

| Item No | Code No | Technical Specification Requirements of Items required including applicable standards | Unit Pack Size | Bidder Query | CMST Response to bidder queries on specific items (Detailed Technical specifications) |
|---------|----------|---|----------------|----------------------------|--|
| a | b | c | d | e | f |
| | | CLASS H: SURGICAL EQUIPMENT | | | |
| 1 | HH366630 | Digital Weighing scale for Neonate and Infants: Weight 0 to 5 kg | each | | |
| 2 | HH000320 | Artery Forceps Straight: Size 6cm | each | | |
| 3 | HH067800 | Forceps sponge holding: Rampley/Foerster | pair | | |
| 4 | HH152400 | Thermometer Infrared Digital, Any size | each | | |
| 5 | HH192200 | Straight Elevators: 2mm | each | | |
| 6 | HH003350 | Anaesthesia Machine | each | No specifications provided | Anaesthesia Mindray Machine -WATO EX-65 Pro - Original WATO EX-65 Pro main unit, including: 15 inch touch screen, Ventilator, VCV Vent mode, TV setting 20-1500ml, alarm management, electronics/ digital flowmeters (w/ hyposic guard, w/ mechanical backup flow meter), module rack, work surface, 3 drawers with lock, central brake, auxiliary O2 outlet, LED light, alarm light, 2 batteries, pipeline pressure gauges, user manual, quick user guide, packing material. 15" touch screen Central brake PCV English(label) UK power cord Standard machine European ID Gas supply: O2, N2O & Air O2 & N2O & Air hoses NIST-2 connectors UK Gas Hoses Mechanical pressure monitor O2 driven w/bug atm, w/o Bypass Two vaporizer positions(selectatec) Independent ACGO Oxygen monitoring kit (O2 Cell) Air Driven Suction Unit Passive AGSS Disposable adult accessory kit V60 Isoflurane (Key-fill) Hardware Driven gas switching function Cylinder Yokes: O2 & N2O Auxiliary sockets Vaporizers V60 Isoflurane (Key-fill) V60 Sevflurane (Key-fill) Modules Multi-Gas Module(Auto ID) without paramagnetic oxygen cell AG Accessory Kit Multi-Gas/O2(Auto ID) with paramagnetic oxygen cell AG Accessory Kit BIS module BIS Accessory Kit(Ada) GCX bracket&gas bench for T8 Accessories Reusable adult accessory kit Reusable child accessory kit Disposable adult accessory kit Disposable child accessory kit Advance Software PCV-VG SIMV (SIMV-VC & SIMV-PC) SIMV-VG CPAP/PS Recruitment function LOOPS AA measurement Portable (battery operated) point of care analyser used at the patient's bedside for critical care tests such as blood gases, electrolytes, metabolites and coagulation. Uses cartridges. Quick results +/- 2 minutes. Small blood sample size required. Does not require air-conditioned room |
| 7 | HH004200 | Arterial blood gas analyzer (ABG) portable | each | No specifications provided | Portable (battery operated) point of care analyser used at the patient's bedside for critical care tests such as blood gases, electrolytes, metabolites and coagulation. Uses cartridges. Quick results +/- 2 minutes. Small blood sample size required. Does not require air-conditioned room |
| 8 | HH09914 | J-Vac Low Pressure Suction Drains | each | | |
| 9 | HH045900 | Diathermy machine | each | | Microprocessor control, auto inspection system; reusable return electrode (8 x 10mm) with self test and alarm test. Modes: CUT, BLEND CUT, MONOPOLAR, BIPOLAR, COAG; Power Source: 230 Vac; 50 HZ including trolley with drawer for electrodes, knife electrode, straight; angled; ball electrode 4mm; needle electrode |
| 10 | LL077100 | Stand, i.v. drip, mobile on casters:Extendable. Any length | each | | |
| 11 | HH050150 | Electric Infusion pump, with more modes, 1-1200ml/hour | each | | |
| 12 | HH091500 | Knife skin grafting blade | each | | |
| 13 | HH103250 | Multi Parametric patient Monitors With Eto, Monitoring Blood | each | | FUNCTIONAL DESCRIPTION: Vital signs monitor for adult, child and neonatal care, to measure the following parameters ECG, SPO2, Respiration, NIBP and Temperature in emergency, ICU or post operation MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE: - LCD Active Matrix Screen: o Screen size 12" minimum o Resolution: 640 x 480 dpi minimum |

| | | | | |
|----|----------|-----------------------------|------|--|
| | | | | <ul style="list-style-type: none"> o Number of simultaneous tracks 6 - Battery type: Li-Ion o Number of simultaneous batteries: 2 o Autonomy: 4 hours minimum o Charging time: 4 hours maximum - Capable of data recording and storage, trends and time/date - Waveforms (6) /Alphanumeric; - Sweep Speed: 12mm/sec, 25mm/sec, 50 mm/sec - Sensitivity: 0.5, 1,2 - Audible and visual alarms for each parameters with 4 levels of alarms: § Message § Warning § Alert § Critical o Silent mode and Pause mode: 3 minutes in neonatal mode and 5 minutes in adult resuscitation mode o Minimum volume: 70 dB at 1 meter - Display Parameters: o ECG (3 channels) § Safety Features: HI/Lo indicators for RR and HR; arrhythmia detection o SPO2 § Saturation range 0 to 100%, § Pulse rate range: 20-250bpm, o Heart Rate o Respiratory Rate: 0- 150 rpm o Blood pressure (NIBP): Adult / Child / neonatal o Temperature: 0-50°C - Electrical power supply o 220-240VAC, 50 Hertz ACCESSORIES: - 1 power cord - 1 dust cover - 3 sets of NIBP cuffs 3 sizes (infant, paediatric, adult) + tubing - 3 SPO2 sensors Infant /paediatric/adult reusable + cable - 3 temperature sensors paediatric/adult reusable + cable - 3 ECG Patient Cables for 3 channels; sensor + cable CONSUMABLES: - 1000 pre-jellified chest electrodes SPARE PARTS: - 1 Battery |
| 14 | HH104490 | Nebuliser Machine with acc. | each | <p>No Specifications Given</p> <p>Portable, compressor-driven nebulizer, for the treatment of upper/lower respiratory system and for the delivery of nebulized drugs</p> <p>Maintenance-free and oil-free compressor pump</p> <p>Air inlet filter</p> <p>Air flow under load: 5 – 6 l/min</p> <p>Drug nebulization flow 0.2 – 0.4 ml/min (depending on the available model)</p> <p>Integrated drug reservoir, capacity 2 - 6 ml, residual volume: 2 ml</p> <p>Median Mass Aerodynamic Diameter (MMAD) of particles: 2.44 – 3.16 µm</p> <p>Noise level: ≤ 35 dB</p> <p>Sturdy construction, suitable to be disinfected with hospital-grade products</p> <p>Device is provided with accessory storage compartment</p> <p>Power requirements 220 V / 50 Hz</p> <p>Power consumption: ≤ 170 W</p> <p>ITEMS SUPPLIED WITH (at a minimum)</p> <p>1 x reusable mouth-piece</p> <p>1 x air tubing set</p> <p>1 x reusable adult face masks</p> <p>1 x reusable paediatric face masks</p> <p>5 x air filters</p> <p>1 x nebulizer tank</p> |
| 15 | HH110751 | Oxygen Concentrator. | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>A device, which concentrates the oxygen from ambient air to supply an oxygen-enriched gas stream to patient</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - O2 concentration: > 95±3% - Oxygen delivery pressure: max. 5 bar ± 0.5 bar - Noise level: max <50 dB at 1 m distance - Flow meter: adjustable 0.5 l/min - Sieve beds height: 445mm - Sieve beds diameter 90mm - Two oxygen outlet ports - Heat sink with a water trap - On casters - Built-in power cable (non detachable) - Filtration: o Air inlet filter, o Compressor inlet bacteria filter o Outlet gas filter - Visual and audible Alarms: o Low pressure o Power failure o High temperature o Low oxygen concentration - Electrical power supply: o 220-240VAC 50Hertz |

| | | | | | |
|----|----------|---|------|----------------------------------|--|
| | | | | | <p><u>ACCESSORIES:</u></p> <ul style="list-style-type: none"> o 2x oxygen humidifier bottles <p><u>CONSUMABLES:</u></p> <ul style="list-style-type: none"> o 5 Adult nasal cannula o 5 Infant nasal cannula <p><u>SPARE PARTS:</u></p> <ul style="list-style-type: none"> o 5x compressor inlet bacteria filter o 5x outlet gas filter (final Bacterial filter) o 5x gross particle 1 filter o 5x Extended life intake bacterial filters o 1x pair of sieve bed |
| 16 | HH114950 | POP Cutter | each | Manually operated or Electrical? | See Electrical can cutter |
| 17 | HH117950 | Resuscitation Trolley | each | | <p>Size: 750*475*930MM</p> <p>High-strength alloy ABS board</p> <p>Dish basket, Utility container, File bag,</p> <p>Defibrillator shelf, sliding side shelf, C.P.R board</p> <p>Sliding side shelf, IV pole, Stainless steel guard rail, needle disposal holder, power outlet & hooks, oxygen tank holder</p> <p>Total lock key system</p> <p>Five ABS drawers, 3 big, 2 small each inner with partitions which can be organized freely into different size units depending on users wish. Four whish wheels, two with brakes</p> |
| 18 | HH144000 | Suction machine Electric twin pump (Ambu) | each | | <p><u>FUNCTIONAL DESCRIPTION:</u></p> <p>An electrical suction machine to extract body fluids from the human body</p> <p><u>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</u></p> <ul style="list-style-type: none"> - Electric pump, High-speed rotary vane type - Flow rate: up to 15 l / min - Vacuum regulation 0 - 750 mm Hg - Pressure gauge - Power switch and indication lamp - Autoclavable Perspex jars with holder min. 2L, complete with cover - Autoclavable tubes set - Anti-bacterial Filter - safety valve (booster) - Built-in power cable (non detachable) <p><u>ACCESSORIES:</u></p> <ul style="list-style-type: none"> o 5 set tube and connector |

| | | | | |
|----|----------|---|------|---|
| | | | | <ul style="list-style-type: none"> o 2x2 litres Perspex jars <p>CONSUMABLES:</p> <ul style="list-style-type: none"> o 5 antibacterial filters <p>SPARE PARTS:</p> <ul style="list-style-type: none"> 1x vacuum gauge |
| 19 | HH214650 | Ventilators Stationary With In-Line Nebuliation | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>Adult and infant ventilator with internal compressor that can be used for critical care, post-operative recovery, in-patient maintenance, and emergency transport.</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Patient Range: Infant/paediatric (>5 kg) – Adult - Screen display: >12" - Internal battery - Electrical power supply - Air/Oxygen Mixer: Integrated - Control/Settings <ul style="list-style-type: none"> • Quick Start Modes: Adult & Child <p><i>Ventilation Modes and specifications:</i></p> <ul style="list-style-type: none"> - Pressure and Volume: A/CVM - Pressure and Volume: SIMV, CPAP, Bi-PAP - Tidal Volume: 40 - 2,000 mL - Respiratory Rate: 0 or 5 - 60 b/min - Inspiratory Rate: 0.5 - 2.0 sec - PEEP/CPAP: 0 - 25 cmH2O - Pressure Support (PS): 0 - 25 cmH2O - Flow: 5 - 60 L/min - Pressure Control (Target Pressure): 15 - 55 cmH2O - Prrg (Sensitivity): -5 - -1 cmH2O - FIO2: 21% - 100% <p><i>Battery Parameters</i></p> <ul style="list-style-type: none"> - Run Time (100% O2): >6 hours <p><i>Alarms</i></p> <ul style="list-style-type: none"> - High Airway Pressure: Low Airway Pressure - Apnea - Low Source O2 - Low Source Air - Malfunction alert - Critical Battery - Measured Parameters <p><i>Monitored Parameters</i></p> <ul style="list-style-type: none"> - Paw (Peak, Base) - Delivered Tidal Volume - Spontaneous Breath Count - Internal Battery Level <p><i>Calculated Parameters</i></p> <ul style="list-style-type: none"> - I:E Ratio - Flow Rate - FIO2 <p><i>Gas Source</i></p> <p>Oxygen Input:</p> <ul style="list-style-type: none"> - 40 - 80 psi DISS connection - low-pressure (< 10 psi) connection for concentrators - Air Input: 40 - 80 psi DISS connection or entrainment via internal compressor <p>ACCESSORIES:</p> <ul style="list-style-type: none"> o 1 trolley 4 anti-static castors with two brake and one accessories basket o 3 Adult Patient circuits autoclavable o 3 Child Patient circuits autoclavable o 3 Set of anesthesia masks (S,M,L) autoclavable <p>CONSUMABLES:</p> <ul style="list-style-type: none"> o 50 Air filters (patient circuit) <p>SPARE PARTS:</p> <ul style="list-style-type: none"> o Preventive maintenance kits after operating for two year kits needed o Preventive maintenance kits after operating for one year kits needed o Preventive maintenance kits after operating for six months kits needed <p>3 Batteries</p> |
| 20 | HH00340 | Autoclave Table Top | each | <p>What is the capacity needed? Horizontal or Vertical type?</p> <p>4litres capacity with a powerful integrated vacuum pump, 30 to 45 minutes of sterilization time within 1 hour of drying time. It should have embedded Liquid and Prism programs and Bowie-Dick Test. It should have Electro-mechanical overheating protection, Electronic overpressure protection, Pressure safety valve, Mechanical pressure-dependent door lock and be of easy maintenance. Vertical type</p> |
| 21 | HH004501 | Cautery forceps for macroscopic surgery (Straight electric Bipolar surgical forceps with a 2mm width tip; Connector type USA) | each | |
| 22 | HH004502 | Electric cautery machine (20watts Bipolar coagulator with cautery leads) | each | Any accessories list? |
| | | | | <p>Bipolar forceps and Cable</p> <p>Electro plate and Cable</p> <p>Disposable electrocautery control pencil</p> <p>Single foot step.</p> |
| 23 | HH004510 | Cautery forceps (Bipolar coagulation forceps-McPherson type with angled lightfl blunted tips, connector type USA) | each | |
| 24 | HH006340 | Bear Hugger Warming Blankets | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>For temperature management of the patient</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Dimension: 38cm x 25cm x34cm - Weight: 7kg - Filter: High-efficiency, 0.2 micro filter |

| | | | | |
|----|----------|-------------------------------|------|--|
| | | | | <ul style="list-style-type: none"> - Operating Temperature o High: 43 Degrees ±1.5Degrees o Medium: 38 degrees ± 1.5 degrees o Low: 32 degrees± 1.5 degrees - Device rating: 220-240VAC, 50 Hertz, 7.2 Amperes - ACCESSORIES: • 1x power cable British type |
| 25 | HH009652 | Blood Warmer | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>To heat blood and fluids prior to transfusion into the patient</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - To accommodate tube sizes from 3.5mm - Inlet temperature span 15 to 25 degrees - Outlet temperature span 30-41 degrees - Temperature accuracy ±1 degree - Warming up time from 20 to 36 degrees approx. 2 minutes - Alarm at 42 degrees with sound - Should go off at 44 degrees - It should be on a stand with five wheels with brakes - Power supply o 220-240 VAC, 50-60Hertz <p>FUNCTIONAL DESCRIPTION:</p> <p>A simple to use automated external defibrillator (AED) that automatically diagnoses the life-threatening cardiac arrhythmias of ventricular fibrillation and pulseless ventricular tachycardia and through simple audio and visual commands is able to treat them through defibrillation, the application of electricity, which stops the arrhythmia, allowing the heart to re-establish an effective rhythm.</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Audio and visual commands - Bi-Phase technology - Output energy levels up to 200 Joules. - A paediatric mode with automatic paediatric pad recognition - Visible readiness display - Being portable and lightweight - A display messages to prompt user through operating sequence - Audible tones that are coded and alerts users of operational sequences in English language - A low battery indicator - Event storage and review capabilities for code summaries and operator/ device actions. - Built-in battery pack and charger - Self tests on functionality, battery and electrode connection - Being splash Proof, Dust Protected IEC60529 class IP54, Splash Proof, Dust Protected (Battery Pack installed) - Being Shock/Drop abuse tolerant MIL-STD-810F 516.5 Procedure IV (1 meter, any edge, corner, or surface, in standby mode) <p>ACCESSORIES:</p> <ul style="list-style-type: none"> o 1 Transport bag <p>CONSUMABLES:</p> <ul style="list-style-type: none"> o Patient electrodes (pads) – single use – pack of 100 for adults and 00 paediatric pads <p>SPARE PARTS:</p> <ul style="list-style-type: none"> o 1 battery pack |
| 26 | HH009750 | Automated External defibrator | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>A simple to use automated external defibrillator (AED) that automatically diagnoses the life-threatening cardiac arrhythmias of ventricular fibrillation and pulseless ventricular tachycardia and through simple audio and visual commands is able to treat them through defibrillation, the application of electricity, which stops the arrhythmia, allowing the heart to re-establish an effective rhythm.</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Audio and visual commands - Bi-Phase technology - Output energy levels up to 200 Joules. - A paediatric mode with automatic paediatric pad recognition - Visible readiness display - Being portable and lightweight - A display messages to prompt user through operating sequence - Audible tones that are coded and alerts users of operational sequences in English language - A low battery indicator - Event storage and review capabilities for code summaries and operator/ device actions. - Built-in battery pack and charger - Self tests on functionality, battery and electrode connection - Being splash Proof, Dust Protected IEC60529 class IP54, Splash Proof, Dust Protected (Battery Pack installed) - Being Shock/Drop abuse tolerant MIL-STD-810F 516.5 Procedure IV (1 meter, any edge, corner, or surface, in standby mode) <p>ACCESSORIES:</p> <ul style="list-style-type: none"> o 1 Transport bag <p>CONSUMABLES:</p> <ul style="list-style-type: none"> o Patient electrodes (pads) – single use – pack of 100 for adults and 00 paediatric pads <p>SPARE PARTS:</p> <ul style="list-style-type: none"> o 1 battery pack |
| 27 | HH010201 | Cardiologocraphy paper | each | Any particular sizes other than the difference between Item 27 & 28 |
| 28 | HH010210 | Cardiologocraphy Paper | each | Any particular sizes other than the difference between Item 27 & 28 |
| 29 | HH010400 | Dialysis Machine | each | <p>Is the RO Plant already available at site? Is the place for installation ready?</p> <p>FUNCTIONAL DESCRIPTION:</p> <p>To be used on patients with kidney failures</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <p>Fully automatic and integrated unit. Compact and mobile with lockable castor wheels. Able to upgrade to new treatment options. Shall conform with IEC 60601-1 standard. Auto self-test with auto priming. With IV bottle holder/hanger</p> <p>CONTROL PANEL</p> <p>Soft touch or touch screen controls. Monitoring of parameters with alarm facilities.</p> <p>Conductivity, Arterial, Venous & transmembrane pressure shall be monitored with display bar. The ability to calculate the Kt/V during treatment. Built-in variable rinsing program.</p> <p>DIALYSATE PUMPING SYSTEM</p> <p>Variable dialysate flow up to 800ml. Selectable dialysate temperature from 35 to 39 deg C.</p> <p>Dialysate concentration conductivity range 13 to 15.5 mS/cm at 25 deg C. Selectable ultra-filtration rate from 0 to 4 lit per hr.</p> <p>Blood leak sensitivity shall be of 0.5ml/min.</p> <p>BLOOD PUMPING SYSTEM</p> <p>Arterial pressure monitoring. Indicating range from -300 to +280 mmHg.</p> <p>Venous pressure monitoring. Indicating range from -60 to +520 mmHg.</p> <p>Transmembrane pressure monitoring. Indicating range from -60 to +520 mmHg. Blood pump delivery range from 30 to 600ml/min.</p> <p>Air direction shall be by ultrasonic transmission or equivalent. Heparin pump delivery range from 0 to 10ml/hr. Variable syringe sizes shall be used in the system.</p> <p>DISINFECTION SYSTEM</p> <p>Cleaning system shall comprise of cleansing, heat cleansing, disinfecting and heat disinfecting.</p> <p>The offer shall include installation work of connecting the unit to the water treatment system.</p> <p>The system offered shall be designed to operate normally under the conditions of the country. The conditions include power supply, Climate, Temperature, Humidity and etc.</p> <p>ACCESSORIES AND OTHER REQUIREMENTS</p> <p>All standard accessories/consumables/parts required for the proper operation of the above item shall be included</p> <p>All standard Maintenance tools and cleaning/lubrication materials where applicable shall be included.</p> <p>Operation manuals and service manuals, at least 1 set each, in English language</p> <p>Manufacturing certificate</p> |

| | |

| |

Spare parts list

| | | | | |
|------------------------------------|----------|--|------|--|
| 30 | HH088300 | Syringe Pump | each | <p>Infusion line, blood line 100 sets each</p> <p>FUNCTIONAL DESCRIPTION: Syringe pump to gradually administer small amounts of fluid to a patient by mechanically pushing a syringe</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Rechargeable back up battery - Accuracy of set delivery rate: <± 0.5% - Flow rates 0.1-1200 ml/h for 50ml and 0.1 – 100 ml/hr for 20ml syringe - Volume infused display: 0.9999ml - It should accommodate almost all types of syringes - Alarms: Door open, occlusion, air-in-line, low battery - Automatic bolus volume reduction - Backlit graphic display, ~40° read angle from all sides - Splash Proof, Dust Protected (Battery Pack installed) IEC60529 class IP54. - Shock/Drop abuse tolerant MIL-STD-810F 516.5 Procedure IV (1 meter, any edge, corner, or surface, in standby mode) - Ability to be mounted on an IV pole (include accessory if necessary) - Electrical power supply: <ul style="list-style-type: none"> o 220-240VAC 50Hertz <p>CONSUMABLES:</p> <ul style="list-style-type: none"> o 30 starting off syringes <p>SPARE PARTS:</p> <ul style="list-style-type: none"> - 1 battery pack |
| 31 | HH192302 | Emergency Box (Crush Cart) | each | <p>FUNCTIONAL DESCRIPTION: As the name denotes a box consisting of emergency devices</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Endotracheal tubes - Oral air way - Laryngoscope,Bougie, Stylet - Magill forceps - Pulse oximeter machine, portable - Glucometer - Manual Blood pressure machine <p>ACCESSORIES:</p> <ul style="list-style-type: none"> o 2 Pulse oximeter probes o 2 BP cuffs o 2 BP Bulb with air release valve <p>Consumables:</p> <p>Spare parts:</p> <ul style="list-style-type: none"> o 2 Pulse oximeter probes o 2 BP cuffs o 2 BP Bulb with air release valve |
| 32 | HH366440 | Digital Mobile X-Ray Machine | each | <p>FUNCTIONAL DESCRIPTION: The mobile x-ray machine will be used for external body examination</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE: <i>At x-ray department they have a new mobile x-ray machine which is very good as we get spec from there</i></p> <p>ACCESSORIES:</p> <ul style="list-style-type: none"> - 5x Spare parts bulbs |
| CLASS I: OPHTHALMIC ITEMS | | | | |
| 33 | II021000 | Voik 7SD Non-Contact Slit lamp lenses | each | |
| 34 | II021300 | Voik 90D Non-Contact Slit lamp lenses | pair | |
| 35 | II048900 | Direct Ophthalmoscopes (Heine mini 3000 LED ophthalmoscope with handle) | set | Need to be the same brand or can be any brand? being specified brand |
| CLASS I: HOSPITAL EQUIPMENT | | | | |
| 36 | LL096210 | Soft stress squeeze ball for hand for flexibility 7cm | each | |
| 37 | LL000260 | 20 Litre Pressure Steriliser 20 litres | each | Need simple Conventional or Table top type? table top |
| 38 | LL000263 | Medicine ball, standard; 14" in diameter, moisture resistant, 9 lb.; 14 inch diameter, moisture resistant, 8 lb. | each | |
| 39 | LL004900 | obstetric bed with mattress, delivery table (spec as attached) | each | <p>Medical examination couch should be Stainless steel exam couch bed with back section adjustable</p> <p>Quick Details Material: metal Metal Type: Stainless Steel</p> |

| | | | | | |
|----|----------|--|------|----------------------------|---|
| | | | | | Size: 190*60*66cm Epoxy coated steel structure Foam mattress with PVC cover Back section is adjustable from 0 to 80° by mechanical hinge Working load: 220kg |
| 41 | LL063040 | Kidney Dishes 20Cm ;20 cm | Each | | |
| 42 | LL063950 | Lockable stainless steel drug cabinet 4 shelves 160cm x 50 c.;160cm x 50 | each | | |
| 43 | LL063960 | Lockable stainless steel storage double door cabinet 5 shelv ;160cm x 50 c. | each | | |
| 44 | LL068750 | Patient Weighing Scales ;for Adults up to 200kg | each | Digital or Analog? | Step on, digital type |
| 45 | LL073400 | Massage media (baby oil);500ml | each | | |
| 46 | LL083465 | Trolley,Medicine,with drawer ;160cm x 50 | each | | |
| 47 | LL073400 | Massage media (baby oil);500ml | each | | |
| 48 | LL083465 | Trolley,Medicine,with drawer ;160cm x 50 | each | | |
| 49 | LL083460 | Trolley,Medicine,3 Layer, 4 wheeled stainless steel standard ;60x45x80 | each | | |
| 50 | LL084200 | Dumbbell weights, adjustable, 4kg;4 kg each | each | | |
| 51 | LL085400 | Therapy ball, anti burst rehabilitation exercise ball, 18";The range of inflation for all the stability balls is between 0.6 PSI and 0.9 PSI | each | | |
| 52 | LL085600 | Therapy ball, anti burst rehabilitation exercise ball, 26";The range of inflation for all the stability balls is between 0.6 PSI and 0.9 PSI | each | | |
| 53 | LL085700 | Transcutaneous electric nerve neural stimulator, machine syst;250mm(L), 70mm(H), 230mm(D);2.2Kg, 220v 50hz, 2, 10, 50, 100 & 125hz ;250mm(L), 70mm(H), 230mm(D);2.2Kg, 220v 50hz, 2, 10, 50, 100 & 125hz | each | | |
| 54 | LL086300 | Infrared physical electric red therapy machine for acupuncture;Pressed and welded handle to head ; | each | | |
| 55 | LL099910 | Therapeutic Ultrasound Machine Physiotherapy ; | each | No specifications provided | HMS brand Digimonic 3s Ultrasound therapy unit 1 and 3 MHz Mains voltage: 90-270 V LCD Display Dimensions: 23cm x 22.8cm x 9.5cm (L X B X H) Weight: 1.7 Kilograms Ultrasonic therapy Functional Frequency: 1 MHz Intensity maximum: 3w/cm2 Operating Voltage: 220V AC 50Hz digital display Dimensions: 295mm x 110mm x 295mm (L x H x D) Weight: 3Kilograms - Gel - Ultrasound scanning paper |
| 56 | LL091300 | Refrigerator/freezer, 1/110C, net capacity 159 + 104 litres ;1/110C, net capacity 159 + 104 litres | each | | |
| 57 | LL080100 | Tablet counting tray;Any size | each | | |
| 58 | LL084220 | Dumbbells, 4Kg ;4kg | each | | |
| 59 | LL050750 | Delivery bed with mattress | each | | Bed base, frame and leg should be all made of cold-rolled steel plate and tube and coated by electrostatic spray after twice electroplating. Back rest: 0-75 degrees by double ratchet Knee rest: 0-90 degrees SPECIFICATIONS Outside size Thickness of the mattress Material Leather colour Accessories |
| 60 | LL061560 | Bed hospital adult HDU with side rails | each | | FUNCTIONAL DESCRIPTION: |

| | | | | | |
|----|----------|--|------|--|--|
| | | (Hemodialysis bed) | | | <p>Bed for adults for long and short stays in the ICU, providing optimal access for hospital personal and comfort for the patient</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Dimension approx. L 180x W 100x H 450-750 cm. - Electrically driven, input power 220-240VAC, 50HZ and preferred output to actuators should be 24VDC - 18/10 stainless steel structure with a minimum diameter of 40 mm - Polyester powder coated and baked finished. - Bed head/foot board made of ABS plastic or equivalent. - Washable and removable; - Height adjustable 450-750 mm. - Back rest tilting angle 6-80 degree. - Knee rest tilting angle 0-40 degree. - Supplied with TV, Bed. - Collapsible type guard rails cross-over - Caster wheels, industrial types, 20cm diameter with brakes - 2 collapsible type guard rails cross-over - Mattress o Length and width matched with the bed size of adult hospital bed o Thickness min 15 cm o Washable o Waterproof PVC proof cover o High-density foam filling; minimum density of 30kg/m³ <p>ACCESSORIES:</p> <ul style="list-style-type: none"> o 1 Spare watertight proof cover <p>SPARE PARTS:</p> <ul style="list-style-type: none"> o 4 Spare wheels |
| 61 | LL061570 | Beds adjustable with wheels and supporting side rails. | each | | |
| 62 | LL069050 | Pill counting trays, stainless steel | each | | |
| 63 | LL077400 | Sterilizer, electrical 3 drum | each | Need drum or sterilizer? if Drum, need dimensions and capacity? if Sterilizer - Need all other informations like Capacity / Horizontal / Vertical etc. | Sterilizer, instrument, 27.5 x 14 x 10cm, electrical |
| 64 | LL082200 | Trolley instrument, Each | each | | <p>FUNCTIONAL DESCRIPTION:</p> <p>Trolley to position instruments during operations and other interventions</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - 18/10 stainless steel structure - Double Stainless steel tray of minimum dimensions: 600 x 450 x 800 (H) mm - Rounded corners - 40 x 40 mm square feet - 4 caster wheels with brakes (2) <p>SPARE PARTS:</p> <ul style="list-style-type: none"> - 4 spare wheels |
| 65 | LL085000 | Water distiller, Vol 400-500 litres, Flowrate 40-50 l/h | each | | |
| 66 | LL085400 | Therapy ball, anti burst rehabilitation exercise ball, 18"; Therapy, anti burst rehabilitation exercise ball, 18"; The range of inflation for all the stability balls is between 0.6 PSI and 0.9 PSI | each | | |
| 67 | LL085600 | Therapy ball, anti burst rehabilitation exercise ball, 26"; The range of inflation for all the stability balls is between 0.6 PSI and 0.9 PSI | each | | |
| 68 | LL085900 | Therapy, anti burst rehabilitation exercise ball, 30"; The range of inflation for all the stability balls is between 0.6 PSI and 0.9 PSI | each | | |
| 69 | LL089900 | ECG machine 12 lead Mindray R-12 | each | | <p>The ECG machine should be 12 channels ECG.</p> <p>Description: Digital multi-channel electrocardiograph</p> <p>Specification:</p> <ul style="list-style-type: none"> - Sampling rate: 210mm/216n thermal folding paper - Sensitivity: AC: 8h; DC: 5h - Time Constant: ±610mV - CMRR: ≥ 50dB(10Hz) - Patient Leakage Current: Max.1000bits: support SD card, USB - Input mode: 5.6, 25, 12.5, 25, 50mm/s ±2% (Sleves adjustment) - Input current: Thermal array printer 210mm/216n thermal folding paper - Calibration voltage: Ø AC : off/ 50Hz/60Hz (-20dB), Ø EMG: 25/35/45/75 Hz (-3dB), Ø DFT: off/0.05Hz/0 - Frequency response: 24bits <p>Hydraulic surgical operation table for orthopedicenergy c-arm compatible</p> <p>PRODUCT DESCRIPTION</p> |
| 70 | LL100000 | Theatre bed (Operating Table) | each | | |

| | | | | | |
|----|----------|--|---------|---|---|
| | | | | | <p>4 The table should be suitable for surgical procedures of the head, neck, thorax and abdomen, perineum and extremities as well as for gynecology, otolaryngological and orthopedic operation.</p> <p>5 The table's elevation, lowering, reversed Trendelenburg, Trendelenburg, lateral tilt can be all automatically controlled.</p> <p>6 Leg section can be rotated, opened, disassembled and adjusted easily.</p> <p>7 It is most suitable for the urological operation. The table top should be made of high strength glass that can move backwards and forwards. X-Ray examination can be carried out on it. It can be raised or lowered hydraulically by means of an oil pump. Various positions can be controlled from both sides.</p> <p>8 Chains made of an outside covers are stainless steel.</p> <p>SPECIFICATION</p> <p>Overall Length: 2100mm</p> <p>Width: 500mm</p> <p>Height: 750-950mm</p> <p>Reversed Trendelenburg: 15°</p> <p>Trendelenburg: 20°</p> <p>Lateral tilt: 18°</p> <p>Longitudinal Movements: 400mm</p> <p>Head Section fold up/down: 45°/90°</p> <p>Kidney Bridge Elevated: 120mm</p> <p>Leg Section fold down: 90°</p> <p>Leg Section opened: 90°</p> <p>Back Section fold up: 55°</p> <p>Safe Load: 200kg</p> <p>The bed should also have the following accessories and quantities</p> <p>1 Head section: 1</p> <p>2 Anesthetic Screen: 1</p> <p>3 Body support: 2</p> <p>4 Shoulder support: 2</p> <p>5 Arm rest: 2</p> <p>6 Knee crutch: 2</p> <p>7 Cushion: 1</p> |
| 71 | LL100000 | Theatres Beds, adjustable, max 200kg | each | Hydraulic or Electrically operated? We have noticed CMST Code for Item no. 70 and 71 are same i. 100000. So what is the difference between these 2? | hydraulic (item 70 and 71 are the same, therefore item no. 71 has been removed and respective quantity added to item no 70 |
| 72 | LL000268 | Medicine ball, weight 2kg | each | | |
| 73 | LL099920 | Brown cotton Cloth | 1 meter | | |
| 74 | LL072201 | Pegboard Wooden block | each | | |
| 75 | LL000268 | Medicine ball, weight 2kg | each | | |
| 76 | LL099920 | Brown cotton Cloth | 1 meter | | |
| 77 | LL072201 | Pegboard Wooden block | each | | |
| 78 | LL051710 | Mindray USS Machines, with Doppler, abdominal and transvaginal (ULTRASONOGRAPHY MACHINE) | each | Very minimal information was provided, Kindly clarify if you need Portable or Fixed, whether cart / stand is needed, Printer (B & W or colour) Battery? | <p>1 System must be a state of the art model & have all digital beam former technology with super computed processing and clinically proven imaging technologies.</p> <p>2 System should be offered with the following applications : abdominal, obstetric/ gynaec, small parts, musculoskeletal, TCD, vascular, cardiac.</p> <p>3 System must be offered with a minimum of 60,000 digital processed channels per image frame.</p> <p>4 System must be offered with frequency compounding facility. Other equivalent technology can also be offered.</p> <p>5 System must be offered with Speckle Reduction Imaging- image processing technique to remove speckles & clutter artifacts.</p> <p>6 Should have state of the art Transmit Real Time Compound Imaging Technology</p> <p>7 System must be offered with a very high dynamic range of at least 170dB to pick up subtle echoes.</p> <p>8 Frequency processing facility for the transducers should be 1-12 MHz. This must be available without the need for frequency switching.</p> <p>9 Must have at least 3 Active Integrated Transducer Ports with electronic switching.</p> <p>10 System must be offered with an acquisition frame rate of at least 750 Frames/ second.</p> <p>11 Must be offered with a single button control for automatic optimization & adjustment of TGC and Receiver Gain</p> <p>12 System must be offered with a single button control for automatic optimization & adjustment to achieve uniformity of Colour Gain/ Spectrum for faster scans.</p> <p>13 System must be offered with a single button control for automatic optimization for uniformity of Spectral Doppler.</p> <p>14 System must be offered with 2D, M-mode, Colour M-mode, Colour flow, Pulse Wave Doppler, and Colour Power Doppler.</p> <p>15 Triplex Imaging should be standard on the system.</p> <p>16 The system should have at least 20 user programmable parameters.</p> <p>17 The system should have at least 100 seconds of Clip storage facility.</p> <p>18 The system shall offer both Trapezoid & Panoramic Imaging.</p> <p>19 System should allow for live image & archive images side-by-side or quad display on a single monitor. This display shall allow any type of image on either side.</p> <p>20 The system should provide scan depths from a minimum of 2 cm or less to a maximum of 30 cm or better.</p> <p>21 User Interface a) On/Off task light & Backlit illumination of control panel. b) Easily accessible, full size qwerty keyboard for text entry, functional keys & system programming. c) Thumbwheel menu provides on-screen thumb-nails of images & dynamic clips during exams.</p> <p>22 Monitor a) System must be offered with an above 19-inch high resolution, flat panel, medical grade monitor with wide viewing angles & good colour resolution. b) Resolution - 1024x768pixels or better.</p> <p>23 Internal Hard Disk of 250 GB or more. Image storage as raw data & DICOM images. Conversion to JPEG, AVI, and MPEG file formats available.</p> <p>24 Should have facility to transfer images to an integrated DVD writer, without any interfacing.</p> <p>25 Raw data processing a) The system shall allow for post-storage image manipulation Doppler Gain, Angle correction, Doppler Base Line, sweep speed & inverted spectral waveform. b) System should provide a display zoom function on frozen images. c) System should have the facility of performing measurements & annotations on stored images.</p> |

| | | | | |
|----|----------|---|------|--|
| | | | | <p>26 1. Cine Function : a) Cine Review upto 1200 frames b) Independent Cine Review in 2D/M, 2D/Doppler, 2D/C/Doppler, etc.</p> <p>27 Measurements & Calculations -a) All general measurements & calculations for all applications with digital calipers for distance, area, volume, circumference and Doppler wave form parameter measurements. b) Customizable Anatomy Description</p> <p>28 2. TRANSDUCERS: a) The system must be provided with the following transducers : i) 2-5 MHz Broadband Curved Array Transducer. ii) 4-9 MHz Broadband Tightly Curved Endocavitary Array Transducer with minimum 140-degree field of view, but if bidder has larger angle available must supply that iii) 5-12 MHz Linear Array Transducer. iv) 2-4 MHz Broadband Phased Array Adult Echo Transducer for with CW Doppler. Complete cardiac package b) Tissue Harmonic Imaging, Compound Imaging & Doppler Mode should be available on all probes. Doppler cursor shall be user-steerable with linear transducers.</p> <p>29 Upgradeable to 4D (Minimum – 30 fps)</p> <p>30 System Power : 200-240V, AC, 50Hz</p> <p>31 The System should have DICOM 3.0 (minimum) as standard. (DICOM ready system)</p> <p>32 System Interface: 1 no. Ethernet connectivity, 2nos. RS 232C Serial port Connector, 2nos. USB 3.0 Port, & AC Main outlet.</p> <p>33 DICOM PUSH/ QUERY/ RETRIEVE. Connectivity to RIS/ PACS/ HIS.</p> <p>34 System should be supplied with the following peripheral devices: a) 3 KVA Online UPS b) USB Colour Laser Printer of reputed brand with built in image management Software.</p> <p>35 FDA & CE (Should be from Notified Body) approval</p> |
| 79 | LL053001 | Incubator infant | each | <p>FUNCTIONAL DESCRIPTION: An infant incubator is an apparatus used to maintain environmental conditions suitable for a neonate (new-born baby). It is used in preterm births or for some ill full-term babies.</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Heating power <40W - Sound level <50dB - 2 Temperature control modes o Skin mode with probe from 35 to 38 ° C with safe access above 37 ° C and 0.1 degree Celsius increment o Ambient air mode: 28 to 39 ° C with secure access below 28 ° C and above 37 ° C and 0.1 degree Celsius increment - Pre-set hygrometry with removable water tray with visualized level: min. 45% max. 70% +/- 10% - Oxygen input - Audible and Visual alarm for Hi and Low air Temperature; temperature Failure indicator; Overheat temperature automatic shut-off Fan motor failure indicator and power failure indicator. - Dimensional cabin not less than (L x W x H 890x455x435 mm) - Front side: cutaway, 2 large side opening doors with 2 hand ports - Back side: cutaway, 2 hand ports - 2 hubing ports - Ergonomic hinge locks allow opening of hand ports with elbows - Pairs facilitate the passage of sensors and hoses - Procline /decline +/- 10° - Rail door accessories head - Washable air filter - IV pole - Chassis equipped with 4 swivel casters including 2 with brake - Memory mattress - Storage space - Comply with IEC 60601-2-19:2009 Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators - Electrical power supply o 230-240VAC, 50 Hertz <p>ACCESSORIES:</p> <ul style="list-style-type: none"> o Medical grade memory foam mattress same size as bed platform o 3 reusable Temperature skin probes <p>CONSUMABLES:</p> <ul style="list-style-type: none"> o 50 foam temperature probe covers (single use) <p>SPARE PARTS:</p> <ul style="list-style-type: none"> 1 heating element |
| 80 | LL061800 | Infant resuscitator, clear plastic + mask + bag | each | 2 |
| 81 | LL063940 | Resuscitaire Infant Warmer | each | <p>FUNCTIONAL DESCRIPTION: A mobile baby warming and resuscitate unit after delivery procedures. It combines a warming therapy platform along with the components required for clinical emergency and resuscitation.</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Mobile, with caster breaks - Operational modes o Pre-Warm o Air mode /non servo |

| | | | | |
|----|----------|--|------|--|
| | | | | <ul style="list-style-type: none"> o Baby mode/ servo - Control box with LCD screen - Overhead Radiant Heater with power: 1000W with low temperature glass ceramic emitter - 2 Temperature control modes - Skin mode with probe from 35 to 38 ° C with safe access above 37 ° C - Ambient air mode: 20 to 39 ° C with secure access below 28 ° C and above 37 ° C - (Skin) Temperature Indicator - Heater Control Indicator - Bed-platform, dim. approx. L700mm X W350mm - Height adjustable bed platform 700 mm to 1000 mm - Bed platform accessible from 3 sides with movable rails - Examination Light - Audible and Visual Alarms for Sensor disconnect, high temperature, low temperature and Power failure - Appar Timer - O2 and Air pipeline connections. - O2 and Air Cylinder yokes-Bull nose type - O2 / Air Blender - O2 Flow meter 0 to 15 LPM - Pipette and Venturi Neosatal Section - Airway Pressure limiting system 0 to 50 cm H2 - Resuscitation Storage compartment and drawers. - IV-pole on instrument shelf - Comply with IEC 60601-2-21:1997 - Medical electrical equipment- Particular requirements for safety- Specification for infant infant monitors - Electrical power supply o 220-240VAC, 50 Hertz ACCESSORIES: o Medical grade mattress same size as bed-platform o 3 reusable Temperature probes CONSUMABLES: o 50 heat probe covers (single use) SPARE PARTS: o 2 Heating element |
| 82 | LL066100 | Carbondioxide Gas Monitor | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Capnography o Measure: Mainstream and SideStream o Preheating time: 2 minutes maximum o Scale: 0 to 100 mmHg o PkCO₂ / FkCO₂: 0 to 50 mmHg o Measured information § CO₂ inspired § CO₂ expired § Concentration in% § Breathing § Continuous CO₂ curve - Electrical power supply o 220-240VAC, 50 Hertz ACCESSORIES: - 1 ground cable - 1 power cord - 1 dust cover - 1 cart with brakes - 3 sets of NIBP cuffs 3 sizes (infant, paediatric, adult) + tubing - 3 SPO₂ sensors paediatric/adult reusable + cable - 3 temperature sensors paediatric/adult reusable + cable - 3 ECG Patient Cables for 3 channel sensor + cable CONSUMABLES: - 1000 chest electrodes - 1000 Airway Adapter Single Use (CO₂ Mainstream) - 1000 Deadspace Single Use (CO₂ Mainstream) |
| 83 | LL087100 | Hospital Screen on casters, 4-panel with curtain | each | <p>FUNCTIONAL DESCRIPTION:</p> <p>Foldable screen to position between hospital beds or to separate a space to create privacy for patients</p> <p>MINIMAL TECHNICAL REQUIREMENTS SHALL INCLUDE:</p> <ul style="list-style-type: none"> - Four fold screen - Tubular frame 30x15mm epoxy steel - Height approx. 180cm. - Side panels of 60 cm, fireproof and washable plastic fabric |

| | |

| |

| |
|---|
| Mobile on 4 swivel wheels and 2 adjustable glides |
|---|

| |
|------------|
| Accessoire |
|------------|

| | | | | CONSUMABLES |
|----|-----------|---|------|--|
| | | | | a Transport and washable plastic fabric |
| | | | | SPARE PARTS |
| | | | | a 4 spare wheels |
| 84 | LL088300 | Mobile Mindray Ultrasound Scanning Machine | each | No specifications provided |
| | | | | With convex probe, linear probe, Transvaginal probe. |
| | | | | SONY thermal printer for Mindray Ultrasound Machine2 |
| | | | | Sony UP-X980MD Video Thermal printer for Ultrasound machine |
| | | | | Resolution ratio: 325 DPI |
| | | | | Gradual change: 8 (256color)/handle |
| | | | | Pixel: digit:4096x1280pixel |
| | | | | Video NTSC:720x504 |
| | | | | Video PAL:720x604 |
| | | | | Imageregion digit:320x100mm/ 12 5/8x3 7/8inch(max) |
| | | | | STD video NTSC:94 X73mm,video PAL:94 X71mm(WIDE1) |
| | | | | STD Video NTSC:124x96 mm,videoPAL :127x96 mm(WIDE1) |
| | | | | Paper size: Paper width: 110mm(4 3/8inch) |
| | | | | Printing time |
| | | | | High Speed>About 1.9s/image; Normal speed mode: about 3.3s/picture |
| | | | | Image internal storage |
| | | | | digit:4096 X 1280x8 |
| | | | | video:10 frame memory(850 KX 8 / frame) |
| | | | | Interface: be suitable for USB |
| | | | | High Speed USB(USB 2.0(X1)) |
| | | | | Video Input: BNC: stype(X1),NTSC or PAL,composite video signal |
| | | | | 1.0 Y-p-p :750hm(NTSC / PAL,automatic identification) |
| | | | | videooutput:BNC stype(X1) |
| | | | | long-distance:Stereo mini jack(X1) |
| | | | | Printer driver software Microsoft Windows XP 32/64 Vista 32 / 64,7 32 / 64,8 32/64 |
| | | | | Power Requirements AC 100volt-240volt,50/60Hz |
| | | | | Input current 1.3 A~0.6 A |
| | | | | Operating temperature: 5°C~40°C(41°F~104°F) |
| | | | | Operating humidity 20%~80%(no condensation) |
| | | | | Storage8 Transport Temperature -20°C to + 60°C(-4°F to + 140°F) |
| | | | | Storage8 Transport Temperature 20%~80%(no condensation) |
| | | | | Size(width X heigh X depth) 154 X 88x240mm(6 1/6x3 1/2x9 1/2inch) |
| | | | | Weight 2.5kg(5pound 8OZ) |
| | | | | Standard for Safety(USA/Canada)ANSI / AAMI ES60601-1,UL 60601-1,UL 60950-1,CAN / CSA-C22.2 No.60601-1,CAN / CSA C22.2 No.601.1,CAN / CSA C22. 2 No.60950-1(EU) |
| | | | | EN 60601-1,EN 60950-1(CB)IEC 60601-1(Version 2/3),IEC 60950-1 |
| 85 | LL0883100 | Ultrasound Scanning Machine colour screen 20" | each | General characteristics: Full digital; Should have 15" or bigger high resolution monitor with tilt and swivel; Line density of 512 lines; dynamic range>160dB; with penetration depth (Adjustable scanning depth); up to 30 cms; and up to 4 selectable frequencies in each probe. Must have minimum of 4 rendering scanning modes with measurements - B, B/B, M, B/M; panoramic imaging up to 240 cms or 1800 with colour and cine facility; cine loop not less than 128 frames; has the ability to enhance 2D and tissue harmonic penetration and colour sensitivity momentarily to improve visualization in difficult patients; digital image processing; panoramic zoom in real time and frozen conditions; printing of the image on thermal paper; built-in image archive not less than 16 frame; image freezing mode; automatic image optimization |
| | | | | Can perform measurements: distance, circumference, area, angle, volume, velocity, time, heart rate; with two USB ports: video printer and laser printer parts; footswitch operation. |
| | | | | Continuous working hours: >= 8 hrs |
| | | | | Display: Built-in, colour monitor; PC Based Image management system preferably windows; non-interlaced; visual displaying mode selection |
| | | | | Thermal printer: Black and white thermal video printer, black and white laser jet printer for reporting |
| | | | | Transducers/Probe: B/Array element B60 or better |
| | | | | 1. Electronic multi frequency convex transducer with basic frequency 3.5 MHz approx., in a range from 2.0 up to 5.0 MHz approx., with continuous or fixed frequency changing |
| | | | | 2. Electronic multi frequency linear transducer with basic frequency 7.5 MHz approx., in a range from 5.0 up to 10.0 MHz approx., with continuous or fixed frequency changing |

| | | | | |
|----|-----------|--|------|---|
| | | | | <p>3. Electronic multi frequency endocavity transducer with basic frequency 6.5 MHz approx., in a range from 5.0 to 8.0 MHz approx., with continuous or fixed frequency changing.</p> <p>4. Electronic multi frequency transvaginal transducer with basic frequency 7.5 MHz approx., in a range from 3.0 to 9.0 MHz approx., with continuous or fixed frequency changing.</p> <p>Examinations and calculations for: Abdominal; Obstetric; Gynaecology; Urology; Cardiology; Small parts; Orthopaedics</p> <p>The unit shall be capable of operating continuously in ambient temperature of 400 C and relative humidity of 80%. Resettable over current breaker shall be fitted for protection.</p> <p>Spile protector of appropriate rating should be provided. UPS of suitable rating conforming to IS-302 shall be supplied.</p> <p>Power supply: 220-240 V/50 Hz, +/- 10%; Built-in controller of power supply. Power connector: European standard Type C.</p> <p>Components and consumables (per unit): Gel for researches - 1 package; 12 tubes on 250 ml (in case of change of package the total of gel should be not less than 3000 ml). Thermal paper - 50 rolls.</p> <p>Certification requirements: The Manufacturer must have the following international quality control certificates; ISO 9001; Certificate of calibration and inspection from factory, IEC 601-1-88; European Community requirements as per Directive 93/42 /EEC dated 14.06.1993 on the medical equipment issue. Should be FDA or CE approved product, conforms to standards for electrical safety IEC-60601 / IS-13450</p> <p>Documentation (per unit): User's manual; Service manual; both in English.</p> <p>Guarantee period: 24 months from the date of putting into operation; 36 months for transducers from the date of putting into operation.</p> <p>Training: Operational demonstration and basic preventive maintenance orientation for technicians and users to be carried out by the expert of the Supplier.</p> <p>Spare parts: Spare parts must be available at least 8 years after delivery.</p> <p>High-resolution 15-inch TFT monitor, with omni-directional arm; one-touch image optimization; Multi-beam Parallel Imaging.</p> <p>Synchronous Navigation: on-screen instruction for manual-free operation.</p> <p>Thumbnail: easy image review during live scanning; User-programmable data tables/graphs, formulae, measurement and report.</p> <p>Multiple frequency transducers; capable of providing fast and efficient storage, review, management and transfer of imaging and patient data.</p> <p>Probes: convex probe(standard)</p> <p>Linear probe (Optional)</p> <p>Transvaginal probe(Optional)</p> <p>Micro-convex probe(Optional)</p> <p>Open communication platform: DICOM and multiple file formats, on board and removable media storage.</p> <p>Comprehensive imaging modes:</p> <p>2D, M, PW, CW, HPRP, Colour, Power and Directional Power Doppler, Tissue Harmonic Imaging, trapezoid Imaging.</p> <p>Broad range of clinical applications:</p> <p>Abdomen, Obstetrics, Gynaecology, Urology, Small Parts, Peripheral Vascular, Paediatrics, Musculoskeletal, Orthopaedics, Cardiology, Emergency Medicine.</p> <p>Specialty Applications:</p> |
| 86 | LL0883101 | Ultrasound Scanning Machine, 3D Colour Doppler | each | <p>Only Convex probe is showing is standard and rest are optional. Should we quote for all - Linear / Transvaginal / Microconvex?</p> |

| | | | | |
|----|----------|--------------------------------------|---------|---|
| | | | or only | <p>Real-time 4D volumetric Imaging, free-hand 3D imaging, Endo-cavity Imaging, Needle Guide biopsy</p> <p>Dynamic range: 64-96dB adjustable; Frames cine loops : 256</p> <p>Power supply scope : AC 160-240V 50Hz; Successive working hours : ≥8h</p> <p>Lateral resolution: ≤2mm(depth:80mm), ≤3mm(80< depth:130mm) or better</p> <p>Axial: ≤1mm(depth:80mm), ≤2mm(80< depth:130mm) or better</p> <p>Geometry position precision: lateral:≤5%, axial:≤5% or better</p> <p>Certificate of calibration and inspection from factory</p> <p>Manufacturer's Certificates of ISO 9001, relevant IEC Certificates and European Community certificates for electro-medical equipment safety</p> <p>Spare parts must be available at least 8 years after delivery</p> <p>Documentation: User and Service manuals in English</p> <p>Training: Users on operational techniques and safety and maintenance technicians on PPM</p> |
| 87 | LL089910 | Lead Jacket Extra Large | each | |
| 88 | LL089920 | Lead Jacket Large | each | |
| 89 | LL089930 | Lead Jacket Medium | each | |
| 90 | LL089940 | Lead Jacket Small | each | |
| 91 | LL091410 | C-ARM, Siemens Cios Select | each | <p>(Siemens Preferred): A versatile C-arm system with an image intensifier for fluoroscopy and acquiring single images. It should be for use in Orthopaedics and other surgical disciplines. The mobile C-arm should have a high-resolution digital 1024 x 1024k imaging system high-resolution X-ray TV system with 1024 x 1024 full-size sensor. This image intensifier-based system with two image input formats and high-voltage generator guarantees optimum fluoroscopic images. An acquisition speed of up to 10 P/s can be achieved during pulsed fluoroscopy; in single-image mode, an output of 2.5 kW is possible. The C-arm should have an Intelligent Dose Efficiency Algorithm (IDEAL) which continuously analyzes each and every one of the image sensors pixels and constantly ensures optimum dose management for optimized balance of image quality and dose as well as automatic contrast and brightness regulation. It should have a hard disk with a storage capacity of up to 150,000 images, a USB interface and a DVD-R/ CDROM read/write drive including DICOM 3.0 offline media format to enable flexible data management. Loading and display of images from the same modality or other modalities (CT, MR, XA, US), DICOM 3.0 services can be used via the integrated DICOM 3.0 interface. It should have an inbuilt uninterruptible power supply (UPS) ensures the highest level of data security. Efficiency and flexibility are ensured by upgrade options which allow the system to meet long-term requirements. The C-arm should be of weight-balanced basic unit that allows high operating convenience ease of maneuverability in small spaces and easy positioning in a tight area without restricting patient access within the sterile area. The C-arm should be designed with maximum projection angles and should offer optimum access to the patient as well as flexible applications in the Operation Room. (dimension depth: 73 cm, free space between cone and Image Intensifier: 78 cm, orbital movement 130° (-40° + 90°), angulation ± 190°, swivel range ± 12°, horizontal movement 20 cm). It has motorized height adjustment (42 cm), minimum allowable measurements.</p> <p>No specifications provided</p> |
| 92 | LL100100 | Mortuary Lift | each | <p>Mortuary lifter is the device to cooperate with mortuary freezer and autopsy table, it can transport the corpse and lifting to the reasonable height for mortuary freezer storage.</p> <p>Product Name: Aushon Style Manual Hydraulic Lift Trolley Mortuary Morgue Cart Lifter for Hospital use.</p> <p>LIFTING FUNCTION: Hydraulic Lifting</p> <p>SCISSOR: Double Scissors</p> <p>LIFTING HEIGHT (MAX.): 2000mm</p> <p>LIFTING HEIGHT (MIN.): 450 mm</p> <p>MATERIAL: SUS 304 Stainless Steel</p> <p>LOAD CAPACITY: 200 kg</p> <p>CASTERS: 4 casters (with brakes)</p> <p>TRAY TYPE: Movable 304 stainless steel body tray thickness is 1.5mm</p> <p>TRAY SIZE: Customization</p> |
| 93 | LL077700 | Sterilizer, high pressure electrical | each | <p>Autoclave, fixed, steam, electric, automatic, with built-in Steam generator and water treatment unit</p> <p>Double door version, Integrated steam generator; Nominal capacity approx. in the range of 420-500 litres;</p> <p>Microcomputer controlled operation, with built-in digital printer, with 7 programs (5 productions and 2 test), and possibility to add optional programs for special applications.</p> <p>For general purpose steam sterilization surgical instruments, wrapped items, porous loads at temperature 134 degrees C and rubber articles at 121 degrees C.</p> <p>A pre-vacuum steam sterilizer, single door type, steam heated complying with the requirements of BS EN 285:1975 and DHSS HTM 2010</p> <p>Sterilizer frame work and other metal parts shall be in stainless steel to eliminate corrosion and last a life time</p> <p>Sterilizer front and inspection door shall be in stainless steel</p> <p>Control panel shall include a RS 232 port for exporting data from sterilizer</p> <p>Sterilizer shall be designed and constructed to be environmentally friendly with system to recycle water to reduce consumption</p> <p>CHAMBER</p> <p>Chamber shall be horizontal rectangular construction, volume of approximately 420-500 L;</p> <p>shall be adapted for efficient and easy loading and unloading of items, and jacket shall be constructed of 316L stainless steel. Chamber and jacket shall be designed for an approved working pressure of 45 psi (3 Bar).</p> <p>Copy of certificate of approval by the relevant authority. The inner chamber shall be equipped with baffle plates for uniform steam distribution. Chamber shall be provided with additional ½" and 1" capped connections for service and validation. The chamber inner surface shall be finished to a surface finish 4 in accordance with BS 1499 Pt 2 - 1975</p> <p>DOOR SYSTEM</p> <p>Doors shall be of same material used in the chamber construction; can be operated by motor power or pneumatic power or manual. If the door is operated by motor power, the motor shall be of permanently lubricated gear motor type. If the door is operated by pneumatic power, an air compressor shall be provided with the sterilizer. A safety mechanism shall be provided to prevent the cycle being started until the door is locked and sealed and to prevent the door being opened until chamber pressure is at atmospheric. Door shall be equipped with a safety device to immediately stop the door from closing in event of an obstruction. An auxiliary means of manual control shall be provided for opening the door in an emergency.</p> |

| | | | | | |
|-----|----------|---|------|--|--|
| 104 | PP005410 | Calci Paste (Calcium Hydroxide and iodoforsol) | each | | |
| 105 | PP042900 | Intra oral camera, Kodak 1500 I/O wireless | each | | |
| 106 | PP092449 | Disposable Syringes(50ml) | each | | |
| 107 | PP100200 | Timer, gingival margin R (Aesculap DC 78) | each | | |
| 108 | PP028800 | Ethyl chloride spray topical anaesthetic Each :3.5 ounces/100ml | each | | |
| 109 | PP109900 | Bonding agent for composite filling :50/100ml | each | | |
| 110 | PP038144 | Wax Dental Base | EACH | | |
| 111 | PP038145 | Sticky wax 70g | EACH | | |
| 112 | PP005110 | Bite Blocks | EACH | | |
| 113 | PP093310 | Anterior teeth (Acrylic) A1 | EACH | | |
| 114 | PP093320 | Anterior teeth (Acrylic) A2 | EACH | | |
| 115 | PP093330 | Anterior teeth (Acrylic) B1 | EACH | | |
| 116 | PP093340 | Anterior teeth (Acrylic) B2 | EACH | | |
| 117 | PP051910 | Polishing Brushes, Smooth | EACH | | |
| 118 | PP079810 | Pumice dental powder | 25KG | | |
| 119 | PP020110 | Flacks for dental fabrication | EACH | | |
| 120 | PP020120 | Prefomed Adams Clip | EACH | | |
| 121 | PP020130 | Gas burner | EACH | | |
| 122 | PP012910 | Wax knife | EACH | | |
| 123 | PP012920 | Plaster knife | EACH | | |
| 124 | PP020125 | Performed temporary crown shade A1 | EACH | | |
| 125 | PP020140 | Luting Agent | EACH | | |
| 126 | PP108010 | Zinc polycarboxylate cement (powder) | SET | | |
| 127 | PP019210 | Composite for temporary crown | SET | | |
| 128 | PP042710 | Plaster of paris powder, 1KG | EACH | | |