

Child Health equipment for 100 Bed MCH Wings

S.No.	Item	Size /Specification	Quantity Required For each 100 Bedded MCH Wing	Cost Per unit (Tendor Rate)	Tax (CGST, SGST)	Remark (Make, Model, Compy)
1	Resuscitator, hand operated, neonate and child, 500 ml		4			
2	Laryngoscope Set- Pediatric Size	Complete with Standard Size Battery Handle made of Stainless Steel + Three Miller Stainless Steel Blades all Satiny/Dull Finish and packed in Zip Case .	6			
3	Electronic baby weighing Scale	Standard Capacity 20 kg Pediatric Size 255 x 500 mm etc Power Supply Main / Battery Display Digit 6 Digit Number of Keys 7 keys Battery Charger (rechargeable) Remote Control Number of characters on Display 6 Digit Color Red/Green Storage Capacity Yes Date Entry (month) Size Language 6 Numeric Display 6 Digit (front) function Power On, Power Off, Tare Power Main/Battery (BU/AA) Printer No	4			
4	Suction Pump Foot Operated		2			
5	Thermometer, Clinical, digital	Clinical Thermometer Oval flat type Lens front, dual scale Cylindrical bulb Range: 35-45°C & 95-108°F Accuracy: ± 0.1°C & ± 0.2°F in plastic case	12			
6	Light for examination	Technical Data of led Cold-Light Source : Lamp: led Color Temperature: 6000 K Device type : 1/8 Lamp Power : Equivalent to 300 Watt non-on Input Power : 400 W Case Temperature : <55°C Working Noise : <55DB Operating Life : 50,000.00 hours Outside electrical source: 220V±10%, 50Hz Working Environmental Humidity : 5-32°C Relative Humidity : <70% Dims. : standard Met. Weight. : standard	6			
7	Syring Hub Cutter		2			
8	Phototherapy unit single head high intensity	Irradiance: Minimum 40 µW cm ⁻² nm ⁻¹ (+10% %) at 30 cm from the With adjustable Intensity (High, Medium & Low) Optical Sensor / Radiometer Measurement band 0 µW cm ⁻² nm to 200 µW cm ⁻² nm Resolution- 0.1 µW cm ⁻¹ nm Reading accuracy - ± 2 µW cm ⁻² nm Noise - <52 dBA Wavelength>450-460 nm (peak 451 nm). free of UV and IR radiation Electrical Specification- Output Voltage -> 12 VDC Output power:- 50 W Input voltage-> 120 -240 V, 1.5 A Operating frequency:- 50/60 Hz Environment's Requirement:- temperature range Operating 18 to 28 °C (64.4 to 82.4 ° F) Storage -20 to 60 °C (-4 to 140 °F) Relative humidity Operating 10 % to 95 % (non condensing) Storage -10 % to 95 % (non condensing) Atmospheric Pressure Operating -700 hPa to 1060 hPa Storage -500 hPa to 1060 hPa Data transmission RS-232 serial port -Standard UART protocol Bits per second -9600 bps Data bits -8 Parity -None Stop bits- 1 Flow control- None Lamp type: Light emitting diode (LED) for 30,000 hours providing the same intensity level. Height : Adjustable from 1270 ± 20 mm to 1730 ± 20mm up to 90° on either side. Time totalizer: Digital (compact) 1. Time totalizer for the LED running time (non-resettable) 2. Therapy timer for	6			
9	Resuscitator, hand-operated, neonate and child, 200 ml	Resuscitator chilled 1 pcs Suction Foot Type Small 1 pcs Scope 4 Blade S.S. 1 Set Scope 2 Blade S.S. 1 Set Oxygen Hood Round Jointless 1 Set E.T. Tube for Ped 3 Pcs Airways plastic (Set of 3 pcs) 1 Set Stylette (Set of 3 pcs) 1 Set Face mask Round shape 1 Set Face mask rubber 1 Set Mucus Extractor 2 Pcs M-Forceps (Set of 3 pcs) 1 Set M-Brush (Set of 3 pcs) 1 Set Mouth Bite (Set of 3 pcs) 1 set	2			
10	Suction pump, portable		2			
11	Surgical instrument suture/Set		2			

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12	Oxygen Hood, S and M Size, Set of 3 each including connecting tubes		6			
13	Oxygen Concentrator	1. To deliver 8 Litres /min Dual Port (each can deliver 4 litres / min) Advantage: can be connected to 2 patients at a time 3. 24 hour usable 4. Flow rate - 1-10lpm 5. Outlet pressure - 18-20 psig Alarms - 1. Power failure, 2. High & Low pressure, 3. Low purity test, 4. temperature Advantage: can be connected to 2 patients at a time 6. Advantage: can be connected to 2 patients at a time	4			
14	Pulse Oximeter, bedside, neonatal	1. Method: Dual wavelength LED 2. Oxygen saturation Range 0-99% Resolution 1% Accuracy + 2 at 70-99% range, + 3 at 40-70% range Averaging time selectable (3-21 secs) Search time selectable (10-40 sec) Sensors Re-usable finger probe, Re-usable flexible multi-site probe 3. Pulse rate Waveform Plethysmographic or bar form Range 20-250 bpm Resolution 1 bpm Accuracy + 2 bpm 4. Display Saturation Pulse Rate Waveform Alarms 4. Alarms High SpO2 Range 70-99% Low SpO2 Range 50-99% High pulse 20-250 bpm Low pulse 20-200 bpm System alarms Probe failure Poor signal Power failure 5. Trends Memory 12 hours Data interval 20 sec Display 2-12 hours 6. Power 220/240 V AC, 50/60 Hz Rechargeable Internal battery Battery back-up at least 2 hours	6			
15	Neonatal Stethoscope I For each bed	Machined Stainless Steel- Chestpiece Technology - Double sided- Chestpiece Weight - 40 Gram- Diaphragm Diameter - 1.31 in / 3.3 cm- Diaphragm Material - Epoxy/Fiberglass- Diaphragm Type - Floating Diaphragm- Ear tip Type - Soft Sealing- Extra Ear tips - Yes- Headset Material - Wide Diameter Aerospace Alloy / Anodized Aluminum- Length - 28 in / 71 cm- Model - Pediatric- Net Weight (approx.) - 105 Gram	12			
16	Sphygmomanometer, neonate electronic	Wall mounted B.P. Apparatus-Accuracy: +/- 3mmHg- Sub-division: 2mmHg- Dial-type, mercury-free manometer- Measure scope: 0-300mmHg	6			
17	Light examination for mobile		6			
18	Measuring tape vinyl coated		6			
19	Kidney basin stainless steel, 825 ml		2			
20	Dressing tray, stainless steel		4			
21	Infusion stand double hook		4			
22	Indicator, TST Contro; spot		1			
23	Irradiance meter for phototherapy units		1			
			2			
24	Infantometer	Readability: to nearest mm. For measurement of length, for growth assessment in infants Technical Data Measuring range in cm: 33 - 100 cm Measuring range in inch: 13 - 39 " Graduation [Measuring Rod]: 1 mm / 1/16 inch Measure (W x H x D): 1103 x 169 x 402 mm , 43,4 x 6,7 x 15,8 inch approx Net weight: 3,8 kg , 8,3 lbs Functions: lying measurement	1			
25	Bench top steam Autoclave, electrical		1			
26	Sterilising drum 165 mm diameter		1			
27	Electric Steriliser		4			
28	Gowns for staff and mothers	staff Gown -Dark blue colour, mother gown -purple colour	1			
29	Washable slippers	small/medium/large	30			
30	Macmatocrit centrifuge		25			
31	Binocular microscope with illuminator		1			
			1			

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32	Bilirubinometer	Battery Number of measurements (when fully charged) Internal NiMH 250AC adapterInput 100 V ~ to 240 V ~, 50/60 Hz, 11 VA to 18 VAOutput 9 VDC, 500 mA Light source Pulse xenon arc lampLight source life 150,000 measurementsSensors Silicon photodiodes PHYSICAL SPECIFICATIONWidth 56 mmDepth 45 mmHeight 168 mmWeight 203 g ± 10 % PERFORMANCE SPECIFICATION\$Measurement range 0.0 mg/dL to 20.0 mg/dL (0 µmol/L to 340 µmol/L)Clinical Data Standard Error of Estimate (SEE) ± 1.5 mg/dL or ± 25.5 µmol/L (> 35 weeks gestation)± 1.6 mg/dL or ± 27.4 µmol/L(24 – 34 weeks gestation)DATA TRANSMISSION USB port HL-7 or CSVAMBIENT CONDITIONSDURING OPERATIONTemperature 10 °C to 40 °C (50 °F to 104 °F)Air pressure 700 hPa to 1060 hPaAltitude range -400 m to 3,000 mRelative humidity 30 % to 95 % (without condensation)DURING STORAGE AND TRANSPORTTemperature -10 °C to 50 °C (14 °F to 122 °F)Air pressure 700 hPa to 1060 hPaAltitude range -400 m to 3,000 mRelative humidity 30 % to 95 % (without condensation)	1			
33	Glucometer with Dextrostick		1			
34	Refrigerator 110L		3			
35	Voltage Servo Stabiliser	5 star with Stabilizer two chamber door	1			
36	Room Heater		1			
37	spot lamps		4			
38	Wall Clock With Second Hand		2			

Lab Equipment for 100 Bed MCH Wings

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1	Binocular Microscope	Viewing Head: Monocular/Binocular/Trinocular Head 45°, 360° rotatable Eyeiece: Anti Fungal Eyeiece WF10X Objective: Anti Fungal Achromatic Objective 4X, 10X, 40X Nosepiece: Quadruple Turret Analyzer: Rotatable Analyzer with Graduation 0°-90° Bertrand Lens: Bertrand Lens, sliding in/out of optical path Optical Compensator: Slip (first class red), ¼ slip, Quartz Wedge Revolving Round Stage: Diameter 135mm, 360° Rotatable & Graduated in 1° increments Minimum Resolution 6" when using vernier scale center adjustable Focusing: Coaxial Coarse and fine Knobs Polarizer: Sliding in/out of optical path located on the top of collector Illumination: 6v20w Halogen Lamp	4			
2	Electric Calorimeter	Heating Coil: 5W Standard Binding Posts Coated Supporting Posts and Coil Single-Hole Rubber Stopper Calorimeter Connects to Power Supply, Ammeter, and Voltmeter	1			
3	Electricentrifuge, table top	Max Speed : 14,000 rpm Max RCF : 20,290 (x g). Max Capacity : 6 x 50 ml (300 ml) CT14RD is our latest family member of CT series, having the following advanced features: Maintenance free brushless drive,power break Auto-lock rotor setting system Automatic rotor identification Powerful refrigeration system Large LCD display with informative graphics Wide selection of rotors	2			
4	Hot Plates	Overall size(WxDxH) mm 200x310x115Plate size(WxD) mm180x180(ceramic coated)Temperature (surface) 380???(Max.)Strring speed rpm 100 ~ 1,500 capacity m100 ~ 3,000 Heater(sheath) W680 Material top plate Ceramic coated top plate body Steel plate with powder coated finish Power source & consumption AC 230V 50/60Hz 1phase Size of Heating Pan: 10" x 12" Inches 10" x 16" Inches 12" x 18" inches 18" x 24" Inches Temperature Range: up to 350 deg.C Energy Regulator: Yes Power Indicator: Yes Rating: 1500 to 4000W Power: 220 V AC 50/60Hz	1			
5	PH meter	pH Range: 0.00 to 14.00 Resolution: 0.01 pH Accuracy: ±0.01 pH Temp. Range: 0~100°C Resolution: 0.1°C Accuracy: ± 0.3°C pH Calibration Points: Up to 3 points with Auto-buffer Recognition mV Offset: ±150 mV Temp. Offset: ±5.0 °C pH Buffer Sets: USA (pH 4.01, 7.00, 10.01); NIST (pH 4.01, 6.86, 9.18) Temp. Compensation: Automatic/manual (0 to 100°C) Slope: % 80 to 120 pH Slope & Offset Display: Yes Hold Function: Yes Averaging / Stability (READY): Yes Memory: 50 Data Sets Inputs: BNC, ref. (half-cell), Ground, 2.5mm phono jack (ATC), power jack Output Recorder: (±2000 mV)	1			
6	Pnediatric Glucometer/Bilirubinometer	Automatic Glucometer Easy operation Compact designed Clear display	1			
7	Gluemeter	Automatic Glucometer Easy operation Compact designed Clear display	2			

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8	Haemoglobinometer	Display -Digital 3½ Digit, Bright LED Display Mode% T, O.D. and 3 concentration Modes, C1,C2,C3Zero Adjustment Automatic (Without Knob rotation)Accuracy+ 0.02 O.D.Stability+ 0.02 O.D. Per HourLight Source6.8 Volt, 0.3 Amp Tungsten Lamp Amplifier Micro controller BasedMemoryIn built memory to retain last "K" factor for concentration even after power loss.Sample Volume1 ml. minimumPower 230 V + 10 % AC, 50 Hz.AccessoriesSet of Test Tube- 5 No.Dust Cover – 1 No.Brand-Hellasi, TT3	2			
9	TCDC Count apparatus	total number of counts 999.Counts In each group 0-99.No. Of operating keys. Twelve(12). BASO (Basophilic) Variate Lymphocyte EOS (Eosinophilic) MON (Monocyte) Neutrophilic stab granulocyte LYM (Lymphocyte) Prom(Promphocyte) Neutrophilic segmented Neutrophilic orthochromatic Normoblast Delete (-) or Minus (%) Percentage ResetDelete facility Available. Count category 9.Input voltage Mains -220 ±10%, 50Hz, Battery -12V DCPower Consumption 10W.(Approx)	2			
10	ESR stand with tubes	Special Pipe: stainless steel pipe Section Shape: Round (Westergen Method)	4			
11	Test tube stand	Small, Normal, Large	6			
12	Test tube rack	Small, Normal, Large	6			
13	Test tube holder	Normal	6			
14	Spirit lamp	Normal (Bunsen Burner)/ Gas Nope	8			
15	Timer stop watch	Four countdown channels plus stopwatch channel and time-of-day clock.Timer/Stopwatch; Fisherbrand; Countdown; Traceable; Four-channel; Accuracy: 0.01%; Range: 100 hours; Display: 6-digit 0.75 in. H LCD display; Power supply: 2 year silver oxide; 2 oz. (57g); Count down, count, time out and time of day, extra-loud high decibel alarmTimer: Counts down from 99 hours, 59 minutes, 59 seconds to 1 second. Stopwatch: Counts up from 1 second to 99 hours, 59 minutes, 59 seconds. Timing capacity: 100 hours Accuracy: 0.01% "Thru-zero" function counts down, alarms, counts up Time-out mode Easel stand, label clip, hole for lanyard and magnetic back Alarm can be silenced automatically or manually Memory recall Time-of-day clock feature Dimensions: 6.35L x 6.03W x 1.27cmH (2.50 x 2.375 x 0.5 in.)	1			
16	Alarm Clock	Digital Lcd display battery and electrical	1			
17	Ordinary Refrigerator	Capacity (Litres): 245 LColor: GREYStar Rating: 4 Star Brand-LG	2			
18	Knif Sharpner		1			
19	Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each		4000			

List of Refrigeration and AC Equipment for 100 Bed MCH Wings

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1	Spare ice pack box	Insulated ice box 50 liter Branded	5			
2	Room Heater/Cooler for immunization clinic with electrical Fittings		6			
3	Waste disposal twin bucket, hypochlorite solution		4			
4	Thermometers Alcohol (Stem)	Contactless temperature measurement* Best usable for cold Chain equipment (WIC, WIF, ILR, DF, Cold Box, Vaccine Carrier)* Easy to hang (Horizontal)* Automatic shut off after a minute* Visible in red color* Safe for daily use* Manua	2			
5	Almirah for Vaccine logistics	Size: 960 × 400 × 1750 mm. Epoxy coated mild steel framework. Stainless steel bottom.	2			
6	Almirah for Vaccine logistics	Size: 960 × 400 × 1750 mm. Epoxy coated mild steel framework. Stainless steel bottom.	1			
7	Immunization table		5			
8	Chair for new staff proposed	Colour: Black Seat Size: 21" W X 19" D Back Size: 19" W X 23" H Overall Dimensions: 24" W X 19" D X 34" - 36" H Material: Fabric Pneumatic Seat Height Adjustment. Medium Height Back Rest. Lumbar Adjustment on Back Small Cushion Pillow Support on Back Nylon Netted Mesh Back Adjustable Up-Down Arm Rest. Virgin Quality PP Stand/Base Gas lift Height Adjustment. 90 Degree Tilt Lock. Symcro Push Back Design Mechanism. Imported Castor Wheels with Good Grip. 360 Degree Revolving.	3			
9	Stools for Immunization room	Adjustable Size: 320*460*620 Material: Metal Metal Type: Iron Folded: Yes	2			
10	Bench for Waiting area	3 seater, Steel Size: 1900x630x900mm colour-blue Resistance against water Flat edges Highly very spacious (Airport three seater chair)	1			



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11	Dustbin with lid	animated Design , Made of High Density Polyethylene (HDPE) material injection moulded biomedical wast standard High resistance to Heat and radiation UV stabilized Environment friendly and easy to clean Available in various coloursSpecifications:Nom. volume (L) 80Dead weight approx. (kg) 9Useful load (kg) 45A - Overall height (mm) 780B - Overall width (mm) 480C - Overall depth (mm) 560D - Upper edge comb (mm) 735E - Wheel diameter (mm) 200 colour-green	40			
12	Water container	Material: Stainless Steel,Polypropylene And Polyurethane Insulation Water Storage Size: 10 Ltr Special Feature: Insulated With Top Quality Polyurethane ,Preserve The Hot Water Warm For Hours And Water Cold For Hours Warranty: 6 Months	1			
13	Hub cutters	Capacity 3 Liter Body made of Stainless Steel / ABS Upper Lid made of Virgin Plastic Syringe Hub & Needle gets cut off by a sharp blade by pulling the handle. Separate holes for inserting Needles & Syringe hub. no electricity required Economical & Reusable	2			
14	5 KVA Genrator with PDL, For Immunization purpose		1			
15	Coolers	Cools up to 2500*sq.ft.30 inch Aluminium Fan90 ltr.Tank (Seperated Tank)Aluminium & Stainless Steel ComponentryConstructed by Injection Moulding MachinePortable,Ductable,Wall Mounted, Industrial,Evaporative Air Cooler Cooling Media - Honey Comb Pad with Cellulose Material RPM/Wattage/Hp - 950 RPM/490* W/0.67* Hp Power Consumption - 1 Unit in 2 Hours Gross Weight- 49kgs Air Flow(M3/H)/CFM - 18000* CMH/10500* CFM Cooling Pad Size -1100*100*1150mm Dimension - 1) 1135*700*1790mm/LOUVER2) 1135*600*1790mm/GRILL	20			
16	Air Conditioners	5 star with Stabilizer	10			
17	Central A/C for ot		1			