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| S.No. | | | Name Of Equipment | Qty | C.I.F Price | | F.O.R Price | |
|  | | |  |  | Unit price | Total Price | Unit Price | Total Price |
| RADIOLOGY | | | | | | | | |
| 1 | | | X-Ray Machine 500mA, three phase 380 volts or more complete set with all standard accessories for its installation and commissioning:  50 kW or more High frequency X-Ragay Generator , 4 ways floating top table with fixed heigth, floor mounted tube stand/floor to ceiling, manual collimator, 140 KHU X-ray tube, wall bucky stand, pair of HT cables 10m or more.  Radiographic kVP 40~125kV or more in one kV step.  Radiographic mA 10~500mA or more  mAs range: 1.0~500mAs or more.  Exposure time: 2ms ~ 5s or better  two pointkVp and mAs selection and three point kVp, mA & time selection.  100 or more Anatomical program.  Electromegnatic brakes Longtudinal and lateral travel movement for table bucky,  Longitudnalbucky travel.  Cassette size : all sizes.  Moving grid 8:1 chest stand and table.  Foot switch for electro megnatic brake control.  Tube support balancing system with counterweights and electromagnetic brakes.  Control panel with push button to control vertical, longitudinal and transverse travel.  Column rotation: 180 deg or better.  Manual collimator. LED/halogen light indicator for alignment with bucky.  Chest bucky stand with the cassettes formats all sizes on either orientation.  Moving Potter Bucky Vertical travel of bucky not less than 120cm.  Dual focus X-ray tube: Small focus 1.0 mm and Large focus 2.0 mm or better.  Maximum Tube voltage: 125KVp and Anode Heat capacity 140 K  OR EQUIVALENT  Country of originshould be USA/western Europe/Japanwiththeirrespectivestandards MDD (CE) compliance/MHLW Japan/  Warranty period shall be of three years starting from date of full functional commissioning | 1 |  |  |  |  |
| 2 | | X-Ray Illuminator Single  Illuminator for viewing of x-ray firm  Size: 8x10 ~ 14x17”  Single view acrylic sheet of 2mm.  Fluent tube light with heavy duty switch.  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 37 |  |  |  |  |
| 3 | | Ultrasound Machine gray scale (black & white)  High Resolution Portable B/W Ultrasound Machine having Digital Beam Forming System for Abdominal/Obstetrical/Gynae/Urology/small parts with the following Composition:  12’’to 15”or more TFT LCD monitor having wide viewing.  Choice upto four(04) transducer  STC gain six steps or more  B-mode imaging,harmonic imaging  Depth: 24 cm or more.  B/M scan, B (Single, Dual), B/M, M  3~5 MHz Multi Frequency Convex Probe.  Linear probe 5~10MHz (for small parts)  Comprehensive measurement package/functions for abdomen and obs/Gynae.  Built in battery.  CD/DVD writer or USB port.  B/W Ultrasound printer.  Voltage Stabilizer.  Mobile Trolley  OR EQUIVALENT  Country of originshould be USA/western Europe/JapanwiththeirrespectivestandardsMDD (CE) compliance/MHLW Japan.  *Warranty period shall be of three years starting from date of installation / commissioning* | 2 |  |  |  |  |
| 4 | | | Mammography  Mammography Machine film based, complete set with all standard accessories  for its installation and commissioning:  Film based Mammography system, complete with Microprocessor controlled  X-Ray Generator, Automatic voltage compensation. X-Ray tube,  control panel ,collimator , compression device ,C-Arm , bucky and  Cassettes size: 18 x 24 and 24 x 30cm.  High frequency microprocessor controlled generator.  X-ray tube voltage: between 20-35 kV with 1 kV step.  Tube current: 35-110mA.  mAs : 10-600mAs or better  Automatic Exposure Control  X-Ray Tube  High Speed Bi-angular, rotating anode.  Small focus: 0.1 mm, large focus: 0.3mm,  Anode head storage capacity: 300KHU or more.  Dual motorized filters: 30 μm Mo and 0.5 mm.  25 μm Rh with automatic change.  Motorized diaphragms  Built-in spot collimator.  C-Arm  SID 65 cm or better.  Single or Dual control panels, one on each side of the unit.  C-arm Angulation from -140° to +180 ° or better.  C-arm vertical travel from 80 to 130 cm or better.  Digital display of projection angle.  Motorized telescopic column with two adjustable speeds.  Motorized beam collimation.  LED/Halogen imaging field illumination.  Compression  Digital display of compression force and breast thickness.  Adjustable compression force limit and digital display.  Motorized compression with selectable speed levels.  Bucky  Manual cassette loading and unloading.  Grid movement should be microprocessor controlled with a grid ratio of at least 5:1  or better for a good contract film.  Complete with following Accessories:   1. Cassettes 18 x 24cm 2 Nos. 2. Cassettes 24 x 30cm 2 Nos. 3. Compatible Stabilizer 4. LCD type X-Ray film viewer to view four films at one time. 5. One automatic dedicated mammography film processor with set of chemicals 6. Lead glass for protection 7. Patient stool/chair.   OR EQUIVALENT  Country of originshould be USA/western Europe/Japan withtheirrespectivestandards MDD (CE) compliance/MHLW Japan  Complete installation shall be responsibility of vendor as per PNRA standards.  *Warranty period shall be of three years starting from date of installation / commissioning* | 1 |  |  |  |  |
| 5 | | | Mobile X-Ray Machine 100mA complete set with all standard accessories for its installation and commissioning:  High frequency X-Ray inverter type Generator  Having output power of 4kW or more  X-Ray tube 50 KHU or more  KVP range: 40-110kV or more  MA Range: 25-100mA or better,  mAS range: 1.0-200mAs or better  Centering light indicator  Standard power supply cable, standard x-ray exposure switch cable,  Vertical movement of the arm to lower or raise the tube collimator assembly, Rotation of the Collimator with reference to the power module (+/- 90deg) or better.  OR EQUIVALENT  Country of originshould be USA/western Europe/Japanwiththeirrespectivestandards MDD (CE) compliance/MHLW Japan  *Warranty period shall be of three years starting from date of installation / commissioning* | 2 |  |  |  |  |
| 6 | | | Cassettes  08x10”  10x12”  12x15”  14x14”  14x17”  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 2 Sets |  |  |  |  |
|  | | | | | | | | |
| 7 | | | Water Distillatordeionzer complete  Processing capacity: 4 liters or more  Procesing time: 7-8 hours or better  Automatic control thermostat with block system at the end of operation  Complete with 6active caol filters, 1 detergent, 1 container, for produced distilled water  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 1 |  |  |  |  |
| 8 | | | Ultrasonic water bath  Built-in stirrer . Microprocessor control  Volume: 22 Liters or better, Uniformity: 5 ºC, Heater: 1 KW  Thermometer readout , Temperature Controller  OR EQUIVALENT  Must be CE Marked  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 1 |  |  |  |  |
| 9 | | | Incubator (Laboratory)  Microprocessor Control.  Temperature control.  Liter: 100 or more  Temperature Range: 10 Above ambient to 75  Uniformity: at 37˚C (± C) : ± 1.0  Heating up time to 37˚C (min) : 40  Number of Shelves 02  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 1 |  |  |  |  |
| 10 | | | Hematology Analyzer  3 parts differential  18 or more hematological measured parameters . WBC, RBC, Hb, MCV and PLT.  Colored display .  -WBC-LYM#-MID#- GRN#LYM%-GRN%- HGB-RBC-HCT-MCVRDW-  MCH-MCHCPLT- MPV-PCT-PDW-WBC, RBC and PLT histogram  Alarm system with auto diagnostic capabilities  70 or more samples/ hour capacity .  Blood sample volume upto 10ul  CBC test should incorporate within one minute & minimum quantity should be used  RS232 interface  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of five years starting from date of supply of equipment to the consignee end* | 1 |  |  |  |  |
| 11 | | | **Hot Air Oven**  Hot Air Ovens for general purposes applications with double wall and fresh air inlet.  Microprocessor Control  LED digital display for monitoring  Automatic over-temperature safety device  Digital timer. 99 hrs 59 min  Temperature: more than 225 deg.  Capacity: 75 litres or more.  Complete with shelves.  Instalation in a Teaching/Major hospital  OR EQUIVALENT  Must be CE Marked  Country of origin should be UK/USA/ EEC./Japan/  .  Installation Should be 100 or more units.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 2 |  |  |  |  |
| 12 | | | Glucometer  Measurement Range 20 to 600 mg/dL or 1.1 to 33.3 mmol/L, Sample Sites Finger tips, Forearm or palm  Sample size 1 µL, Test Time Approximately 10 seconds, Power source One 2032 or equivalent 3.0V coin cell battery, Battery Life 12 months or approximately 1,000 tests, Memory plus Up to 300 records with time and date EZ Last 30 results, no averaging, no date/time  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  Or CE Approved  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 23 |  |  |  |  |
| 13 | | | Microscope  Microscope for sharp and distinctive images.  With built in tension adjustable focusing system.  Optical System: Color Corrected infinity optical system  Observation Tube: Widefield Binocular 30˚  Widetrinocular 30˚-light distribution:10:0/20:8  Maintenance free, sealed, brass shaft, focus mechanism.  Pre-Centered and Pre-Focused condenser, LED illumination with continuous intensity control, Dust cover.  OR EQUIVALENT  Country of origin should be UK/USA/ EEC./Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end*. | 2 |  |  |  |  |
| 14 | | | Electronic Balance  Capacity & Resolution: 400g x 0.01g  Percentage: Resolution: 0.01/ 0.1 / 1%  Stabilization Time: 2 sec, Typically  Sensitivity drift: (10 ppm/°c (10ºc-30ºc)  Linearity: +/-0.02 g  Repeatability/st D.Dev:0.01g  Display Refresh: 5 or 10 times  Operating temperature: +5ºc-40 rh less than 85% no condensation  OR EQUIVALENT  Country of origin should be UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end*. | 1 |  |  |  |  |
| 15 | | | Electrolyte Analyzer  Sample: Whole Blood, Serum, Plasma,  Sample Size: 60µl Whole Blood, Serum or Plasma, Electrode solution can be refill  60ul Capillary Sample  Detection Range, Blood Na+:20-200mmol/L  K+:0.2-40mmol/L, Cl-:25-200mmol/L, Analysis Time, 60 sec (Blood), Data Storage 200 or more patient results, 270 normal/abnormal QC results, Reproducibility Typical within run (n=20), Blood, Serum, Plasma, Na+:CV≤1%(80-200 mmol/L), K+:CV≤2%(1-10 mmol/L), Cl-:CV≤2%(80-200 mmol/L) Output : touch screen LED Graphic display, 40 column printer, Serial Port (RS-232), Auto Sampler port  OR EQUIVALENT    Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end*. | 1 |  |  |  |  |
| 16 | | | **Fully automated Chemistry Analyzer**  Automated clinical chemistry analyzer having several different analysis modes including Absorbance, 1 point end, 2 point end, 1 point rate, 2 point rate and Kinetic,immunoturbimatric assay. Random access with reusable plastic or pyrex cuvettes with throughput 100 or more tests per hour, maximum filling reagent capacity.  Should be built in inventory management system automatically tests and reports.Optical design user-selected monochromatic or dichromatic results. 8 wavelengths ranging from 340-700nm; 340,405,505,546,630 nm + Two Optional.Linear ranges-0.2-3.0A  Must have 120 or more programmable tests.  Reaction Volume: 250 µl , Long life IAD filters  Sample type: Serum, plasma,  Sample Volume: 3-30 µl  Reagent position :maximum 37; dilution predilution,dispencing single or multiple  Maximum number of reaction 40  Reaction time: Max 15 min  Should be with PC & Laser printer  OR EQUIVALENT  Country of origin: UK/USA/EEC/JAPAN  *Warranty period shall be of three years starting from date of supply* | 1 |  |  |  |  |
| 17 | | | Centrifuge machine 24 head  Complete with 24-place angle rotor.  Microprocessor-controlled.  Head: 24 nos.    Max rpm: 12,000 or more  Noise Level: Less than 55 dBA  Timer LED digital, 99 min LED  Brake  Locking latch  Safety shutout  OR EQUIVALENT  Country of origin should be UK/USA/EEC/ Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 2 |  |  |  |  |
| 18 | | | Drip Stand  Stainless steel, double side hooks  With castors  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 79 |  |  |  |  |
|  | | | | | | | | |
| 19 | | **Oxygen flow meter**  Flow 0~15 liter  With BS probe  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 5 |  |  |  |  |
| 20 | | OT Table  Multipurpose Hydraulic Operation table  Systems operatable by foot pump for hydraulic function.  Movement for Systems by manual gas pistons & hydraulic.  Table top Board divided in 05 sections  Table Elevation & decrease system, by hydraulic piston commanded by foot panel.  Head Rest Detachable & adjustable by piston  Surface of the table board in radio transparent material, tunnel with guides for X-ray Cassettes  Table Top Dimension L X W X H: 2000x500mm or more From 650 to 850mm or better  Lateral Tilt: -20˚ to + 20˚  Back Section,Adjustable from +80˚ to -25 ˚ or better  Maximum Patient Weight: 200 or more  Standard Accessories:  Anesthesia Screen ARC, in Stainless Steel  Head Rest Padded, Detachable  X-Ray Cassette  Mattress  Iv Stand  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 21 | | **LED Ceiling Mounted OT Lights for Major Surgery**  with all Standard Accessories  High performance LED illumination for every type of surgery  Cold Light  White Light  Excellent contrast in the operating field  Shadows reduction in the surgical field and total illumination of the surface and at depth –  Frequency 50/60 Hz  Light source technical data  Light Source : LEDs  Average life : 40,000 hrs or more  Lighting at the centre, Ec @ 100cm  Diameter of operating field Min 200mm/Max 350mm  Illumination Minimum 2 x140,000 lux @ 1 meter-  Total Lux @ 280000 or more  Color temperature, CCT 4,200° K ± 2%  Color rendering index, Ra 95±1  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 22 | | **Portable LED OT light**  Mobile spot Light  Minimum 30,000 LUX/0.5m or more  Color temperature: 4000K or more better  Flexible arm with up & down movement and 360 degree rotation.  OR EQUIVALENT  **Make: UK/USA/EEC/JAPAN**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 23 | | **General Surgery Set Complete in All Respect**  Bowl Lotion 250 mm (2 Nos)  Gallipot/Cup S/S 180 ml (2 Nos)  Gallipot/Cup S/S 250 ml (2 Nos)  Tray Kidney shape with Lid S/S 200x30 mm (2 Nos)  Tray Kidney shape with Lid S/S 300x50 mm (2 Nos)  Forceps artery Kocher COF BJ.S/S 180 mm (20 Nos)  Forceps artery Spencer Wells CO Flat (bj). S/S 200 mm (15 Nos)  Forceps Dissecting Plain serrated jaws S/S 150 mm (6 Nos)  Forceps Dissecting Plain serrated jaws S/S 250 mm (1 Nos)  Forceps Dissecting narrow , serrated jaws S/S 200 mm (1 Nos)  Forceps Dissecting Lane’s 2x3 teeth 180 mm (3 Nos)  Forceps Dissecting Waugh, fine serrated jaws 1x2 Tth 200 mm (1 Nos)  Forceps Tissue Allis fine 4x5 Teeth BJ.S/S 150 mm (4 Nos)  Forceps Towel Holding cross Action S/S 100 mm (8 Nos)  Forceps Towel Moynihan, Double Teeth (bj) 190 mm (4 Nos)  Forceps Sponge Holding Rampley BJ S/S 240 mm (5 Nos)  Handle size 3 for scalpel blades size 10-15 (1 Nos)  Handle size 4 Scalple blades size 20-24 (1 Nos)  Needle Holder Kilner’s 165 mm (1 Nos)  Needle Holder Mayo Hegar BJ.S/S 180mm (2 Nos)  Scissor Blunt Point Straight SJ. S/S 180mm (1 Nos)  Scissors Mayo’s CO Flat 200 mm S/S (1 Nos)  Scissors Mayo’s Straight 200 mm S/S (3 Nos)  Scissors Mclndoe’s CO Flat 190 mm S/S (1 Nos)  Retr. Deaver #1-Blade 25mm, Length 305mm (1 Nos)  Retr. Lange beck, H/H 26x64 Blade, 210 mm Long (2 Nos)  Retr. . Deaver #5-Blade 75mm, Length 305mm (1 Nos)  Retr. Morris Double-ended (52x38) & (52x64) mm (2 Nos)  Retr. Walton, malleable copper 13mm length 305mm (1 Nos)  Needle Aneurysm S/S. Small 146 mm (1 Nos)  Pin Safety Mayo, forceps holding, 120mm (4 Nos)  Suction Tube Mclndoe (1 Nos)  Suction Tube Poole’s S/S 225 mm  Sterilizing and storing case St.St. with filters 260x150x50 mm (2 Nos)  Wire Cutting, Tungsten. Carbide inserts 180 mm.  Made from imported stainless steel, Rust resistant and Satin finish  Export Quality Material  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 24 | | **Instrument Cleaner Super Sonic**  Ultrasonic frequency 40,000 Hz  Tank Material Stainless  Tank Capacity: 600ml  Timer 180S,360s,,Digital timer  Power 35W  Unit Size 175x 110x155mm(LxWxH)  Tank Size 150x85x65mm (LxWxH)  OR EQUIVALENT  Make: UK/USA/Europe/Japan.  Warranty period shall be of two years starting from date of full functional commissioning | | 1 |  |  |  |  |
| 25 | | |  |  | | --- | --- | | **Diathermy (Electrosurgical Unit)**  High frequency surgical diathermy for mono polar and bi polar cutting and coagulation for use in general surgery, ENT, Gynecology, Urology, Orthopedic, etc.  Output frequency 300Khz  Output power 300 W  Monopolar cutting 300 W  Blend: 230W or more.  Monopolar coagulation  Spray 120  Bipolar Cutting  Bipolar coagulation : 70 W or more  Complete with following accessories:  Power cable, Monpolar Footswitch, Bipolar Footswitch, Reusable Diathermy pencil, Knife blade electrode straight 2.8cm or better with shaft, Loop-electrode diameter of 9mm or better with shaft, Titanium forceps , bipolar cable, Disposable patient plate & trolley  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | Diathermy (Electrosurgical Unit)  High frequency surgical diathermy for mono polar and bi polar cutting and coagulation for use in general surgery, ENT, Gynecology, Urology, Orthopedic, etc.  Output frequency 300Khz  Output power 300 W  Monopolar cutting 300 W  Blend: 230W or more.  Monopolar coagulation  crest 120  Spray 120  Bipolar Cutting  Bipolar coagulation : 70 W or more  Complete with following accessories:  Power cable, Monpolar Footswitch, Bipolar Footswitch, Reusable Diathermy pencil, Knife blade electrode straight 2.8cm or better with shaft, Loop-electrode diameter of 9mm or better with shaft, Titanium forceps , bipolar cable, Disposable patient plate & trolley  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | | 5 |  |  |  |  |
| 26 | | **Dressing set**  Forceps, dissecting, Straight, 1/2 teeth, 130 mm x 2  Forceps, sinus, 180mm x 1  Forceps, Dissecting, Straight, Plain, 115 mm x 1  Forceps, Sponge holding, 200mm x 1  Scissors, Mayo, Straight, 150mm x1  Scissors, dressing, Straight, 165mm x 1  Scissors, ligature, spencer, 130mm x 1  Bowls, lotion, s/s,         5 liter x 1  Bowl lotion, s/s, 0.2 liter x 2  Kidney Dish, 24cm x 2  Instrument container, s/s with cover, 300x200x50mm x 1  Made from imported stainless steel, Rust resistant and stain finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 15 |  |  |  |  |
| 27 | | **Anesthesia Machine with built in Ventilator**  Specifications:-  Three gases machine with two-station selectecbackbar.  Two cylinder ypks or more  Oxygen flush system.  Breathing system should have integerated heating system for reduced condensation and breathing system should be fully autoclavable.  Top shelf  2 or 3 drawer unit.  Four casters (front wheels braked)  Fully electronic flow meter for O2 Air, N2O with disply autoclavable CO2 absorber 1.5 liter or more.  Ventilation modes: all standard pressure & volume modes should be available display: screen size should be 12’’ inch or more. TFT color touch Monitor: peep, minute volume, tidal volume, breath rate, Fio2 Tidal volume (VT): 20 to 1000 ml or more. Inspiration flow: from 5 to 70 L/min.  Inspiration time: 0.2 sec. to 05 sec.  Flow sensitive : from 1 to 15 L/min  Pressure control : 10 to 50 cmH2 O electronic PEEP: 3 to 20 cmH2O Trigger: 01 to 15 L/min  Trigger windows: 60% of expiratory time  Alaram : gas failure, high & low Airway pressure, saturation s (Fio2) , Apnoea, Low battery  2~4 hours battery backup  Includes standard accessories:  Anesthesia Breathing circuit reusable with bag (peads & adult)  Selectatec Vaporize QTY:01 as standard (Isoflourane)  Circuit support arm.  ACGO should be optional  OR EQUIVALENT  Make :UK/USA /EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 28 | | **Circus session Set**  Made from Imported Stainless Steel, rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 29 | | **Cholecystomy set**  Made from imported stainless steel, Rust resistant and Satin finish  Export Quality Material    *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 30 | | **Autoclave double steam str. Single door (CSSD)**  100 liters, manual control system. Eco friendly and economically design with over temperature, pressure & elec. Over load protection with emergency exhaust switch with low water buzzer wit hover heat/temp. indication light chamber size : 450mm(dia) x 950mm (dep.)  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 31 | | **Autoclave double steam str. Single door (CSSD)**  200 liters, manual control system. Eco friendly and economically design with over temperature, pressure & elec. Over load protection with emergency exhaust switch with low water buzzer wit hover heat/temp. indication light chamber size : 450mm(dia) x 950mm (dep.)  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 32 | | **Autoclave double steam str. Single door (CSSD)**  400 liters, manual control system. Eco friendly and economically design with over temperature, pressure & elec. Over load protection with emergency exhaust switch with low water buzzer wit hover heat/temp. indication light chamber size : 450mm(dia) x 950mm (dep.)  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 33 | | **Autoclave**  40 liters or more, manual control system. Eco friendly and economically design with over temperature, pressure & elec. Over load protection with emergency exhaust switch with low water buzzer with over heat/temp. indication light chamber. Temperature upto 121oC;Digital PID Controller with Timer and Tunning:  CE Marked  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 34 | | **Diagnostic Set**  Diagnostic set including one rechargeable handle, one halogen otoscope and opthalmoscope,  3 autoclavable ear speculum (Ø 2.5, 3.5 and 4.5 mm), 2 laryngeal mirrors, bent arm throat lamp, tongue spatula, adjustable nasal speculum.  Complete with ophthalmoscope and otoscope head, support for tongue depressors and case  OR EQUIVALENT  Make: UK/USA/EEC/Japan.    *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 35 | | **ICU Ventilator with all Standard Accessories**  Specifications:-  Patient type: neonates, Peads& adult  VENTILATION MODES:  The modes of ventilation should include  Volume Ventilation (CMV, Assist CMV), Pressure Support Ventilation (PSV), SIMV, SPONT, MANUAL,SIGH, Apnoea BACK-UP, CPAP, Bilevel, & NIV. Manual breath lock and inspiratory/expiratory hold.  TECHNICAL SPECIFICATIONS:  The patient range should be from neonate, pediatric and adults with easy operation.  Breaths Rate for CMV+, PCV+, P – SIMV+ should be from at least 6 bpm to 140 bpm  PEEP & CPAP from 0 cmH2O up to 30 cmH2O  Tidal Volume from minimum 5 ml to 2000 ml for Volume mode  Inspiratory minute Volume  Expiratory minute volume  The I: E ratio: 1:4 - 4:1  ALARMS:  Operator adjustable alarms should include low/high minute volume, high pressure, low/high tidal volume, apnea rate  Oxygen concentration, disconnection, loss PEEP  Apnoea Alarm  Display:  Screen size not less than 12” Inch or more TFT Color touch Screen with Loops, Graph & Monitoring on the same window  EVENT LOG:  Memory Storage up to 100 Events  Power Supply:  100-230V  Internal Battery Operation 4-6 Hour  Supplied should be with supporting arm, trolley, breating circuits for adult, paeds and neonates , power cord and operating manual  **Medical Air Compressor or Turbine system**  OR EQUIVALENT  CE & IEC Certified.  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 10 |  |  |  |  |
| 36 | | **Suction Machine**  Suction Machine with two polycarbonate collection Jars.  4 antistatic castors , 2 with brakes.  Piston type, oil free.  Pump flow: 40L/min .  overflow prevention.  Hydrophobic PTFE filter.  3 m PVC Suction tube.  Metallic curved and straight catheter .  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 21 |  |  |  |  |
| 37 | | **Weighting Machine**  Digital scale with extra large LCD display (65 mm).  Strong and durable  steel comfortable platform.  OR EQUIVALENT  Should be CE Approved  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 11 |  |  |  |  |
| 38 | | **Baby Weighing Scale**  Digital scale with extra large LCD display (65 mm).  Strong and durable  steel comfortable platform.  OR EQUIVALENT  Should be CE Approved  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 12 |  |  |  |  |
| 39 | | **ECG Machine with Trolley**  ECG machine 12 lead, 6 channel with standard Accessories.  Specifications:-  6-Channel Interpretive  Electrocardiographs with LCD Screen 5” or more  Having the following specifications  12-Lead ECG Simultaneous Display  An LCD Screen shows 12-lead ECG waveform at a glance for easy reviewing  It also helps save paper. You can confirm noiseless waveforms before recording.  Data Storage and Transfer  To save recording paper, report printout can be turned off when data is transferred.  High Level 12-Lead ECG Analysis  12-lead ECG acquisition and analysis 6-Channel Recording  roll or Z-Fold Paper  Thermal Printer  AC & Battery operated  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 5 |  |  |  |  |
| 34 | | **Defibrillator**  with all Standard Accessories  **Specifications:**  Biphasic technology  Defibrillator Biphasic 360 Joules or more    Charging time: Less than 10 sec for 360 Joules or more  ECG­:-6 Channel ECG  Leads: I, II, III, aVR, aVL, aVF  Heart rate: 50-300 per min  Display: TFT LCD 5’ Inches or More  Built-in Printer with Memo Print  Data management:-  Removable storage unit: 01GB or more with voice recording up to 80 Hours or more  Rechargeable external battery with minimum 04years shelf life  Monitoring time 03 Hours or more Extendable  Complete with all standard Accessories  External Paddles for Adult & Built-in Pediatrics Paddles  ECG Leads minimum 05 cable set  Ultrasound Gel  Power Cord  OR EQUIVALENT  Installation in the teaching / major hospitals.  Installation must be more than 20 units  Make: USA/EEC/Japan/UK  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 41 | | **Auto processor**  Table top film processer to process commercially available medical x-ray films  With roller transport system.  Processing capacity of 100 film/hour or more size 10’’ to 12’’ films or bigger  With temperature control system  Automatic replenishment system.  Complete with tank for developer , fixer and washer.  Compatible with all common types of films and chemicals.  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of installation / commissioning* | | 2 |  |  |  |  |
| 42 | | **Juster Adjustable**  0.1-2, 1-10, 2-20  Should be CE Approved  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 43 | | **Juster Fixed**  5,10,25,50 ml  Should be CE Approved  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 44 | | **Cardiac Monitor**  05 Parameters Monitor with 12 inches or more, color TFT screen with touch screen    Built in ECG  NIBP  Respiration  Temperature  And SpO2 measurement with all standard accessories including reusable SpO2 probe.  **Trends:**  72 hours or more  Battery: 3 hours backup or more  System output:  Ethernet Network: 1 standard RJ45 socket  Defibrillation output: 1BNC connector    Make:UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 18 |  |  |  |  |
| 45 | | **Surgical Drum**  Drum,Domed top and bottom with sliding removable bank and drop down hasps  Made from imported stainless steel,Rush resistant and satin finish.  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 30 |  |  |  |  |
| 46 | | **Emergency Resuscitation Trolley Fully Equipped**  Emergency trolley - 3 drawers or more  Structure and drawers in epoxy powder coated steel with antibacterial and antimicrobial treatment, to improve Infection Control  Walls moulded strong polymer  Ample worktop with moulded 4-sides raised rim and ergonomic built-in push handle, scratch resistant  Extendable writing surface  Equipped with:  3 drawers in painted steel mounted on steel ball-bearing fully-extending rails, complete with handles with label holder for quick identification of content:  1 drawer with  Central locking system by knob with security breakable plastic seals.  Upper part:  S/S IV pole holder with 2 S/S hooks, height adjustable  One (R/L) side:  2 transparent tilt-out bins  Shelf for vacuum pump  Back side:  Oxygen tank compartment with holding straps, from 3 to 7 liters  Storage space for catheters / probes  One Side (R/L):  Waste basket without lid, with removable internal  **Defibrillator**  with all Standard Accessories  **Specifications:**  Biphasic technology  Defibrillator Biphasic 360 Joules or more    Charging time: Less than 10 sec for 360 Joules or more  ECG­:-6 Channel ECG  Leads: I, II, III, aVR, aVL, aVF  Heart rate: 50-300 per min  Display: TFT LCD 5’ Inches or More  Built-in Printer with Memo Print  Data management:-  Removable storage unit: 01GB or more with voice recording up to 80 Hours or more  Rechargeable external battery with minimum 04years shelf life  Monitoring time 03 Hours or more Extendable  Complete with all standard Accessories  External Paddles for Adult & Built-in Pediatrics Paddles  ECG Leads minimum 05 cable set  Ultrasound Gel  Power Cord  OR EQUIVALENT  Installation in the teaching / major hospitals.  Installation must be more than 20 units  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 47 | | **Instrument trolley Fix and Adjustable**  Made from imported stainless steel, Rust resistant and Satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 8 |  |  |  |  |
| 48 | | Emergency Resuscitation trolley  Resuscitation trolley with 4 swivel castors with brakes.  Having 4 drawers or more.  Top tray for defibrillator  Side tray for instrument  Complete with adult and child resuscitator with face mask.  Venture suction with collection jar  Container for waste.  Drip stand support  Cardiac board  Oxygen regulator  Flow meter with humidifier  Nebulizer with kit  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 9 |  |  |  |  |
| 49 | | **Instrument Tray SS**  Set of different size of instrument trays  Made from imported stainless steel, Rust resistant and Satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 06 |  |  |  |  |
| 50 | | Centralized Medical gases supply system  Complete with vacuum system  ITEM 1.  AUTOMATIC MANIFOLD FOR OXYGEN FOR 2 X 10 CYLINDERS  1 No.  WITH CONNECTION TO VIE TANK.  The Control Panel should handle three sources i.e. Two sided cylinders  battery and one VIE Tank / Oxygen Generation System.  The Manifold shall be a fully automatic type & shall switch  from Tank / Generation System to Cylinders Battery and “Bank in Use” to “Reserve”  bank without fluctuation in delivery supply line pressure  The system should be able to maintain continuous supply in case of power failure.  Capacity: 70-90, M3/h.  Function:  Fully automatic self-contained shuttle-valve with no electrical power  required for switching, Microprocessor based control panel with display.  Units of measure (psi/Pa/Bar).  LCD /LED display for the left bank, the right bank,& VIE Tank / Oxygen Generation System for the supply pressure.  Complete with relief valve, Emergency shut off valve and battery / bank  room alarm for left and right cylinder bank, pressure reducers of Tank Panel.  Service and maintenance works can be carried out without stopping  operation.  In built VIE Tank / Oxygen Generation System connection controlled by Manifold.  ITEM 2  AUTOMATIC MANIFOLD FOR NITROUS OXIDE (2 X 5) 1 No,  The Manifold shall be a fully automatic type & shall switch from "Bank  in Use" to "Reserve" bank with out fluctuation in delivery supply line  pressure&with out the need for external power after the switch-over  the "Reserve" bank shall then become the “Bank in Use" and the bank  in use shall become the reserve bank. The System should be able  maintain continuous supply in case of Power failure.  Capacity 10 - 50 M3/ h.  Function:  Fully automatic self-contained shuttle-valve with no electrical power  required for switching, Microprocessor based control panel with display.  Units of measure (psi/Pa/Bar) LCD / LED display for the left  bank, the right bank & for the supply pressure.  Complete with relief valve, Emergency shut off valve and battery / bank  room alarm for left and right cylinder bank.  Service and maintenance works can be carried out without stopping  operation.  ITEM 3  WALL OUTLET.  Outlet should have double lock quick connect and gas specific. The latch /  Locking release mechanism should be incorporated on the gas outlet with  Geometrical key indexing and should have a parking facility so that in the  Event of release of probe by pressing the spring loaded center, the probe  / Flow meter does not fall down.  Gas outlets wall mounted, Complete in Box/casing gas Specific, Self sealing  valve, indexed to eliminate interchangeability/erroneous tapping of gas  and cover plate.  Oxygen Qty.92 Nos.  Nitrous Oxide Qty.6 Nos.  Compressed Air 4/5 bar Qty.92 Nos.  ITEM 4  Air Venturi System with Gauge 25 Nos.  The injector should be connected to wall source of pressure gas using  Direct probe or rail mounting system. Max. Vacuum 650 to 700 mbar.  System should be supplied with 02liter Un Breakable &Sterilizable  Collection jar.  ITEM 5(a)  Multiple Zone Valve Box with Monitoring Gauge forthree gases 3 No.  Microprocessor controlled with digital display of pressure.  Each wall type zone valve box shall consist of the following Components.  A steel valve box which can house two to four shut-off-ball valve with tube  extensions.  ITEM 5(b)  Multiple Zone Valve Box with Monitoring Gauge for two gases 4 Nos.  Microprocessor controlled with digital display of pressure.  Each wall type zone valve box shall consist of the following Components.  A steel valve box which can house two to four shut-off-ball valve with tube  Extensions.  ITEM 6  CEILING PENDANTS:  Flexible Ceiling Type Outlets:  Oxygen 12 Nos.  Air 12 Nos.  N2O 6 Nos.  ITEM 7  OXYGEN FLOW METER WITH HUMIDIFIER & PROBES: 80 Nos.  With autoclave able and unbreakable humidifier bottle and probe.  ITEM 8  COPPER PIPING (IMPORTED FROM UK, GERMANY, USA):  Supply and installation of seamless copper pipe, deoxidized and  for use in piped medical gas systems,  Therefore it is guaranteed that the tubes are  leak-tight, free of pores, blisters etc, Tube  is drawn seamless, according to HMT 2022 (HTM 02-01) Or equivalent.  Material :-  Copper tubes, including fixing clips for  ceiling and walls, sleeves, reducers, tee's  bends and soldering material.  1350Meter Size 15 x 1.  1500 Meter Size 12 x 1.  ITEM 9  ANESTHESIA SCAVENGING SYSTEM 6 Nos.  Anesthetic gas scavenging systems designed to remove exhaled anesthetic  gas mixtures from operating theatres driven by Air/Oxygen at 05 bar or  through vacuum plant, anesthetic rooms and recovery area.  ITEM 10  Motor 7.5KW (10HP)  Each 10 HP Motor Produces 1200 Liters and 4 motor supplies 4800 Liters min when duplex compressor in use and more than 2400 minimum Liters per minute in each Skid Mount compressor with Hepa filter  Working Pressure: 9.5 KG/CM2G (135 PSI)  Air Dryers  2 x Dryer  Volume Flow Rate @ Inlet: 1200 lit/min @80 ⁰C  Max. Operating Pressure: 14 barg.  Max. Ambient Temperature: 45 ⁰C  Pressure Dew Point: +3 ⁰C  Power Source: 230V / 1PH / 50HZ  Filtration  2 x Pre-Filter – 1200 lit/min (3 Micron) ½”  4 x After-Filter – 1200 lit/min (0.01 Micron) ½”  1.9) By Pass System (Local with Imported Fittings):  Isolation Valves, Adaptors, Regulators & Pressure Switches.  Electrical Panel  Simple Controlled Electrical Panel, Pressure based Automatic Switching between Compressors, Contractors, Overload, Power Indication Lights and Circuit Breakers.  OR EQUIVALENT  **COMPLETE IN ALL RESPECT**  **Specifications / Requirements may be different from Hospital to Hospital, bidders are directed to visit Premises before bidding.**  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 51 | | **BP apparatus**  Mercury sphygmomanometers.  Precision glass tube with inner diameter of 4.2 mm ±0.2 mm.  Face plate with easy-to-read graduated scale.  Maximum reading 300 mmHg.  Mercury lock.  Basket for convenient accessory storage.  Coiled tubing extensible to 3 m.  Maximum error through range ±3 mmHg.  With latex free bulb and chromed-plated air release valve.  Mounting hardware included.  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 38 |  |  |  |  |
| 52 | | **Split Air condition 1.5 Ton**  Haier/LG/Dowlance/Orient/Equivalent  Complete with installation at site  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 24 |  |  |  |  |
| 53 | | **Nitrous oxide cylinder**  With trolley  BOC Tested  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 19 |  |  |  |  |
| 54 | | **PABX System**  Panasonic/Sony/equivalent  Complete with installation at site  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 55 | | **Ambu Bag Adult with Manometer**  100% latex-free Ambu bags  Built-in pressure limitation  Suitable for adults  with face mask and single shutter valve.  Autoclavable at 134°C.  OR EQUIVALENT  Make: UK/USA,EEC,Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 8 |  |  |  |  |
| 56 | | **Ambu bag paeds with Manometer**  100% latex-free Ambu bags  Built-in pressure limitation  Suitable for paeds  with face mask and single shutter valve.  Autoclavable at 134°C.  OR EQUIVALENT  Make: UK/USA,EEC,Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 8 |  |  |  |  |
| 57 | | **Cold Storage (For Morgue)**  Morgue for 1x3 body Storage with modular construction. (02 Units)  Complete with body transport trolley 304 grade stainless steel storage cabinet, 80 mm high density rigid insulation polyurethane insulation chiller, Stainless Steel height adjustable racking & rolling system, 304 grade Stainless Steel body storage trays, 2°C to 4°C cooling system with digital control panel.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 01 |  |  |  |  |
| 58 | | **Cold Storage (For Morgue)**  Morgue for 1x4 body Storage with modular construction. (02 Units)  Complete with body transport trolley 304 grade stainless steel storage cabinet, 80 mm high density rigid insulation polyurethane insulation chiller, Stainless Steel height adjustable racking & rolling system, 304 grade Stainless Steel body storage trays, 2°C to 4°C cooling system with digital control panel.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 01 |  |  |  |  |
| 59 | | **Opthalmoscope**  Lens range: 0D + 1D – 10 / 15 / 20 / 40 D :  Aperture: Large aperture,small aperture, micro aperture, slit aperture, cobalt blue aperture & fixation aperture.  Filter: red free filter / Polarizing filter.  Operation mode: Intermittent, On-time should not exceed to 2 min with off-time not less than 5 mins.  Includes: Desktop charger & rechargeable handle.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.    *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 60 | | **Dry cabinet single door for anesthesia accessories**  Made from imported stainless steel, Rust resistant and Satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 61 | | Retinoscope  Rotation: ≥190 degree  Length of streak image: ≥30mm  Width of Length image: ≥1.5mm  Operation mode: Intermittent, On-time should not exceed to 2 min with off-time not less than 5 mins  Includes: Desktop charger & rechargeable handle.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 62 | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Incinerator   * Capacity 30-40 Kg / hour Solid Waste   COMBUSTION CHAMBER:   * Horizontal cylindrical design * Inner surface carried out with first-rate refractory material , high-temperature proof * Combustion chamber volume: 5,3 approximately; * 1No. Loading door set on the frontal edge of the burning chamber, having a whole section crossing, suitable to load the Hospital waste material and to unload the ashes * Burner capacity (under full power): 30-40 kg/h approximately * Operating temperature: 700-900¢XC * Standard color : black – red   POST-COMBUSTION CHAMBER   * Post-combustion oven, pyrolytic working with planed combustion, structured so that the gas generated due to the incineration process will be kept even in the worst condition, to a temperature of >850¢XC/1100¢XC * Design: horizontal or vertical cylindrical * Inner covering: carried out with first-rate refractory material, high temperature proof * 1 No. inspection door on whole section, similar to the one on duty of the incineration chamber, covered with refractory material, rotating on hinges, to make easier any further inspection and the planned maintenance. * Free oxygen content: >6% * Rate gas: >10 m/s. * Time contact gas: >2¡¨ * Working temperature: 1000/1100¢XC * Standard color : black - red   COMBURENT AIR SYSTEM   * The comburent air system is fitted with an centrifugal fan and a steel pipeline, provided with shutters for its regulation. The comburent air supply system will provide the post-combustion chamber with the right quantity of preheated air, necessary to pyrolytic combustion.   COMBUSTION SYSTEM   * Combustion installation composed of: * N.1 diesel automatic burner marked CE. * N.1 diesel supply burner marked CE. * The oven is provided with a supply burner which turns on automatically when the temperature of the gas combustion, after the last air combustion injection, falls under the target temperature of 850 ¢XC or 1.100 ¢XC. The burner is used as well during the start and stop system operations, this is to guarantee a regular temperature of 850 ¢XC or 1.100¢XC during these operations and as long as the waste material remains in the combustion chamber. * All burners have a non-stop ventilation system, to avoid damages to stoke wholes, openings), and to the deflector group, caused by high working temperatures they are exposed, when reached the fixed limit they go on stand-by. Burners are also provided with instruments for the pyrometric temperature check, to keep automatically the incineration oven and the post-combustion chamber to the fixed planned temperatures.   CHIMNEY   * Next to fumes exit will be placed a chimney having the following features: * Chimney Made of Stainless Steel 8m from Ground. The building will be fully covered with refractory non-conductive material having a low heat transmittance coefficient. On demand it will be built in stainless steel AISI 304. * Cylindrical shape * Fumes dissipator put on its top to accelerate the way out and to lift the fumes up in the atmosphere * Standard color : black – red   ELECRTIC SWITCHBOARD FOR COMBUSTION   * The incineration system has an electric switchboard controlling all the electric equipments, switches, warning lights etc. The system is also provided with two temperature regulators which have digital showings, suitable to keep the oven at a planned regular temperature. (one for combustion chamber and one for post-combustion chamber) The control panel is commanded by microprocessor equipment It will be delivered and installed a timer for the incineration cycle. Power: 380/415 V 50 Hz - Installed electrical power: 5 kw   Second Burner in Combustion Chamber   |  |  |  | | --- | --- | --- | | Incineration chamber volume | m3 | 0.55 | | Max Burner Capacity | Kg/h | 30-40 | | Loading capacity | Kg/cycle | 50 | | Max thermal destructive capacity | kcal/h | 73500 | | Operation Time: | h | 8/12 | | Operating temperature (combustion chamber) | °C | 700/900 | | Insulator | Type | Caldegun or similar | | Refractory | Type | Phlox or similar (high % Al203) | | Centrifugal fan | mc/h |  | | Free oxygen content (in post combustion chamber) | % | 6 | | Rate gas (in post combustion chamber) | m/s | 10 | | Time contact gas (in post combustion chamber) | sec | 2 | | Installed electrical power | kw | 5 | | Fumes exit | m | 8 |   OR (Equivalent Specification)  (Make: USA/JAPAN/EC/UK OR EQUIVALENT) | | | 1 |  |  |  |  |
| 63 | | **Arterial Blood Gases Machine**  Type : Parameter  pH : pH  Blood gases: pCO2, pO2  Electrolytes: K+, NA+,Cl  Hemotocrit: Hct  Shelve life of solution: 3-4 month  Pouch volume: -440ml  Flucuid cycles: 230  Storage tempreture:12-12\*/54-77\*F  Full visual graphic array (VGA)  Full active thin transistor (TFT)  Resistive Touch Screen  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 64 | | **Appendectomy Set**  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 65 | | **Astinmoor**  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 66 | | **Basic instrument set**  Metal Ruler 6’’ (1 Nos)  Scalpel Handle #3 (1 Nos)  Scalpel Handle#4 (1 Nos)  TC Wire Cutting Scissors Angled 4 3/4’’ (1 Nos)  Rochester-OchsnerFoersepsCvd 5 ½’’ (1 Nos)  Allies Tenaculum Forceps Delicate 5 ¾’’ (2 Nos)  TC Derf NH Serr 4 ¾’’ (1 Nos)  TC-Crile-Wood NH NarroeSerr 6’’ (1 Nos)  TC Ryder Micro NH Serr 6’’ (1 Nos)  Stevens Tenotomy Scissors Delicate S/S 4 ½’’ (1 Nos)  Stevens Tenotomy Scissors Delicate B/B 4 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 4 ½’’ (1 NOs)  Reynolds Sciss Nar Tip Cvd 6 (1 Nos)  Semkin Dressing Forceps Delicate 5’’ (1 Nos)  Semkin Tissue Forceps 1x2 Teeth Delicate 5’’ (2 Nos)  Miller-Senn Retractor Double End Sharp 6’’ (1 Nos)  Iris Scissors str 4 1/8’’ (1 Nos)  Iris Scissors Cvd 4 1/8’’ (1 Nos)  Mayo Scissors Str 5 ½’’ (1 Nos)  Mayo Scissors Cvd 5 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 6’’ (1 Nos)  Hartmann Mosquito Forceps Str 3 1/2 ‘’ (3 Nos)  Hartmann Mosquito Forceps Cvd 3 1/2 ‘’ (3 Nos)  Halsted Mosquito Forceps Str 5’’ (6 Nos)  Halsted Mosquito Forceps Cvd 5’’ (6 Nos)  Adson Dressing Forceps Serr 4 ¾’’ (1 Nos)  Adson Tissue Forceps Slide grasping 4 ¾’’ ( 1 Nos)  Allis Forceps 4x5 Teeth 6’’ (1 NOS)  Extra Delicate Allis Forceps 4x5 Teeth 5’’ 91 Nos)  Freer Dissector Double End S/B 7 (1 Nos)  Joseph Hook 1 Prong Sharp 6 ¼’’ (2 Nos)  Backhaus Towel Clamp 3 ½’’ (2 Nos)  Backhaus Towel Clamp 5 1/4’’ (6 Nos)  Cushing Nerve and Vein retractor 9 (1 Nos)  Frazier Suction Tube 7 French (1 Nos)  Frazier Suction Tube 8 French (1 Nos)  Crile Retractor D/E 4 ½’’ (1 Nos)  US Army Retractor (Set of 2) 8 1/2 ‘’ (1 Nos)  Senn retractor Double End Sharp 6 ¼’’ (1 Nos)  Ballenger Sponge Forceps StrSerr 7’’ (2 Nos)  Ballenger Sponge forceps CvdSerr 7’’ (2 Nos)  Foerster Sponge Forceps StrSerr 9 ½’’ (2 Nos)  Made from imported stainless steel, Rust resistant and satin finish  Export Quality Material  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 14 |  |  |  |  |
| 67 | | **Basic instrument set**  Metal Ruler 6’’ (1 Nos)  Scalpel Handle #3 (1 Nos)  Scalpel Handle#4 (1 Nos)  TC Wire Cutting Scissors Angled 4 3/4’’ (1 Nos)  Rochester-OchsnerFoersepsCvd 5 ½’’ (1 Nos)  Allies Tenaculum Forceps Delicate 5 ¾’’ (2 Nos)  TC Derf NH Serr 4 ¾’’ (1 Nos)  TC-Crile-Wood NH NarroeSerr 6’’ (1 Nos)  TC Ryder Micro NH Serr 6’’ (1 Nos)  Stevens Tenotomy Scissors Delicate S/S 4 ½’’ (1 Nos)  Stevens Tenotomy Scissors Delicate B/B 4 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 4 ½’’ (1 NOs)  Reynolds Sciss Nar Tip Cvd 6 (1 Nos)  Semkin Dressing Forceps Delicate 5’’ (1 Nos)  Semkin Tissue Forceps 1x2 Teeth Delicate 5’’ (2 Nos)  Miller-Senn Retractor Double End Sharp 6’’ (1 Nos)  Iris Scissors str 4 1/8’’ (1 Nos)  Iris Scissors Cvd 4 1/8’’ (1 Nos)  Mayo Scissors Str 5 ½’’ (1 Nos)  Mayo Scissors Cvd 5 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 6’’ (1 Nos)  Hartmann Mosquito Forceps Str 3 1/2 ‘’ (3 Nos)  Hartmann Mosquito Forceps Cvd 3 1/2 ‘’ (3 Nos)  Halsted Mosquito Forceps Str 5’’ (6 Nos)  Halsted Mosquito Forceps Cvd 5’’ (6 Nos)  Adson Dressing Forceps Serr 4 ¾’’ (1 Nos)  Adson Tissue Forceps Slide grasping 4 ¾’’ ( 1 Nos)  Allis Forceps 4x5 Teeth 6’’ (1 NOS)  Extra Delicate Allis Forceps 4x5 Teeth 5’’ 91 Nos)  Freer Dissector Double End S/B 7 (1 Nos)  Joseph Hook 1 Prong Sharp 6 ¼’’ (2 Nos)  Backhaus Towel Clamp 3 ½’’ (2 Nos)  Backhaus Towel Clamp 5 1/4’’ (6 Nos)  Cushing Nerve and Vein retractor 9 (1 Nos)  Frazier Suction Tube 7 French (1 Nos)  Frazier Suction Tube 8 French (1 Nos)  Crile Retractor D/E 4 ½’’ (1 Nos)  US Army Retractor (Set of 2) 8 1/2 ‘’ (1 Nos)  Senn retractor Double End Sharp 6 ¼’’ (1 Nos)  Ballenger Sponge Forceps StrSerr 7’’ (2 Nos)  Ballenger Sponge forceps CvdSerr 7’’ (2 Nos)  Foerster Sponge Forceps StrSerr 9 ½’’ (2 Nos)  Made from imported stainless steel, Rust resistant and satin finish  Export Quality Material  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 68 | | **Diathermy (Electrosurgical Unit)**  High frequency surgical diathermy for mono polar and bi polar cutting and coagulation for use in general surgery, ENT, Gynecology, Urology, Orthopedic, etc.  Output frequency 300Khz  Output power 300 W  Monopolar cutting 300 W  Blend: 230W or more.  Monopolar coagulation  Spray 120  Bipolar Cutting  Bipolar coagulation : 70 W or more  Complete with following accessories:  Power cable, Monpolar Footswitch, Bipolar Footswitch, Reusable Diathermy pencil, Knife blade electrode straight 2.8cm or better with shaft, Loop-electrode diameter of 9mm or better with shaft, Titanium forceps , bipolar cable, Disposable patient plate & trolley  OR EQUIVALENT  Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 69 | | ELISA Machine with washer  Absorbance method, Cutoff, multipoint, point to point  Micorplate : 96 well plate, wave length range 405-700nm or bigger range with highest reading frequency  Wave length selection & Duplicate well option  6 Filter wheel capacity.  Band pass 10nm  Dynamic range 0-4.0 or more  Read Absorbance in 10 Sec or less  Fully automatic Eliza washer & rinse function  RESOLUTION: 50ul  ACCURACY @ 300μL: +/-3% well to well  PRECISION (Repeatability) @ 300uL: 3% C.V. or better  PROCESSING TIME (full plate): 350μL x 3 cycles x 12 port; 125 sec.  350μL x 3 cycles x 8 port; 55 sec.  RESIDUAL VOLUME: <3μL per well  Wash,Rinse& Waste Bottles with volume sensor probe.  LIQUID CONTACT MATERIALS: Glass, Polypropylene, Polyethylene,  Stainless Steel, Tygon, Teflon, Delrin and Nylon    OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 70 | | **Humbies knife**  Made from imported stainless steel, Rust resistant and Satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 71 | | **Infusion pump**  Volumetric peristaltic infusion pump. Flow rate 0.1 to 99.9 ml/h. Unit compatible with most IV set. Memory function incase of power failure to retain the most recent flow rate & total volume. Comprehensive alarm for Air in line, occlusion, door open, low battery, infusion complete, empty container. Built in battery charger. Unit complete with IV sets.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 6 |  |  |  |  |
| 72 | | **Basic Instrument Set**  Metal Ruler 6’’ (1 Nos)  Scalpel Handle #3 (1 Nos)  Scalpel Handle#4 (1 Nos)  TC Wire Cutting Scissors Angled 4 3/4’’ (1 Nos)  Rochester-OchsnerFoersepsCvd 5 ½’’ (1 Nos)  Allies Tenaculum Forceps Delicate 5 ¾’’ (2 Nos)  TC Derf NH Serr 4 ¾’’ (1 Nos)  TC-Crile-Wood NH NarroeSerr 6’’ (1 Nos)  TC Ryder Micro NH Serr 6’’ (1 Nos)  Stevens Tenotomy Scissors Delicate S/S 4 ½’’ (1 Nos)  Stevens Tenotomy Scissors Delicate B/B 4 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 4 ½’’ (1 NOs)  Reynolds Sciss Nar Tip Cvd 6 (1 Nos)  Semkin Dressing Forceps Delicate 5’’ (1 Nos)  Semkin Tissue Forceps 1x2 Teeth Delicate 5’’ (2 Nos)  Miller-Senn Retractor Double End Sharp 6’’ (1 Nos)  Iris Scissors str 4 1/8’’ (1 Nos)  Iris Scissors Cvd 4 1/8’’ (1 Nos)  Mayo Scissors Str 5 ½’’ (1 Nos)  Mayo Scissors Cvd 5 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 6’’ (1 Nos)  Hartmann Mosquito Forceps Str 3 1/2 ‘’ (3 Nos)  Hartmann Mosquito Forceps Cvd 3 1/2 ‘’ (3 Nos)  Halsted Mosquito Forceps Str 5’’ (6 Nos)  Halsted Mosquito Forceps Cvd 5’’ (6 Nos)  Adson Dressing Forceps Serr 4 ¾’’ (1 Nos)  Adson Tissue Forceps Slide grasping 4 ¾’’ ( 1 Nos)  Allis Forceps 4x5 Teeth 6’’ (1 NOS)  Extra Delicate Allis Forceps 4x5 Teeth 5’’ 91 Nos)  Freer Dissector Double End S/B 7 (1 Nos)  Joseph Hook 1 Prong Sharp 6 ¼’’ (2 Nos)  Backhaus Towel Clamp 3 ½’’ (2 Nos)  Backhaus Towel Clamp 5 1/4’’ (6 Nos)  Cushing Nerve and Vein retractor 9 (1 Nos)  Frazier Suction Tube 7 French (1 Nos)  Frazier Suction Tube 8 French (1 Nos)  Crile Retractor D/E 4 ½’’ (1 Nos)  US Army Retractor (Set of 2) 8 1/2 ‘’ (1 Nos)  Senn retractor Double End Sharp 6 ¼’’ (1 Nos)  Ballenger Sponge Forceps StrSerr 7’’ (2 Nos)  Ballenger Sponge forceps CvdSerr 7’’ (2 Nos)  Foerster Sponge Forceps StrSerr 9 ½’’ (2 Nos)  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 73 | | **Laryngoscope**  fiber optic laryngoscope with blades and halogen light source in the handle  sterilizable with re-chargeable batteries.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 74 | | **Mastoid & Middle Ear Surgery Set**  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 75 | | **Minor OT Table**  Multipurpose Hydraulic Operation table  Patient weight bearing capacity should be 200kg or more.  Built in x-ray cassettes channel.  Radio translucent table .  Safety side rail,  should have special function of patient positioning, up and down, left and right tilt, up and down back , up and down leg, sliding function.  Range of table movement  Head: +/- 90° or better  Back: +75°/-40° or better  Leg: +25°/-75° or better  Trendelungburg : +/-30°or better  Lateral tilt : +/-20° or better  Kidney elevator  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 76 | | **Nebulizer**  Nebulization Rate: 0 t0 70ml/hour  Air Volume Flow rate: 0 to 10 l/min  Mist Density: 105mg/min  HF frequency: 2.4MHz  Timer: 0 to 15min / continuous mode  Includes: mobile stand  OR EQUIVALENT    Make: UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 8 |  |  |  |  |
| 77 | | **Nebulizer heavy duty**  Compressor: Piston.Fuse: T1,6 A/ 250V. Operating Pressure : 0.90 bar. Air flow : 141/min. Noise Level: 50db. Temporary Use: 30/30 min. ON/OFF. Class of Risk :IIa. Accessories: Adult face mask 01. Pediatry Face Mask . Faster jet Bulb . Mouthpiece. Nasal prong. Connection tubing.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 78 | | Otoscope  Illumination form: Fiber optics transmit light  Magnification of lens: 2X  Operation mode: Intermittent, On-time should not exceed to 2 min with off-time not less than 5 mins  OR EQUIVALENT  Make: UK/USA/EEC/Japan.    *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 79 | | **Oxygen flow meter**  Flow 0~15 liter  With BS probe  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 5 |  |  |  |  |
| 80 | | Centralized Medical gases supply system for 200 Beds  ITEM 1.  AUTOMATIC MANIFOLD FOR OXYGEN FOR 2 X 10 CYLINDERS  1 No.  WITH CONNECTION TO VIE TANK.  The Control Panel should handle three sources i.e. Two sided cylinders  battery and one VIE Tank / Oxygen Generation System.  The Manifold shall be a fully automatic type & shall switch  from Tank / Generation System to Cylinders Battery and “Bank in Use” to “Reserve”  bank without fluctuation in delivery supply line pressure  The system should be able to maintain continuous supply in case of power failure.  Capacity: 70-90, M3/h.  Function:  Fully automatic self-contained shuttle-valve with no electrical power  required for switching, Microprocessor based control panel with display.  Units of measure (psi/Pa/Bar).  LCD /LED display for the left bank, the right bank,& VIE Tank / Oxygen Generation System for the supply pressure.  Complete with relief valve, Emergency shut off valve and battery / bank  room alarm for left and right cylinder bank, pressure reducers of Tank Panel.  Service and maintenance works can be carried out without stopping  operation.  In built VIE Tank / Oxygen Generation System connection controlled by Manifold.  ITEM 2  AUTOMATIC MANIFOLD FOR NITROUS OXIDE (2 X 5) 1 No,  The Manifold shall be a fully automatic type & shall switch from "Bank  in Use" to "Reserve" bank with out fluctuation in delivery supply line  pressure&with out the need for external power after the switch-over  the "Reserve" bank shall then become the “Bank in Use" and the bank  in use shall become the reserve bank. The System should be able  maintain continuous supply in case of Power failure.  Capacity 10 - 50 M3/ h.  Function:  Fully automatic self-contained shuttle-valve with no electrical power  required for switching, Microprocessor based control panel with display.  Units of measure (psi/Pa/Bar) LCD / LED display for the left  bank, the right bank & for the supply pressure.  Complete with relief valve, Emergency shut off valve and battery / bank  room alarm for left and right cylinder bank.  Service and maintenance works can be carried out without stopping  operation.  ITEM 3  WALL OUTLET.  Outlet should have double lock quick connect and gas specific. The latch /  Locking release mechanism should be incorporated on the gas outlet with  Geometrical key indexing and should have a parking facility so that in the  Event of release of probe by pressing the spring loaded center, the probe  / Flow meter does not fall down.  Gas outlets wall mounted, Complete in Box/casing gas Specific, Self sealing  valve, indexed to eliminate interchangeability/erroneous tapping of gas  and cover plate.  Oxygen Qty.92 Nos.  Nitrous Oxide Qty.6 Nos.  Compressed Air 4/5 bar Qty.92 Nos.  ITEM 4  Air Venturi System with Gauge 25 Nos.  The injector should be connected to wall source of pressure gas using  Direct probe or rail mounting system. Max. Vacuum 650 to 700 mbar.  System should be supplied with 02liter Un Breakable &Sterilizable  Collection jar.  ITEM 5(a)  Multiple Zone Valve Box with Monitoring Gauge forthree gases 3 No.  Microprocessor controlled with digital display of pressure.  Each wall type zone valve box shall consist of the following Components.  A steel valve box which can house two to four shut-off-ball valve with tube  extensions.  ITEM 5(b)  Multiple Zone Valve Box with Monitoring Gauge for two gases 4 Nos.  Microprocessor controlled with digital display of pressure.  Each wall type zone valve box shall consist of the following Components.  A steel valve box which can house two to four shut-off-ball valve with tube  Extensions.  ITEM 6  CEILING PENDANTS:  Flexible Ceiling Type Outlets:  Oxygen 12 Nos.  Air 12 Nos.  N2O 6 Nos.  ITEM 7  OXYGEN FLOW METER WITH HUMIDIFIER & PROBES: 80 Nos.  With autoclave able and unbreakable humidifier bottle and probe.  ITEM 8  COPPER PIPING (IMPORTED FROM UK, GERMANY, USA):  Supply and installation of seamless copper pipe, deoxidized and  for use in piped medical gas systems,  Therefore it is guaranteed that the tubes are  leak-tight, free of pores, blisters etc, Tube  is drawn seamless, according to HMT 2022 (HTM 02-01) Or equivalent.  Material :-  Copper tubes, including fixing clips for  ceiling and walls, sleeves, reducers, tee's  bends and soldering material.  1350Meter Size 15 x 1.  1500 Meter Size 12 x 1.  ITEM 9  ANESTHESIA SCAVENGING SYSTEM 6 Nos.  Anesthetic gas scavenging systems designed to remove exhaled anesthetic  gas mixtures from operating theatres driven by Air/Oxygen at 05 bar or  through vacuum plant, anesthetic rooms and recovery area.  ITEM 10  Motor 7.5KW (10HP)  Each 10 HP Motor Produces 1200 Liters and 4 motor supplies 4800 Liters min when duplex compressor in use and more than 2400 minimum Liters per minute in each Skid Mount compressor with Hepa filter  Working Pressure: 9.5 KG/CM2G (135 PSI)  Air Dryers  2 x Dryer  Volume Flow Rate @ Inlet: 1200 lit/min @80 ⁰C  Max. Operating Pressure: 14 barg.  Max. Ambient Temperature: 45 ⁰C  Pressure Dew Point: +3 ⁰C  Power Source: 230V / 1PH / 50HZ  Filtration  2 x Pre-Filter – 1200 lit/min (3 Micron) ½”  4 x After-Filter – 1200 lit/min (0.01 Micron) ½”  1.9) By Pass System (Local with Imported Fittings):  Isolation Valves, Adaptors, Regulators & Pressure Switches.  Electrical Panel  Simple Controlled Electrical Panel, Pressure based Automatic Switching between Compressors, Contractors, Overload, Power Indication Lights and Circuit Breakers.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 81 | | **Patient Monitor**    05 Parameters Monitor with 12 inches or more, color TFT screen with touch screen    Built in ECG  NIBP  Respiration  Temperature  And SpO2 measurement with all standard accessories including reusable SpO2 probe.  **Trends:**  72 hours or more  Battery: 3 hours backup or more  System output:  Ethernet Network: 1 standard RJ45 socket  Defibrillation output: 1BNC connector    Make:UK/USA/EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 82 | | Phaco machine  Peristaltic pump, Realistic venture effect. Cool Phaco technology. Micro Incision Cataract Surgery (MICS).Dual linear foot switch.Widest range of MICS instruments, 20 gauge forceps and scissors.Auto Self-Test and tuning..Mini Mega ultrasonic Tip. Separate control for Vacuum and Flow rate.  Cool Phaco:Frequency: 27 – 55 kHz, Pulsation: Cool flash technology  Aspiration:Flow rate: 1 – 50 ml, Vacuum: 1 – 550 mmHg  Vitrectomy:Pneumatic, nominal pressure: 1.4 bar (20 PSI), Stroke: 10 – imp/min  Diathermy:Power: 0 – 15W at 125 Ohms, Frequency: 1.5 MHz, Pulsation: 3 Hz  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 83 | | Phototherapy light Unit  High density light power with fan less LED technology  5 level of light intensity  LCD graphic screen  Sophisticated base unit  Casters 2/3 with breaks  Targeting feature (red light)  Horizontal angle adjustment 360°  Light Source: Blue LED’s  Wave length: 450 nm or more (±2%)  Max light intensity (40cm): 120 µw/cm²/nm (±10%) or more  Min light intensity (40cm): 30 µw/cm²/nm (±10%)  Effective area (40cm): 40cm x 20cm or more better  LED life time: At max level 20,000 hours or more  Should be CE & TUV.  OR EQUIVALENT  Make: Japan/Europe/ Korea/ Taiwan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 84 | | **Plaster cutter**  Compact, lightweight plaster cutter equipped with a cooling fan  With blade lock and adjustable guide and cutting depth gauge.  wide range of saw blades  Stainless steel blades .  non-stick blades with PTFE coating  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 82 | | Pneumatic dermatome compete with hand piece case 4 width plates and screw driver hose pipe and regulator | | 2 |  |  |  |  |
| 86 | | **Portable LED OT light**  Mobile spot Light  Minimum 30,000LUX/0.5m or more  Color temperature: 4000K or more better  Flexible arm with up & down movement and 360 degree rotation.  OR EQUIVALENT    Make: UK/USA/EEC/JAPAN  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 87 | | **Skin Graft Masher**  Single cuts graft , geometrical shaped mash and enlarge skin surface.  Predetermine graft expansion by graft caring plates .multiple plate system .graft thickness adjustment for thin and thick grafts. Unit complete with skin graft carrier , lights for graft carriers.  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 88 | | **Skin grafting knife**  Made from imported stainless steel, Rust resistant and Satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 89 | | **Small Fragment Set**  Small Fragment Instrumentation Set  Containing:  Tap for screws Ø 3.5mm, length 110/50mm  Tap for cabcellous bone screws Ø 4.0mm, length 110/85mm.  Drill bit Ø 2.5mm, length 110/85mm, 2-flute, for quick coupling.  Drill bit Ø 3.5mm, length 110/85mm, for quick coupling.  DCP drill guide 3.5, for neutral and load position.  Drill sleeve insert 3.5/2.5, length 42mm.  Double drill guide 3.5/2.5  Triple drill guide 2.0, with 3 holes.  Depth gauge for screws Ø 2.7 to 4.0 mm, measuring range upto 60mm.  Screwdriver, hexagonal, small, with holding sleeves.  Screwdriver shaft, hexagonal, small, Ø 2.5mm.  Handle with quick coupling, self-holding, length 110mm.  Screw forceps, self-holding, length 85mm.  Sharp hook, length 155mm.  Bending iron for plates 2.4 to 3.5, length 145mm.  Bending iron for plates 2.4 to 3.5, length 145mm.  Bending template for LC-DCP 3.5 and DCP 3.5, length 87mm.  Bending template for LC-DCP 3.5 and DCP 3.5, length 114mm.  Bone holding forceps, self centering, speed lock, length 190mm.  Reduction forceps with points, ratchet lock, length 130mm.  Reduction forceps, toothed ratchet lock, length 140mm.  Reduction forceps, with points, wide, soft lock, length 127mm.  Reduction forceps, toothed, soft lock, length 146mm.  Bone holding forceps, self centering, soft lock, length 191mm.  Bone liver, width 15mm, length 160mm.  Bone liver, small, short narrow tip, width 8mm, length 160mm.  Periosteal elevator, slightly curved, straight edge, width 6mm, length 187/87mm.  Bone liver, small, short narrow tip, width 6mm, length 160mm.  Counter sink 3.5  LCP drill guide 3.5, for neutral and load position.  LCP drill sleeves 3.5, for drill bits, Ø 2.8mm.  LCP drill bit Ø 2.8mm with stop, length 165mm, for quick coupling.  Bone holding forceps, self centering, soft lock, length 191mm.  DLS drill guide 3.7, for drill bits Ø 3.1mm, length 165mm, 2-flute, for quick coupling.  Drill bit Ø 3.1 w/stop caliber L250/225.  Locking drill sleeves Ø 3.1 percut.  Made from imported stainless steel, Rust resistant and stain finish  Uk/USA/EEC/Japan/ also  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 90 | | **SMR, Septoplasty set**  Made from imported stainless steel, Rust resistant and Satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 91 | | **Portable LED OT light**  Mobile spot Light  Minimum 30,000LUX/0.5m or more  Color temperature: 4000K or more better  Flexible arm with up & down movement and 360 degree rotation.  OR EQUIVALENT    Make: UK/USA/EEC/JAPAN  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 92 | | **Surgical instrument set**  Metal Ruler 6’’ (1 Nos)  Scalpel Handle #3 (1 Nos)  Scalpel Handle#4 (1 Nos)  TC Wire Cutting Scissors Angled 4 3/4’’ (1 Nos)  Rochester-OchsnerFoersepsCvd 5 ½’’ (1 Nos)  Allies Tenaculum Forceps Delicate 5 ¾’’ (2 Nos)  TC Derf NH Serr 4 ¾’’ (1 Nos)  TC-Crile-Wood NH NarroeSerr 6’’ (1 Nos)  TC Ryder Micro NH Serr 6’’ (1 Nos)  Stevens Tenotomy Scissors Delicate S/S 4 ½’’ (1 Nos)  Stevens Tenotomy Scissors Delicate B/B 4 ½’’ (1 Nos)  Metzenbaum Scissors Cvd 4 ½’’ (1 NOs)  Reynolds Sciss Nar Tip Cvd 6 (1 Nos)  Semkin Dressing Forceps Delicate 5’’ (1 Nos)  Semkin Tissue Forceps 1x2 Teeth Delicate 5’’ (2 Nos)  Miller-Senn Retractor Double End Sharp 6’’ (1 Nos)  Iris Scissors str 4 1/8’’ (1 Nos)  Iris Scissors Cvd 4 1/8’’ (1 Nos)  Mayo ScissorsStr 5 ½’’ (1 Nos)  Mayo ScissorsCvd 5 ½’’ (1 Nos)  MetzenbaumScissorsCvd 6’’ (1 Nos)  Hartmann Mosquito ForcepsStr 3 1/2 ‘’ (3 Nos)  Hartmann Mosquito ForcepsCvd 3 1/2 ‘’ (3 Nos)  Halsted Mosquito Forceps Str 5’’ (6 Nos)  Halsted Mosquito Forceps Cvd 5’’ (6 Nos)  Adson Dressing Forceps Serr 4 ¾’’ (1 Nos)  Adson Tissue Forceps Slide grasping 4 ¾’’ ( 1 Nos)  Allis Forceps 4x5 Teeth 6’’ (1 NOS)  Extra Delicate Allis Forceps 4x5 Teeth 5’’ 91 Nos)  Freer Dissector Double End S/B 7 (1 Nos)  Joseph Hook 1 Prong Sharp 6 ¼’’ (2 Nos)  Backhaus Towel Clamp 3 ½’’ (2 Nos)  Backhaus Towel Clamp 5 1/4’’ (6 Nos)  Cushing Nerve and Vein retractor 9 (1 Nos)  Frazier Suction Tube 7 French (1 Nos)  Frazier Suction Tube 8 French (1 Nos)  Crile Retractor D/E 4 ½’’ (1 Nos)  US Army Retractor (Set of 2) 8 1/2 ‘’ (1 Nos)  Senn retractor Double End Sharp 6 ¼’’ (1 Nos)  Ballenger Sponge Forceps StrSerr 7’’ (2 Nos)  Ballenger Sponge forceps CvdSerr 7’’ (2 Nos)  Foerster Sponge Forceps StrSerr 9 ½’’ (2 Nos)  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  **Must be CE Marked Product/ Export Quality**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 93 | | **Auto Fine Lumen Cleaner**  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 94 | | **Laproscopic**  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 95 | | **Air Drill with Attachment**  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 96 | | **Allies tissue forceps**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 97 | | Artery forceps (cvd)  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 98 | | Artery forceps (st)  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 99 | | Bab cock tissue forceps  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 100 | | **Baby Incubator**  Micro processed control with display  5 oval small doors + 1 Iris Double wall Front and back opening 8 raisin-cables  Trendelenburg and Trendelenburg reverse.  Built in humidity servo control with Sensor of humidity & Skin temperature sensor,  Air & skin temp display: 20°c to 39° c  Movable stand  OR EQUIVALENT  Make: UK/USA,America/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 101 | | **BP knife handle 3,4,7**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 102 | | **Central Monitor station**  **Central Monitor**  Multi-Channel 17-Inches or more colored Central Monitor with recording facility On Laser Printer  digital HR with high and low alarms on all parameters selected on bedside monitors.  Other parameters to be monitored as selected in the bedside monitors with automatic recording on alarm  System should be quoted with 12 Nos.  bedside monitor and central monitor to show 12 patient data.  However, system should have capability of upgradation  to display up to 16-patients data on the screen and system  should have facility for 2nd displays  monitor which can operate separately different  information to monitor many patient data.  Hard wire system with capabilities of Tele Monitoring as a future upgrade.  Capability to store 72-hours trend data and  up to 250 arrhythmia episodes of 8-seconds each  and up to 4000 ST events for each patient  Capability to store 72-hours  full disclosure ECG as well as 5 other waveforms for each patient.  Built-in automatic Arrhythmia analysis and ST analysis  Make:UK/USA/EEC/Japan  Installation in a teaching /major hospitals  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 103 | | **Chisel Impical set**  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 104 | | **Cril artery forceps (cvd)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 105 | | **Cril artery forceps (st)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 106 | | **Curette (valkman scope)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 107 | | **Debekary D/F # 5”, 6”, 7”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 108 | | **Diathermy bipolar**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 109 | | **Direct Laryngoscopy Fiber optic set**  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 110 | | **Dissecting forceps tooth # 5”, 6”, 7”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 111 | | **Dissecting prceps plain # 5”, 6”, 7”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 112 | | **Double ended hook retractor**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 113 | | **Echo Cardiographer (color dropler)**  **Echo Cardiographer (color Doppler)**  Original Trolley mounted Fully Digital multi beam former 128 or more physical channels.  Fast image processor and atleast three active connectors.  Gray shades 256 gray shades or better.  Image depth: Image depth: 28 cm or more.  Monitor: 15” or more high resolution, Non flicker TFT/LCD/LED.  Imaging modes:  B mode (2 D), Color flow mapping, M mode, PW/CW Doppler, Doppler Audio, PW/CW must be continuously steerable, Power Doppler Imaging (PDI) Tissue harmonics, Compound imaging, Trapezoid imaging, Beam steering etc 3D/4D upgrade possibilities.  Data management facility & measurements package:  Digital acquisition, storage and preview of complete Ultrasound studies including static and dynamic clips, studies can be review and output to CD/DVD. Integrated internal hard disk and CD/DVD writer/reader and USB storage memory. Comprehensive measurements package for general ultrasound color Doppler and echocardiography.  Complete with the following:  Convex probe Multi frequency between 2~6 MHz or better  Sector Multi frequency between 2~7 MHz or better  Black & White digital Ultrasound printer.  Sine wave on line UPS  OR EQUIVALENT  Make: UK/USA/western Europe/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 114 | | **Wire Instrument Set**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 115 | | **Frazier suction nozzle # 12”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 116 | | Galli pot  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 117 | | Gillies skin hook (single)  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 118 | | **Glassware**  Beaker Size : 5, 10, 50,100,400,1000ml,  Conical beaker, size: 150,250,500,1000ml  Jars various size: 150 ml, 50 x 200ml,  Crystallizing dish flat bottom  size : 50 mm/ 40ml, 80mm/150ml, 140mm/900ml  Flask wide neck, size: 50,100,500,1000ml  Flask narrow neck, size: 50,100,500,1000ml  Flask flat bottom, size : 50,100,500,1000ml  Flask round bottom, size : 50,100,500,1000ml  Evaporating dish, various sizes : 60 mm/45ml, 80mm/90ml,  Funnels, plain and powder : 55mm, 75 mm, 10 mm  Funnels with sintered dics : 30 x 143mm, 40 x 165mm, 60 x 190mm  Weighting bottles : 20 x 40mm, 30 x 60mm, 40 x 80mm  Culture flask : 1000 ml  Measuring cylinder : 5 ml, 10 ml, 25 ml, 100 ml,  Reagent bottles : 50 ml, 100 ml, 250 ml,  Stirring rods : 6 x 125mm, 6x 200mm,  Test tube with cap : 16 x 100, 16 x 120, 16 x 160  Test tube with and without rims: 10 x 75mm, 12 x 100mm, 24 x 150mm  Tubes centrifuge : 10, 15, 25ml,  Staining jars : Rectangular 105 x 85mm,  Microscopic Slides : 76 x 52mm, 76 x 26mm  Pipettes : 1ml, 5ml, 10ml, 20ml,  Burettes : 10ml, 25ml, 50ml,  Laboratory tanks : 200 x 150 x 150mm, 3 liters  OR EQUIVALENT  Should be CE Approved  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 119 | | **Hand Drill with attachment**  OR EQUIVALENT  CE Marked Product/ Export Quality | | 1 |  |  |  |  |
| 120 | | **Interlocking Instrument Set**  Made from imported stainless steel, Rust resistant and Satin finish  OR EQUIVALENT  CE Marked Product/ Export Quality | | 1 |  |  |  |  |
| 121 | | **Iris scissor (CVD)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 117 | | **Iris scissor (St)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 118 | | **IT Network ( L.S. ) / Telemedicine** | | 1 |  |  |  |  |
| 119 | | **K dish # 8” , 10”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 120 | | **Killner retractor (Sharpe)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 121 | | **Yanker suction nozzle**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 122 | | **Kocher artery forceps 6.5”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 8 |  |  |  |  |
| 123 | | **Lahey artery forceps**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 124 | | Laryngo Endoscope Rigid  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 125 | | **Laundry plant**  Complete with Medical barrier washer, disinfector, dryer, scale and sorting table.  OR EQUIVALENT  Make: UK/USA/EEC/Japan.  Warranty period shall be of two years starting from date of full functional commissioning | | 1 |  |  |  |  |
| 126 | | Lengenback retractor (large)  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 127 | | **Lengenback retractor (Medium)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 128 | | **Lengenback retractor (small)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 129 | | **London retractor**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 130 | | **Macindodiathermy forceps # 5”, 6”, 7”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 131 | | **Tenotomy scissor (CVD)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 132 | | **Tonsillectomy Set**  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 133 | | **Total hip set**  Made from imported stainless steel, Rust resistant and satin finish  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 134 | | **Towel clip (small)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 5 |  |  |  |  |
| 135 | | **Mayo Needle holder # 5”, 6”, 7”**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 3 |  |  |  |  |
| 136 | | **Mayo scissor 5.5” 7” (CVD)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 137 | | **Mayo scissor 7” (st)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 138 | | **Met scissor # 5.7 (st)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 139 | | **Mosquito artery forceps (cvd)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 12 |  |  |  |  |
| 140 | | **Mosquito artery forceps (st)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 12 |  |  |  |  |
| 141 | | **Met scissor # 5, 6.5”, 7.5” (CVD)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 142 | | **Probe with eye**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 143 | | Watson chine  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 144 | | West self retaining retractor (st) blunt (small)  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 145 | | Reduction forcep Set  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 146 | | **Refrigerator**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 147 | | Refrigerator(Rotary)  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 148 | | Robbert clamp  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 4 |  |  |  |  |
| 149 | | Rotary Sealing machine with work station chrome steel with complete accessories. | | 1 |  |  |  |  |
| 150 | | **Safety Cabinet**  Energy saver DC/ECM Motor; 4 feet model,;UV Lights Windows Alarm.  Monolithic pressure Tight Design; Frameless Sliding Tempered Glass view Screen. Wood Frame Large HEPA Filter 99.99% @0.3 Microns  OR EQUIVALENT  Must be NSF/ANSI 49 UL/UL-C Listed; Must be CE Marked  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 151 | | **Scale**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 152 | | Screw Box  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |
| 153 | | **Senn retractor (blunt)**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 154 | | **Operating Microscope**  Microscope for sharp and distinctive images.  With built in tension adjustable focusing system.  Optical System: Color Corrected infinity optical system  Observation Tube: Widefield Binocular 30˚  Widetrinocular 30˚-light distribution:10:0/20:8  Maintenance free, sealed, brass shaft, focus mechanism.  Pre-Centered and Pre-Focused condenser, LED illumination with continuous intensity control, Dust cover.  OR EQUIVALENT  Country of origin should be UK/USA/ EEC./Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end*. | | 1 |  |  |  |  |
| 155 | | **Spong holder set**  **Local Manufacturers/authorized sole distributor can Participate directly**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 2 |  |  |  |  |
| 156 | | Sterilization container / Unit  OR EQUIVALENT  Make: UK/USA/ EEC/Japan  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | | 1 |  |  |  |  |