

**MIZORAM STATE HEALTH SOCIETY
STATE PROGRAMME MANAGEMENT UNIT
OFFICE OF THE MISSION DIRECTOR
NATIONAL HEALTH MISSION
MIZORAM : AIZAWL**

No.B.11011/29/2017-NHM/MSHS/SPMU(PRO)/pt

Dated Aizawl the 17 th November 2017

SEALED TENDER NOTICE

Sealed Tenders are hereby invited as per the schedule annexed to this notice on behalf of the Chairman, Mizoram State Health Society from reputed and bonafide Manufacturers or their only authorized dealers, for **Rate Contract of SNCU & NBSU Equipments under NHM, Mizoram** which will be received by the Mission Director, NHM, Health & FW Department, Dinthar, Aizawl, Mizoram on or before 19-12-2017(**Tuesday**) upto **12:00 Noon** . Tenders are to be opened by the Technical Committee under the chairmanship of Mission Director, NHM, Mizoram, Aizawl or his authorized representatives at **1:00 PM** on the same day. The Tenderers or their representatives may also be present at the time of opening of the Quotations, if they so desire.

Terms and Conditions-

- 1) Tenders shall be submitted in duplicate and accordingly marked "**Original**" and "**Duplicate**" as the case may be ,on the cover of the envelope. The outer cover of the tender shall be super scribed as "**Rate Contract of SNCU & NBSU Equipments under NHM, Mizoram**" addressed to the Mission Director, National Health Mission, Dinthar, Aizawl clearly indicating full postal address with fax no.of the tender/sender.
- 2) Tenders should be submitted in the prescribed form only which can be obtained from the office of Mission Director, National Health Mission, Dinthar, Aizawl, Mizoram on working days.
- 3) Tenders shall be accompanied with the Earnest Money Deposit of 2% of quoted value in the form of Demand Draft/Deposit at Call in original, from any Nationalized Bank of India or Postal Saving Certificate duly pledged in favor of Mission Director, National Health Mission, Mizoram, Aizawl.
- 4) Manufacturers submitting their tenders directly shall attach photo copies of their Manufacturing Licence, CIN (Corporate Identity Number) and other relevant permissions/licences required for such manufacturing duly attested by a Gazetted Officer or Notary. Original Certificates shall be produced at the time of opening of the tenders/quotations, if demanded.
- 5) Tenders received from firms and individuals who are not authorized dealers but only authorized to quote on behalf of the manufacturer or dealer shall be accepted. Authorized dealers shall attach Authorization or Distributorship or Dealership, as the case may be from the concerned Manufacturers. A Gazetted Officer or Notary,

however, shall duly attest such photo copies. Original Certificate shall be produced at the time of opening of the tenders/quotations,if demanded

- 6) Quoted rates in terms of Indian Rupees will be considered inclusive of Goods and Services Tax (GST).If there are more than one brand, the separate rates for such brands with specific details should be mentioned.
- 7) Warranty period should be mentioned clearly and availability of After-Sale- Services facilities during warranty period.
- 8) F.O.R. destination is Central Medical Store, Zemabawk, Aizawl.
- 9) Tender must be accompanied by the following documents-
 - a) Photo copy of GST Registration Certificate duly attested by a Gazetted Officer. Original Certificates should be produced at the time of opening of the tenders/quotations, if demanded.
 - b) Photo copy of Scheduled Tribe Certificate duly attested by a Gazetted Officer or Notary (for Tribal tenderer). Original Certificates should be produced at the time of opening of the tenders/quotations,if demanded.
 - c) Non-Judicial Adhesive Stamp worth at least Rs.7.50 should be affixed (for non-tribal tenderer)
- 10) The tenderer should submit Attested or Notorized Photo copy of valid and upto date GMP Certificate/ISO.
- 11) All pages of the tender papers should be printed,signed,stamped and dated; hand written quotations shall not be entertained. Any page or pages not signed, stamped and dated will be marked violated clause at the time of opening of tender.
- 12) Tenders must enclose detail specifications of the items. They must also enclose relevant documents including catalogue /literature of the quoted items.
- 13) A successful tenderer has to execute an appropriate Deed of Agreement within 15 (fifteen)days from the date of communication of acceptance of his/her quoted rate (s) by fax, failing which the tender will become invalid.
- 14) Once the rate is accepted and communicated to the successful firm, the same will remain valid during the supply period of the agreement with the approved supplier and no price escalation will be permissible during the valid period, which is normally for a period of 12 months and is extendable, if mutually agreed upon by both the parties i.e. State Health Mission and concerned approved supplier, subject to the recommendation of the Purchase Committee, Mizoram State Health Society, as the case may be.
- 15) A successful tenderer whose tender has been accepted shall furnish Security Deposit of 5% (five percent) of the value of the materials required to be supplied, at the time of execution of the agreement,in the form of Demand Draft/Fixed Deposited in any Nationalized Bank of India or Postal Savings Certificate, as the case may be, duly pledged in favor of Mission Director, NHM, Government of Mizoram, Aizawl.
- 16) A successful tenderer shall supply the items within the stipulated time. If the supply cannot be completed within the stipulated period without any valid and justifiable reasons with prior intimation, the Society shall be at liberty to procure the materials from the next lowest tenderer and the differences in prices, if any will be realized from the Security Deposit of the successful and approved tenderer without assigning any reason thereof.

- 17) The State Society shall not be bound to accept the lowest rate or any of the tenders even if valid, and reserves the right to accept or reject any tender without assigning any reason thereof/based on previous performance. The Society may give preference to an item of reputed brand/company with ISO specification.
- 18) In case of any legal dispute/litigations arising out of this Tender Notice or its terms, the local courts shall have the jurisdiction as per the relevant laws in force.
- 19) All payments will be made only after the materials are received in full and in good condition and after completion of installation and satisfactory commissioning.
- 20) If the above items are violated or unfulfilled, tender shall be rejected at the time of opening of the tender.



(Dr.LALROZAMA)IAS
Mission Director , NHM
Mizoram: Aizawl

Memo No.B.11011/29/2017-NHM/MSHS/SPMU(PRO)/pt

Dated Aizawl the November 2017

Copy to:

1. P.S to Hon'ble Minister, Health & Family Welfare Department, Govt. of Mizoram
2. P.S to Secretary, Health & Family Welfare Department, Govt. of Mizoram
3. Principal Director, Health & Family Welfare Department for information.
4. Director of Health Services, Mizoram, Aizawl for information
5. Director of Hospital and Medical Education, Aizawl for information.
6. The Editor _____ with a request for publication of the above caption in your newspaper for atleast 2 consecutive days.
7. Guard File



Mission Director, NHM
Mizoram: Aizawl

EQUIPMENTS FOR SNCU & NBSU

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
1.	Open care system on trolley with drawers, with radiant warmer, O2-provision	<ul style="list-style-type: none"> • Mobile newborn resuscitation table with fixed-height radiant warmer • Antistatic castors, 2 with breaks • Table surface with mattress with infant head/shoulder support • Mattress-padding: foam density approx. 21 - 25 kg/m³ • Mattress cover: removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant • Side boards transparent acryl, drop down and lockable • Under table 2 storage drawers • Side rails allow for mounting of accessories • Hood suspended above the table integrates heating element and overhead light • Overhead light: 2 x 50W halogen spot, with dimming function • Integrated support for two 10 L oxygen bottles • Control unit has flow meter and displays pressure • Heating element: emitter with parabolic reflector and protected by metal grid • Control unit allows air and skin temperature preset (LED indicator) and drives radiant heater output (servo and manual) • Integrated timer: 1 to 59 min, with count-up and count-down feature • Temperature range, skin: 34 to 38°C (user pre-settable) • Monitoring of skin temperature by means of sensor, range: 30 to 42°C • Heater output: 0 to 100% in increments of 5% • Control unit: audiovisual alarms according to timer and temperature presets avoiding overheating • Display reports systems errors, sensor failure • Power requirement: 220 V/50 Hz • Power consumption: 800 W • Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions") • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x mattress • 1 x skin temperature probe (including 		

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		connection cable) <ul style="list-style-type: none"> • 1 x spare skin temperature probe (including connection cable) • 1 x spare heating element • 2 x empty 10 L oxygen cylinders • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
2.	Phototherapy unit, single head, high intensity	<ul style="list-style-type: none"> • Heavy sturdy mobile stand phototherapy unit • Antistatic castors, 2 with breaks • Single head, surface size, approx: 0.50 x 0.75 m • Head height adjustable, approx: 1.40 to 1.75 m • Blue light, 4 Compact Fluorescence Tubes (CFL), approx: 20 W • White light, 2 Compact Fluorescence Tubes (CFL), approx: 20 W • Tubes are protected by grill • Irradiance at skin level, up to: 40 uW/cm²/nm • Wavelength: 420 to 500 nm, with highest intensity at 470 nm • Integrated cumulative hour timer • Power requirement: 220 V/50 Hz • Power consumption: 250 W • Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions") • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 2 x spare blue CFL tubes • 1 x spare white CFL tube • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
3.	Resuscitator, hand-operated, neonate, 500ml; 250ml	<ul style="list-style-type: none"> • Resuscitator for manual ventilation of neonates • Ventilation can be done with ambient air or with oxygen • Resuscitator can be totally disassembled, is easy to clean, disinfect and sterilize • All parts can be autoclaved at 1210C (except O2 reserve bag) • Manufactured from durable high-strength synthetic not requiring special maintenance or storage • Resuscitator is supplied as a complete set in a box • Compressible self-refilling ventilation bag, capacity, approx. 500 ml and 250 ml • With non-rebreathing patient valve with pressure limitation • Intake valve with nipple for O2 tubing • O2 reserve bag complete, capacity approx.: 2000 ml • Set of 3 cushioned neonate size masks, translucent (Size "0", approx: 50 mm) • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India 		
4.	Laryngoscope set, neonate	<ul style="list-style-type: none"> • Laryngoscope set with neonate blades • Constituted of large hollow, cylindrical, slightly ribbed handle and a set of depressors in stainless steel • Handle is made of either chromium-plated or stainless steel and can be opened at an extremity to insert two alkaline batteries (LR14, size C, 1.5 Volts). The other end has a stud contact which fits the various sizes and types of depressors. • 2 x curved depressors, Macintosh type No. 1, approx 68 mm length with halogen bulb 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • 2 x straight depressors, Miller type No. 0, approx 53 mm length with halogen bulb • Presented in suitable protective plastic box • Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions") • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 2 x spare halogen bulbs (1 for each depressor) • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India 		
5.	Pump, suction, portable, 220V, w/access	<ul style="list-style-type: none"> • Portable suction pump with 1 litre plastic jar • Dismantable for easy cleaning, jar autoclavable • Shock resistance protects from dropping • Light, easy to carry and keep clean • Jar with plastic cover, gasket and overflow valve • With suction regulator, vacuum gauge • Size, approx: 260 x 180 x 220 (H) mm • Suction power: 17 L/min • Vacuum, max: 800 mmHg • Power requirement: 220 V/50 Hz • Power consumption: 100 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1x set of silicone rubber suction tubing, approx: diam. 10 mm, length 1.5 m • 1 x spare jar with cover • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		parts and travel.		
6.	Pump, suction, foot-operated (refer to material S0760640)	<ul style="list-style-type: none"> • Foot-operated suction pump • High performance suction pump for pharyngeal and tracheal suction • Double acting piston pump provides a combination of large airflow and high vacuum • See-saw movement of pedal generates suction every time one side of the pedal is depressed • Pump chassis complete with valve diaphragms, manifold pipe, bottom cover, cylinder with draw link and valve diaphragm, piston O-ring, pedal with retaining springs, aspirating tube with angle connector and combination suction tip • Pump can be totally disassembled, is easy to clean and disinfect • All parts can be autoclaved at 121°C • Vacuum, max: 600 mmHg • Free airflow at two pumping strokes per second, approx: 30 to 40 L/min • All parts made of high-strength, long-life materials, not requiring specific maintenance or storage • Transparent polycarbonate collection container capacity, approx: 1 L • Bottom cover: thermoplastic rubber • Manifold pipe: polypropylene • Gasket, O-rings and valve diaphragm: silicone rubber • Piston rings: teflon • Foot pedal: aluminium • Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions") • Device is safety certified according CE 93/42, FDA 510k or equivalent (Certificate to be submitted, further details see "Technical Provisions") <p>Supplied with:</p> <ul style="list-style-type: none"> • 1x set of silicone rubber suction tubing, approx: diam. 10 mm, length 1.5 m • 1 x angle connector and combination acetel suction tip • 1 x spare valve diaphragms • 1 x spare piston O-ring • 1 x spare retaining springs, • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Assembly and installation at end-user site 		
7.	Surgical instrument, suture/SET	<ul style="list-style-type: none"> • Suture instruments set consisting of: • 1 x Scissors, Deaver, 140 mm, curved, sharp/blunt • Surgical operating scissors, model according Deaver • Curved, with one pointed and one blunt end blade • Martensitic steel, quenched, magnetic steel • (stand mat S0773550) • 1 x Needle holder, Mayo-Hegar, 180 mm, straight • Ratchet enables needle to be gripped with varying tightness, model according Mayo-Hegar • Defined longitudinal groove to prevent deterioration of the needle • Jaws with pronounced ridges • Martensitic steel, quenched, magnetic steel • (stand mat S0743600) • 1 x Forceps, artery, Kocher, 140 mm, straight • Haemostatic forceps, model according Kocher • Slightly springy, flexible arms • Variable setting of the ratchet • Adjustment of the jaws • Martensitic steel, quenched, magnetic steel • (stand mat S0726000) • 1 x Scalpel handle, no.4 • Bistoury handle for interchangeable blade • The number indicates the characteristic of the distal end and therefore the choice of the blade • Length: approx. 14 cm • Austenitic steel, non-quenched, non-magnetic • (stand mat S0745500) • 1 x Forceps, tissue, 145 mm, straight • Straight tissue dissecting forceps • Slightly springy, flexible arms • With 1 x 2 teeth • Good adjustment of the teeth • Good gripping of the jaws • Martensitic steel, quenched, magnetic steel • (stand mat S0737000) • 1 x Probe, double-ended, 145 mm • Double-ended probe/dilator • Bulbous shape at both ends • Diameter: 2 mm • Austenitic steel, non-quenched, non-magnetic • (stand mat S0759820) • Device is produced by ISO 9001 certified manufacturer 		

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		<ul style="list-style-type: none"> • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India 		
8.	Syringe pump, 10, 20, 50 ml, elec 220V	<ul style="list-style-type: none"> • Digital and self regulating volume controlled portable syringe pump • Can be mounted on bed/wall rail or mobile pole/stand (supplied with fixation) • Suitable for all intravenous and intra-arterial infusions • Continuous volumetric delivery with syringes 10, 20 and 50 ml • Open system, suitable for different brands of syringes • Programmable, user entry: infusion volume and time or flow rate • Rate, adjustable: 1 to 999 ml/h, steps of 1 ml/h • Accuracy: ca 1% of total volume delivered • With occlusion detection and alarm • Display reports systems errors, end of infusion and built-in battery status • Audio visual alarm with silencing feature for audio alarm • Automatic switch from mains to batteries in case of power failure • Power requirements: 220 V/50 Hz or internal re-chargeable battery (autonomy approx 6 hrs, automatic recharge) • Power consumption: 50 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 1 x spare battery • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel. 		

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9.	Oxygen hood, S and M, set of 3 each, including connecting tubes	<ul style="list-style-type: none"> • Round shape • 3 x size small, approx: height 22 cm, diam 25 cm • 3 x size medium, approx: height 18 cm, diam 20 cm • Made of autoclavable polycarbonate • Trauma free silicone neck, with adjustment flap • With bilateral oxygen nozzle • Oxygen tube of 2 m length must be provided with • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x spare set of tubing • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India 		
10.	Oxygen concentrator, elec 220V (refer to material S0002047)	<ul style="list-style-type: none"> • Oxygen concentrator to provide oxygen from ambient air • Oxygen concentration measured at the flow meter by oxygen sensing device (OSD) • Sound level <15 dB • Superior grade of molecular sieve • Maintenance free rotaryproppet valve. • Oxygen purity, approx: 90% • Oxygen output, approx: 0 - 5 LPM • Pressure, approx: 8 psi • Double outlet or flowsplitter for oxygen Delivery • Oxygen tube of 2 m length must be provided with • Facility for nebulization with tube & mask • With two humidifier bottles and two cabinet filters • Power requirements: 220 V/50 Hz • Power consumption: 450 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x spare set of tubing • 1 x spare set of internal and external filters (baterial) • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English 		

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		<ul style="list-style-type: none"> • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel. 		
11.	Thermometer, clinical, digital, 32-430C (refer to material S0481053)	<ul style="list-style-type: none"> • Digital thermometer Celsius scale with switch to Fahrenheit • Safe to use, atraumatic, no glass, no mercury • Measurement range: 320C to 430C • Accurate measurement: +/- 0.10C between 350C to 410C • Liquid crystal display, easy to read • Beep sound and switch off • Water proof for ease of cleaning • Battery powered • Low battery indicator • Power requirements: 220 V/50 Hz • Power consumption: 450 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x NiCad battery • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English 		
12.	Scale, baby, electronic, 10 kg <5g>	<ul style="list-style-type: none"> • Electronic scale for weighing babies • Measuring range 0 to approx 10 kg • Minimum graduation: 5 g • With tare function • On switch and auto-off • Auto-calibration with each switch-on • Large LED display readable in low light working situations, display cover durable plastic • Display in kg and lbs, easy switch between kg and lbs • Reading time max 5 seconds • Zero weighing adjustment • Freeze reading feature • Smooth surface/finishing allows for easy cleaning/disinfection. • All vital parts made of rust proof materials • Horizontal levelling with height adjustable feet • Splash proof and shock resistant light-weight body • Power requirements: 220 V/50 Hz • Power consumption: 150 W • Device is produced by ISO 9001 certified 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<p>manufacturer</p> <ul style="list-style-type: none"> • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site 		
13.	Pulse oximeter, bedside, neonatal	<ul style="list-style-type: none"> • Compact portable bedside pulse oximeter with LCD display • Continuous monitoring of SpO2 (arterial blood oxygen saturation), pulse rate and signal strength • Measuring range: • SpO2: 30 to 100 %, minimal graduation 1% • Pulse rate: 20 to 250 bpm, minimal graduation 1 bpm • Accuracy SpO2: 50 to 69% ($\pm 3\%$), 70 to 100% ($\pm 2\%$) • Display shows SpO2(%), HR(bpm) and signal strength bar • Large display readable from distance, display cover durable plastic • User preset of high/low alarms on SpO2 and pulse rate monitoring • Audio visual alarm for SpO2 and pulse rate in case measurements are outside preset range • Silencing feature for audio alarm • Display reports system errors, probe failure and built-in battery status • Automatic switch from mains to batteries in case of power failure • Power requirements: 220 V/50 Hz and internal re-chargeable battery (autonomy approx 6 hrs, automatic recharge) • Power consumption: 50 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 2 x reusable SpO2 sensors neonate, clip-on type (including connection cable) • 10 x reusable SpO2 sensors neonate, wrap around type (including connection cable) • 1 x spare rechargeable battery • 1 x spare set of fuses • User manual with trouble shooting 		

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		<p>guidance, in English</p> <ul style="list-style-type: none"> • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
14.	Stethoscope, binaural, neonate	<ul style="list-style-type: none"> • Double cup neonatal stethoscope • Chest piece in stainless steel with non-chill plastic rim • Diaphragm approx: 20 mm • Sensitivity approx 3.0 dB from 50 to 500 Hz (cardio) • Sensitivity approx 8.0 dB from 600 Hz to 1500 Hz (pneumo) • Y tube: treated rubber with large diameter • Arms: stainless steel or chrome brass, with treated spring for lasting elasticity and comfort • Removable plastic ear-pieces • Device is produced by ISO 9001 certified manufacturer <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x spare set of earpiece • 1 x spare diaphragm • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India 		
15.	Sphygmomanometer, neonate, electronic	<ul style="list-style-type: none"> • Digital electronic sphygmomanometer suitable for neonate • Composed of cloth cuff with inflatable bag quick-connected via tube to main unit • Cloth is washable, strong and reinforced at both ends • Tube length approx 60 cm • Strip of Velcro fastening; length can be adjusted to fit around neonate upper arm • Measuring range: up to 300 mmHg • Minimum graduation: 1 mmHg • Accuracy: +/- 5% • Large LCD display readable in low light working situations, display cover durable plastic • Displays reports: systolic, diastolic and mean pressure and heart rate • Power requirements: 220 V/50 Hz (with 		

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		adapter), internal re-chargeable batteries or replaceable batteries (autonomy approx 6 hrs, automatic recharge) <ul style="list-style-type: none"> • Power consumption: 30 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 1x storage case • 2 x spare cuffs • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site 		
16.	Refrigerator, hot zone, 110L	As per WHO minimal performance specifications for refrigerators.		
17.	Light, examination, mobile, 220V/12V	<ul style="list-style-type: none"> • Mobile light for medical examination • Stand with 5 anti-static swivel castors • Articulated arm 105 cm, spring loaded, with on/off switch and integrated transformer • Halogen bulb: 12V/20W • Light intensity approx: 20.000 Lux at 40 cm • Natural white light: colour temperature 4000 K • Reflector adjustable for positioning • Power cord: length approx 3 m • Power requirements: 220 V/50 Hz • Power consumption: 50 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 1 x spare halogen bulb • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Assembly and installation at end-user site 		
18.	Centrifuge,	<ul style="list-style-type: none"> • Benchtop centrifuge for quick assessment of hematocrit 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
	hematocrite, bench top, up to 12000 rpm, including rotor	<ul style="list-style-type: none"> • Rotation upto 12000 rpm, adjustable in increments of 100 • Timer settable in minutes, maximum preset 99 minutes • Safety lid-lock feature and emergency lid release • Motor overheating protection and imbalance shut-off • Digital display shows rpm and time • Angle rotor, 24 positions, maximum approx 16000 rcf • Power requirements: 220 V/50 Hz • Power consumption: 200 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x box of micro capillary tubes, inner diam 1mm, length 7mm, heparinized, • 1 x pack of sealing compound for micro capillary tubes • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
19.	Photometer, glucose (refer to material S0010110)	<ul style="list-style-type: none"> • Bench top point-of-care blood glucose meter • Direct reading photometry determining total amount of glucose in whole blood • On switch and auto-off • Automatic zero setting between measurements • Dual wavelength measurement, 660 and 840 nm • Sample size: 5 ul of whole blood on disposable cuvette • Measuring time, approx: 30 to 120 seconds • Measuring range, approx: 0 to 20 mmol/l or 0 to 400 mg/dl • Accuracy equivalent to laboratory spectrophotometer • Large LED display readable in low light working situations, display cover durable plastic • Display in mmol/l and mg/dl, easy switch between both 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Results printable via external printer connected on RS232 or equivalent • Power requirements: 220 V/50 Hz (with adapter) and internal re-chargeable batteries (autonomy approx 6 hrs, automatic recharge) • Power consumption: 30 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x box of 100 cuvettes • 1 x box of 100 sterile lancets • 1 x cleaning set • 1 x calibration set • 1 x dust cover • 1 x storing case • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
20.	Photometer, Hb (refer to material S0010112)	<ul style="list-style-type: none"> • Bench top point-of-care blood haemoglobin meter • Direct reading photometry determining total amount of haemoglobin in whole blood • On switch and auto-off • Automatic zero setting between measurements • Dual wavelength measurement, 570 and 880 nm • Sample size: 5 ul of whole blood on disposable cuvette • Measuring time, approx: 30 to 120 seconds • Measuring range, approx: 0 to 20 mmol/l or 0 to 250 mg/dl • Accuracy equivalent to laboratory spectrophotometer • Large LED display readable in low light working situations, display cover durable plastic • Display in mmol/l and mg/dl, easy switch between both • Results printable via external printer connected on RS232 or equivalent • Power requirements: 220 V/50 Hz (with 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		adapter) and internal re-chargeable batteries (autonomy approx 6 hrs, automatic recharge) <ul style="list-style-type: none"> • Power consumption: 30 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 1 x box of 100 cuvettes • 1 x box of 100 sterile lancets • 1 x cleaning set • 1 x calibration set • 1 x dust cover • 1 x storing case • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
21.	Hub cutter, syringe	1. Material used will have <ul style="list-style-type: none"> • The cutting blade of the cutter will be made of stainless steel (IS 6911 of 1992). • The thickness of the blade will not be less than 0.5 mm with one side sharpen to cut minimum of 10,000 cuts. • All other metal if used in the hub cutter will be made of galvanized carbon steel which will withstand rusting even in rough weather with high humidity coastal region for a minimum of five year (IS 277 of 2003 – galvanized steel sheet specification). • The spring if used in the hub cutter will be made of steel wire for mechanical spring (oil harden and tempered steel wire) ISI-4454 of 2001 revision part • The sharp container should be made of Polypropylene (PP) of not less than 4 mm thick and should be white/translucent. The material should be autoclavable plastics, puncture resistant, high drop impact strength, material should be non-toxic and pyrogen free, the material will not wear out with normal usage. 2. Shape: The shape of the container will be such that the lid is tightened with the body with a twist and cannot be opened		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<p>by pulling the lid and the body in the opposite direction. The container containing the cut hub along with needle of various size will be ¾ full when filled with 500 cut hub with needles.</p> <p>3. Capacity range: Able to destroy from hub of AD syringe with needles from 18-28 gauge diameter and from 10-25 mm length and fitted with all types of needle fittings, eg, fixed luer lock, luer ship of snap-on</p> <p>4. Resistance to piecing: Container shall accept 500 cut needles along with the hub when it is ¾th full (filling line). Needles shall not penetrate container walls when filled up to the filling line. The average of forces needed to penetrate samples shall be not less than 15 N.</p> <p>5. Tamper-proofing:When contaminated needles are being dropped into the containers, it shall remain sufficiently sealed so as to prevent a hand from entering. Needle should not protrude from the container when the box contains 500 needles with hub.</p> <p>6. Capacity of the container: have sufficient capacity to hold 500, 18-28-gauge, 10-25 mm long needles with hub.</p> <p>7. Colour:The container shall be translucent white in color and will allow visual inspection from outer surface to determine when the container is full</p> <p>8. Technique: The device shall be designed to facilitate the location and entry of the needles so that the AD syringe is cut from hub by having:</p> <ul style="list-style-type: none"> • a non-critical angle of the needle relative to the entry point. • an entry target area which is recessed, concave and diameter is such that it allows all type of AD syringe available in the market to cut from hub <p>9. Handling: Able to be carried in one hand and portable.</p> <p>10. Instructions:Pictorial instructions in major Indian languages to be printed on the surfaces of the container to clearly describe:</p> <ul style="list-style-type: none"> • use of the hub cutter. • Biohazard symbol as stipulated in schedule III of the Bio-Medical Waste Management and Handling rules; • Govt. supply not for sale. <p>11. Packaging: Carton containing 20 hub cutters. A separate sheet is to be provided with pictorial instructions on how to use. Each carton will contain at least twenty</p>		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<p>sheets of instruction. Each lot will have 1000 units and the lot number and manufacturer details outside the unit.</p> <p>12. Biodegradable Polythene Bag (Red/Blue/Black/Yellow): The container should comprise of an inner plastic bag of varied color depending on the type of waste according to the Schedule-II and labeled according to Schedule-III of Bio-Medical Waste (Management & Handling) Rules 1998. It should be of a minimum gauge of 55 micron (if of low density) or 25 micron (if of high density), leak proof, and should match the chosen outer container. The outer container is a plastic bin with handles & lids, and of a size which will depend on the amount of waste generated. The inner polythene bag should fit into the container with one-fourth of the polythene bag turned over the rim. The capacity of the bag should vary according to the quantity waste generated.</p> <p>13. Durability: The performance and safety of the device shall not be compromised by Exposure to ambient conditions of +43C, 90% relative humidity for one week.</p> <p>Supplied with</p> <ol style="list-style-type: none"> 1. Necessary tools for maintenance. 2. Biodegradable Polythene Bag (Red/Blue/Black/Yellow as applicable) - 100 per unit. 		
22.	Tape, measure, vinyl-coated, 1.5m	<ul style="list-style-type: none"> • Vinyl-coated fibreglass measuring tape • Metal tip finishing at both ends • Reads both in cm and inch • Length, 1.5 m/5 ft • Minimal graduation: 0.5 cm/0.2 inch • Width, approx: 1.3 cm • Thickness, appox: 0.36 mm • Device is produced by ISO 9001 certified manufacturer 		
23.	Basin, kidney, stainless steel, 825ml (refer to material S0211000)	<ul style="list-style-type: none"> • Stainless steel kidney basin • Capacity, approx: 825 ml • Austenitic stainless steel, composition: 8 to 10% nickel, 18 to 20% chromium • Thickness steel: 0.8 mm • Length, approx: 250 mm • Width, approx: 140 mm • Height, approx: 40 mm • Device is produced by ISO 9001 certified manufacturer 		
24.	Tray, dressing, ss, 300x200x30mm (refer to material S0279000)	<ul style="list-style-type: none"> • Stainless steel dressing tray • Rectangular with rounded corners • Austenitic stainless steel, composition: 8 to 10% nickel, 18 to 20% chromium • Thickness steel: 0.8 mm • Length, approx: 300 mm • Width, approx: 200 mm 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Height, approx: 30 mm • Device is produced by ISO 9001 certified manufacturer 		
25.	Drum, sterilizing, 165mm diameter (refer to material S0106000)	<ul style="list-style-type: none"> • Stainless steel cylindrical sterilising drum • Austenitic stainless steel, composition: 8 to 10% nickel, 18 to 20% chromium • Lateral air vents, manually closed after sterilisation • Thickness steel: 0.8 mm • Diameter, approx: 165 mm • Height, approx: 100 mm • Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions") 		
26.	Stand, infusion, double hook, on castors (refer to material S0150000)	<p>Technical Specifications:</p> <ul style="list-style-type: none"> • Infusion stand on castors, variable height, support column with telescoping upper pole • Safety double hook welded to the upper pole • Support column with solid mechanism to fix upper pole at required height • Heavy base on castors with 5 anti-static swivel wheels • Knock-down construction • Must be resistant to corrosion and decontamination (chlorine solution) • Frame: stainless steel 18/10, bright polished or satin finishing • Adjustable height, approx: 140 to 200 cm • Tubes, approx: diam. 25/30 x 1.5 mm • Swivel castors, approx: diam. 50 mm • To clean and disinfect • Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions") <p>Supplied with:</p> <ul style="list-style-type: none"> • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Assembly and installation at end-user site 		
27.	Indicator, TST control spot/PAC-300	<ul style="list-style-type: none"> • TST (temperature steam time) control indicator • Self-adhesive coloured spot attachable to steam sterilizing containers • Operational range: 121 C/15 minutes • Colour change irreversible when sterilised corrected from yellow to blue • Packed in box of 300 TST control spot, plus 1 record sheet 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Device is produced by ISO 9001 certified manufacturer Supplied with: <ul style="list-style-type: none"> • User manual with trouble shooting guidance, in English • List with name and address of technical service providers in India 		
28.	Irradiance meter for phototherapy units	<ul style="list-style-type: none"> • Handheld irradiance meter (spectro-radiometer) for measurement the output of conventional phototherapy devices • Bandpass filter, max transmission: 425 to 475 nm • Light detector, range: 0 to 2000 uW/cm2 (full bandwidth), 0 to 40 uW/cm2/nm • Minimal graduation: 1 uW/cm2/nm • Accuracy: (±10%) • Total block for IR and UV • Large LED/LCD or needle/dial reports measurement • On switch and auto-off • Automatic zero setting between measurements • Measuring time, approx: 5 seconds • Power requirements: 220 V/50 Hz (with adapter) or internal re-chargeable batteries (autonomy approx 6 hrs, automatic recharge) • Power consumption: 30 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 1 x storing case • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site 		
29.	Monitor, vital sign, NIBP, HR, SpO2, ECG, RR, Temp	<ul style="list-style-type: none"> • Compact portable, suitable for all patient categories, i.e. neonates and infants • Parameters monitored: ECG, HR, Respiration rate, SpO2, NIBP and temperature • Display: colour TFT, approx 7 inch, 4-channel • Soft touch keys, durable and easy to clean • Measurements, ranges: <ul style="list-style-type: none"> • ECG: I, II, III • HR: approx 30 to 250 bpm <3 bpm> • NIBP: approx 20 to 290 mmHg (systolic) <1 mmHg> 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • SpO2: approx 40 to 100 % <1%> • ECG div. respiration: approx 6 to 180 bpm<1 bpm> • Temperature: approx 10 to 45 degree Celsius <0.1 degree Celsius> • NIBP oscillometric step deflation, manual/automatic, initial inflation pressure user selectable • Sweep, adjustable: 12.5, 25 or 50 mm/s • Sensitivity (amplitude) of all signals user adjustable • Voltage marker, 1 mV • User preset of high/low alarms on all monitored parameters • Audio visual alarm in case measurements are outside preset range • Silencing feature for audio alarms • Trend display from 2 to 24 hours • RS232 serial data output provision (peripheral printer or network), analogue output for ECG • Defibrillator sync and protection • Pacemaker detection/rejection • Display reports system errors, leads and sensors failure and built-in battery status • Unit can be mounted on bed/wall rail or mobile pole/stand • Automatic switch from mains to batteries in case of power failure • Monitor: constructed of durable shock proof plastic • Power requirements: 220 V/50 Hz (with adapter) or internal re-chargeable batteries (autonomy approx 3 hrs, automatic recharge) • Power consumption: 350 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 3 x cuff hose infant • 2 x sets of 5 neonate BP cuffs (No 1 (3.1-5.7 cm), No 2 (4.3-8 cm), No 3 (5.8-10.9), No 4 (7.1-13.1cm), No 5 (9.6-14.3 cm) • 1 x patient cable • 1 x box neonatal ECG-electrodes (200 sets of 3 electrodes, chest and/or extremities, diameter approx 22mm, ultra soft gel, self adhesive) • 2 x skin temperature transducers • 2 x reusable SpO2 sensors neonate, clip-on type (including connection cable) • 10 x reusable SpO2 sensors neonate, wrap around type (including connection cable) • 1 x spare rechargeable battery • 1 x spare set of fuses • User manual with trouble shooting 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<p>guidance, in English</p> <ul style="list-style-type: none"> • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
30.	<p>ECG unit, 3 channel, portable/SET (refer to material S0002062)</p>	<ul style="list-style-type: none"> • Digital recorder of rest Electro Cardio Gram (ECG) • Records 12 leads simultaneous: aVR, aVL and aVF, I, II, III and V1-6 pre-cordials • Automatic and manual printout mode • Internal memory for data storage • Splash-resistant alphanumeric keyboard and direct function keys • Reset zeroing, auto-base-line correction (0.5 Hz) and 1mV test • Electrode connection quality check • Filter setting for line-frequency (50 or 60 Hz) and tremor • Large back-lit LCD (10x12cm) displays recorded data and failure announcements: ECG-curves, leads, heart rate, patient name and ID, electrode control, clock, leads, speed and filter setting • Integrated high-resolution 300 dpi thermal printer, width 210 mm • Print-out, folded thermo-reactive paper, format A4 • Number of channels, selectable: 3, 6 or 12 • combination of channels or manually selectable • Paper speed, selectable: 5, 25 and 50 mm/sec • Sensitivity, automatic or selectable: 5, 10 and 20 mm/mV • Copy function • Built-in batteries and charging unit • When fully charged, the battery gives approx. 50 readings • Power requirements: 220 V/50 Hz (with adapter) or internal re-chargeable batteries (autonomy approx 6 hrs, automatic recharge) • Power consumption: 30 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x patient cable 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • 6 x suction ball-type chest electrodes, reusable • 4 x extremity clamp electrodes, reusable • 1 x bottle of gel for electrodes • 1 x box of recording paper • 1 x box neonatal ECG-electrodes (200 sets of 3 electrodes, chest and/or extremities, diameter approx 22mm, ultra soft gel, self adhesive) • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
31.	Infantometer, plexi, 3½ft/105cm	<ul style="list-style-type: none"> • Portable baby/infant length-height measuring system • Measures laying length of neonates and babies • No need for calibration as all parts have prefixed position • Reads in centimetres and inches • Minimum graduation: 1 mm • Long-lasting hard-wearing ruler/graduation is fully integrated with device • Measuring slide/wedge glides smoothly and close via ruler, avoiding reading parallax • Measuring slide/wedge wobbles max 2 mm, over full length • No sharp edges or corners • Low stable board, width: ca 30 cm • Length, measurement range, approx: 100 cm • Head/footplate, board and slide/wedge made of quality laminated wood or plastic • Wood parts should be treated and finished/protected with varnish to prevent chipping of edges and allow easy cleaning; all connections should be screwed/nailed plus glued • Device is produced by ISO 9001 certified manufacturer <p>Supplied with:</p> <ul style="list-style-type: none"> • User manual with trouble shooting guidance, in English • List of priced accessories • List of priced spare parts • List with name and address of technical 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		service providers in India • Assembly and installation at end-user site		
32.	X-Ray, mobile	<ul style="list-style-type: none"> • Mobile x-ray system for low volume setting at NICU department • Heavy base on castors with 4 anti-static swivel wheels, 2 with breaks • Rotation of arm, approx: + and - 120 degree • Output power: 2.5 kW • kV range: 40 to 100 kV • Coarse and Finer adjustment of Voltage (kV) • Output waveform, high frequency, max ripple 5 kV • mA range: 1.6 to 63 mA • mAs range: 0.32 to 200 mAs • Exposure time, adjustable: 20 ms to 5 sec • X-ray tube: BEL DSA7 stationary anode tube • Focal spot: 1.4 x 1.4 mm • Inherent filtration: < 1.5 mm Al • Unit dimensions - 65 x 142 x 142 cm (width x height x length) • Adjustable Timer • Power requirements: 220 V/50 Hz • Power consumption: 3000 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x set of 3 empty cassettes • 1 x set of matching of films • 1 x set of 2 aprons, lead protection • 1 x set of 3 gonad shields neonates, 2 mm lead equivalent • 1 x set of 10 lead numbers 0 to 9 • 1 x set of lead letters A to Z (5 pcs of each) • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
33.	Transport incubator, ic, with battery and O2,	<ul style="list-style-type: none"> • Double wall transparent canopy with mattress, mount on stretcher • Front and head access door, slide-out 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
	p ventilator	mattress tray <ul style="list-style-type: none"> • With baby restraining straps • Warm air circulation system • Bacterial filter to remove air born particles • Incubator air temperature monitoring and servo control: 25 to 38 C, increments 0.1C • Digital displays outside shows air temperature • Two 10 L integrated oxygen cylinders, regulator and flow meter • Audiovisual alarms: high/low air temperature, temperature sensor failure, power failure and low battery • Construction dismantleable allows frequent washing and disinfection of the incubator • Battery and AC supported • Power requirements: 220 V/50 Hz and internal re-chargeable batteries (autonomy approx 3 hrs, automatic recharge) • Power consumption: 200 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 1 x spare air temperature probe • 1 x spare rechargeable battery • 2 x empty 10 L oxygen cylinders • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
34.	Bilirubinometer, total bilirubine, capillary based	<ul style="list-style-type: none"> • Bench top point-of-care bilirubine meter • Direct reading photometry determining Total Bilirubine in serum/plasma • On switch and auto-off • Automatic calibration setting between measurements • Dual wavelength measurement: 460nm and 550nm • Correcting for Hbat 550 nm • Sample size: 1 capillary tube with 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		serum/plasma <ul style="list-style-type: none"> • Main light source, 5 W tungsten lamp • Measuring range: 0 to 700 μmol/or 0 to 40 mg/100 ml • Accuracy equivalent to laboratory spectrophotometer (approx \pm5%) • Read-out switchable between mg/100 ml of μ mol/l • Fast analysis time <5 sec • Large LED display readable in low light working situations, display cover durable plastic • With integrated printer • Power requirements: 220 V/50 Hz (with adapter) • Power consumption: 350 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: <ul style="list-style-type: none"> • 2 x reference solution packages • 1 x box of micro capillary tubes, inner diam 1mm, length 7mm, heparinized • 1 x box of micro capillary tubes, inner diam 1mm, length 7mm, plain • 1 x pack of sealing compound for micro capillary tubes • 1 x spare lamp • 1 x dust cover • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
35.	Microscope, binocular, with illuminator (refer to material S0957105)	<ul style="list-style-type: none"> • Basic binocular microscope with built-in halogen illumination • Rotablebody (360 degrees), inclined, metal base • Quadruple revolving nosepiece, with distinct click stop • Stage approx. 140 x 130 mm, with clamps for mounting object slide. • With fixed, graduated mechanical stage travelling approx. 50 x75 mm, focusing object slide by moving the stage • Adjustment system: course and fine adjustment 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Magnification: range 40X to 1600X, binocular observation tube, inclined • Objectives, minimum achromatic, 4X, 10X, 40X (spring-loaded), 100X (spring-loaded, oil immersion), field numbers • Eyepieces, pair, Huyguenian or widefield, 10X, 16X, field number, inter-pupillary distance and diopter adjustment • Magnification optics anti-fungus treated • Illumination: built-in halogen bulb, at least 6V/20W (2 pieces provided) and detachable mirror • Condenser, type Abbe, min. 1.25 NA, with centring and adjustment by rack and pinion, including iris diaphragm lever and dark field stop • Coloured filters (daylight), blue • Power requirements: 220 V/50 Hz complete with transformer • Power consumption: 50 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x detachable power cord • 1 x cleaning kit (brush, non-frying cloth, non-hazardous cleaning solution, lens tissue paper) • 1 x bottle immersion oil • 2 x eye shades • 1 x pair of tube caps • 2 x spare halogen bulbs • 1 x airtight plastic cover (to protect against dust and changing humidity) • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site 		
36.	Autoclave, steam, bench top, 20L, electrical	<ul style="list-style-type: none"> • Stand-alone bench top autoclave 20 L, automatic • Single door, self sealing with high-quality silicone gasket • Chamber diameter ca 25 cm, depth ca 45 cm • Pre-set automatic cycles for unwrapped instruments, wrapped instruments/packs; slow exhaust and drying cycles • Two automatic programmes, approx: 2,2 bar at 1340C and 1,1 bar at 1210C 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Panel reports temperature, pressure and time, low-water level, as well as system errors (f.e.door) • Fit with 5 L water reservoir, manual fill, autonomy for at least 10 cycles • Power shut-off upon completion of cycle • With 3 removable shelves • Double safety door locking device • Safety feature protect against over-pressure and over-temperature • Audible and visual alert upon cycle interruption or completion • unwrapped cycle time: cold 30 min, hot 20 min • Control panel with alpha-numerical display and cycle indicators • Complete with 3 instrument trays • Power requirements: 220 V/50 Hz single phase • Power consumption: 3000 W • Device is produced by ISO 9001 certified manufacturer • Device is safety certified according CE 93/42, FDA 510k or equivalent <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x set of 3 matching instrument baskets • 1 x set of 3 matching sterilising drums • 1 x roll of sterilisation indicator TST control spots • 1 x box paper sheets, crepe, for sterilisation pack • 1 x roll tape, adhesive, for sterilisation pack • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site • Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel 		
37.	Laundry washer/dryer, combo, 5kg	<ul style="list-style-type: none"> • Stand-alone automatic laundry washer • Capacity, approx: 5kg • Selection of five programmed wash cycles • Temperature selection: 30 to 90C • Dry spinning, approx: 1200 rpm • Integrated tumble dryer • Various degrees of drying out selectable • Electronic sensor monitors humidity and alarm at pre-selected level 		

SL NO	ITEM	SPECIFICATION	RATE IN FIGURE	RATE IN WORD
		<ul style="list-style-type: none"> • Safety feature protect against over-temperature • Support feet are height adjustable levelling the device • Power requirements: 220 V/50 Hz single phase • Power consumption: 2000 W • Device is produced by ISO 9001 certified manufacturer <p>Supplied with:</p> <ul style="list-style-type: none"> • 1 x set of connection tubing water supply • 1 x set of connection tubing water drainage • 1 x set of connection tubing water vapour exhaust • 1 x spare set of fuses • User manual with trouble shooting guidance, in English • Technical manual with maintenance and first line technical intervention instructions, in English • List of priced accessories • List of priced spare parts • List with name and address of technical service providers in India • Training and installation at end-user site 		
38.	General equipment	<ol style="list-style-type: none"> 1. AC (1.5 Tonne) E 2. Generator set 25-50 KVA 3. Refrigerator, hot zone, 110L 4. Voltage Servo-Stabiliser (three phase): 25-50 KVA 5. Computer with printer 6. Spot Lamps 7. Wall Clock with second hand 		