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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** | | | | | | |
| 01 | **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’’ 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* | 05 |  |  |  |  |
| 02. | **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.  Country of originshould be USA/western Europe/Japan withtheirrespectivestandards MDD (CE) compliance/MHLW Japan  OR EQUIVALENT  *Warranty period shall be of three years starting from date of installation / commissioning* | 03 |  |  |  |  |
| 03 | **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  Country of originshould be USA/western Europe/Japan withtheirrespectivestandards MDD (CE) compliance/MHLW Japan  OR EQUIVALENT  *Warranty period shall be of three years starting from date of installation / commissioning* | 01 |  |  |  |  |
| 04 | **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.  **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* | 04 |  |  |  |  |
| **LABORATORY** | | | | | | |
| 05 | **ABG Machine**  Type                            Parameter  Hemoglobin:                tHP  Blood Gas                    pCO², pO²,sO²  Electrolytes                   K+, Na+, Cl-,Ca, Glucose  Calculated parameters  (HCO3),(st.HCH3),(stpH),(cH+),CO2,(Tco2)(SO2,(O2ct)  02 Canc (AaDOS) MCHC.P50 02.(nCa++)FIO2 Hematocrit (Hct) P50  Other Features  Sample Size Typ& Input:125 ul, Whole Blood, Plasma, or Serum & Automatic Aspiration  Shelve life of solution 3~4 months  Pouch volume               -440 ml  Fluidic cycles                 230  Storage temperature     10°C -32°C(50-90°F)  Shelf Life Storage:- 6-8 months, 4-30°C  Password Protected Analyzer Setup & Built in Printer with rechargeable \battery Pack Voltage 120w  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* | 05 |  |  |  |  |
| 06 | **Centrifuge Machine 12 head**  Complete with 12-place angle rotor.  Microprocessor-controlled with LCD Display  Head: 12 nos or more  Noise Level under 16dBA @ Maximum Speed  Maximum Speed: 5000 RPM or more    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*. | 05 |  |  |  |  |
| 07 | **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* | 05 |  |  |  |  |
| 08 | **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* | 05 |  |  |  |  |
| 09 | **Dry Cabinet Single Door**  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* | 01 |  |  |  |  |
| 10 | **Electrophoresis Fully Automated**  Truly Walk-away automation  1 gel run in maximum 45 minutes”  Dry Temperature controlled Migration Chamber  High Efficiency Peltier driven temperature  Unique flexible migration chamber, 2 or 3 electrodes  Easy result interpretation  Report what you see combining visual inspection of the gel and graph  Minimize unnecessary immunofixation testing, Maximize first line negative tests using  GOLD STANDARD Agarose Gel electrophoresis  Disposable Sample Plate  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* | 02 |  |  |  |  |
| 11 | **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*. | 04 |  |  |  |  |
| 12 | **Electronic Balance DESK TOP**  Capacity & Resolution: 400g x 0.01g  Percentage: Resolution: 0.01/ 0.1 / 1%  Stabilisation 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  **Should be CE Approved**  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 01 |  |  |  |  |
| 13 | **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 Elisa 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* | 01 |  |  |  |  |
| 14 | **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* | 01 |  |  |  |  |
| 15 | **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 upto10ul  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* | 02 |  |  |  |  |
| 16 | **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* | 01 |  |  |  |  |
| 17 | **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* | 01 |  |  |  |  |
| **OPERATION THEATRE** | | | | | | |
| 18 | **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* | 08 |  |  |  |  |
| 19 | **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* | 01 |  |  |  |  |
| 20 | **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* | 04 |  |  |  |  |
| 21 | **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* | 01 |  |  |  |  |
| 22 | **Autoclave Electrical Vertical**  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* | 03 |  |  |  |  |
| 23 | **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* | 01 |  |  |  |  |
| 24 | **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* | 01 |  |  |  |  |
| 25 | **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* | 01 |  |  |  |  |
| 26 | **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* | 01 |  |  |  |  |
| 27 | **Basic Instrument Set for L.C/D.C**  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* | 01 |  |  |  |  |
| 28 | **CTG Machine**  Dual Channel, 5 inch or more display  Trace annotation facility  automatic fetal movement measurement, Automatic detection of all sensor,  Patient data saving facility  Integrated battery,  USB Connectivity,  Built-in Thermal printer.  Complete unit with 2 ultrasound probes,  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* | 02 |  |  |  |  |
| 29 | **Delivery Table**  Delivery table made in three sections. The backrest is adjustable with a friction clutch. Cushioned with a comfortable Rexene and foam, A sliding stainless steel receptacle tray is mounted under the hip area. Must include Lithotomy poles, Infusion stand , Stainless steel receptacle tray, Side rails  **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* | 02 |  |  |  |  |
| 30 | **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* | 01 |  |  |  |  |
| 31 | **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* | 01 |  |  |  |  |
| 32 | **Cholecystectomy 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* | 01 |  |  |  |  |
| 33 | **D& C Set**  Scalpel Handle #3 x 1  Scalpel Handle #7 x 1  Scalpel Handle #3L x 1  Crile Forceps Str 6 1/4" x 6  Crile Forceps Cvd 6 1/4" x 6  Dressing Forceps 8" x 1  Tissue Forceps 1 x 2 Teeth 8" x 1  TC Crile-Murray NH Serr 6" x 1  TC Mayo-Hegar NH Serr 7"x 1  Backhaus Towel Clamp 5 1/4" x 6  Bozeman Forceps Double Curved 10" x 1  Foerster Sponge Forceps CvdSerr 9 1/2" x 2  Jackson Retractor Small Blade 3" x 1 1/2" x 1  Jackson Retractor Medium Blade 3 1/2" x 1 1/2" x 1  Auvard Weighted Speculum Medium 2 1/2 lbs. x 1  Graves Vaginal Speculum Medium 1 1/4" x 4"x 1  Graves Vaginal Speculum Large 1 3/8" x 4 1/2" x 1  Pederson Vaginal Speculum Small 1/2" x 3" x 1  KoganEndospeculum w/ Gauge and Screws x 1  Goodell Dilator Large 13" x 1  Hegar Dilators (Set of 8) x 1  Sims Sound Plain 12 1/2" x 1  Sims Curette Sharp 11" #2 x 1  Sims Curette Sharp 11" #3 x 1  Sims Curette Sharp 11" #4 x 1  Sims Curette Sharp 11" #5x 1  Kevorkian-YoungeEndocervical Curette w/ Basket 12"x 1  Schroeder Tenaculum Forceps 9 1/2" x1  Javerts Forceps Serr 9 1/2"x 1  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* | 01 |  |  |  |  |
| 34 | **D.N.E/ D.N.C Set**  Scalpel Handle #3 x 1  Scalpel Handle #7 x 1  Scalpel Handle #3L x 1  Crile Forceps Str 6 1/4" x 6  Crile Forceps Cvd 6 1/4" x 6  Dressing Forceps 8" x 1  Tissue Forceps 1 x 2 Teeth 8" x 1  TC Crile-Murray NH Serr 6" x 1  TC Mayo-Hegar NH Serr 7"x 1  Backhaus Towel Clamp 5 1/4" x 6  Bozeman Forceps Double Curved 10" x 1  Foerster Sponge Forceps CvdSerr 9 1/2" x 2  Jackson Retractor Small Blade 3" x 1 1/2" x 1  Jackson Retractor Medium Blade 3 1/2" x 1 1/2" x 1  Auvard Weighted Speculum Medium 2 1/2 lbs. x 1  Graves Vaginal Speculum Medium 1 1/4" x 4"x 1  Graves Vaginal Speculum Large 1 3/8" x 4 1/2" x 1  Pederson Vaginal Speculum Small 1/2" x 3" x 1  KoganEndospeculum w/ Gauge and Screws x 1  Goodell Dilator Large 13" x 1  Hegar Dilators (Set of 8) x 1  Sims Sound Plain 12 1/2" x 1  Sims Curette Sharp 11" #2 x 1  Sims Curette Sharp 11" #3 x 1  Sims Curette Sharp 11" #4 x 1  Sims Curette Sharp 11" #5x 1  Kevorkian-YoungeEndocervical Curette w/ Basket 12"x 1  Schroeder Tenaculum Forceps 9 1/2" x1  Javerts Forceps Serr 9 1/2"x 1  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* | 01 |  |  |  |  |
| 35 | **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* | 08 |  |  |  |  |
| 36 | **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* | 21 |  |  |  |  |
| 37 | **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  **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* | 01 |  |  |  |  |
| 38 | **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  From 650 to 850mm or better  Lateral Tilt: -20˚ to + 22˚  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* | 04 |  |  |  |  |
| 39 | **Hysterectomy set**  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* | 03 |  |  |  |  |
| 40 | **Instrument Tray**  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* | 01 |  |  |  |  |
| 41 | **Instrument Set for DHS/DCS**  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* | 02 |  |  |  |  |
| 42 | **L.S.C.S Set**  Tray kidney shape with Lid S/S 200x30mm (02 Nos)  Tray instrument with Lid 225x125x50mm Deep (02 Nos)  Forceps Artery Spencer Wells Straight BJ.S/S 125mm (12 Nos)  Forceps Artery Spencer Wells Straight BJ.S/S 200mm (02 Nos)  Forceps Dissecting Plain serrated jaws S/S 150 mm ( 02 Nos)  Forceps Dissecting Treves, 1x2 Teeth 150 mm (02 Nos)  Forceps Tissue Allis fine 4x5 Teeth BJ.S/S 150 mm (02 Nos)  Forceps Tissues little wood 2x3 Teeth (bj).s/S 190 mm (03 Nos)  Forceps Towel Holding cross Action S/S 100mm (06 Nos)  Forceps Sponge Holding Rampley BJ S/S 240 mm (04 Nos)  Handle size 3 for Scalple blades size 10-15 (01 No)  Handle size 4 for Scalple blades size 20-24 (01 No)  Needle Holder Mayo HegarBj.S/S 180mm z(02 Nos)  Scissor Mayo Straight SJ. S/S 200mm. (01 No)  Scissor Mc Indoe/Metzenbaum CO Flat SJ.S/S 190mm (01 No)  Retr. Doyen Ring Handle blade 95 mm Length 280 mm (01 No)  Retr.Lange beck H/H 13x44 Blade, 210 mm Long (01 No)  Retr. Morris Double-ended (52x38) & (5264) mm (01 No)  Pin Safety Mayo, forceps holding, 120mm (03 Nos0  Suction Tube Pool’s S/S 225mm (01 No)  Forceps Haemostasis Green Armitage 200 mm (06 Nos)  Sterilizing and storing case St. St. with filters 260x150x50 mm (02 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* | 06 |  |  |  |  |
| 43 | **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* | 02 |  |  |  |  |
| 44 | **Normal Delivery Set**  Sponge holidingforcepe x 2  Cord clamp  Straight big artery forcepe x 1  Dissecting forceps tooth x 1  Dissecting forceps non tooth x 1  Scissor mayo x 1  Scissor cord cutting x 1  Scissorepisiotomy x 1  Outlet forceps x 1  Low mid cavity forceps x 1  Silicon cups, 40mm, 50mm and 60mm  Complete with cover bag  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* | 01 |  |  |  |  |
| 45 | **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% or better  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* | 10 |  |  |  |  |
| 46 | **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* | 02 |  |  |  |  |
| 47 | **Reaming 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* | 01 |  |  |  |  |
| 48 | **Reduction Forcep 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* | 02 |  |  |  |  |
| 49 | **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* | 04 |  |  |  |  |
| 50 | **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* | 02 |  |  |  |  |
| 51 | **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* | 01 |  |  |  |  |
| 52 | **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* | 02 |  |  |  |  |
| 53 | **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* | 01 |  |  |  |  |
| 54 | **Vacuum extractor**  Vacuum Extractor with various sizes suction cups.  4 antistatic castors , 2 with brakes.  Piston type, oil free.  Pump flow: min 40L/min or more.  overflow prevention.  Hydrophobic PTFE filter.  3 m PVC Suction tube.  Metallic handle, 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* | 01 |  |  |  |  |
| 55 | **Digital video colposcope.**  **Flexible**  Magnification 15X  Focus length: 300 mm  Field of view: diameter 22 mm  Depth of field: > 18/4/2 mm  Light intensity: > 28.000 lux  Interchangeable adjustable eyepiece 12.5X  Illumination: longlife 5.9V / 5W LED  Superior optics with individually adjustable eyepiece  Built-in rheostat for brightness adjustment  Easily changeable, LED bulb  User-selectable built-in green filter  Two (gross/fine) focus adjustment handles  Two (gross/fine) height adjustment handles  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* | 08 |  |  |  |  |
| 56 | **Directly Laryngoscopy fiber optic 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* | 04 |  |  |  |  |
| 57 | **Endoscope**  Video Gastro scope with 15” Medical grade LCD Monitor  High Resolution Video CCD chip and latest digital scope  180º axially rotatable connector head improves user safety  Scope should provide the full screen image on LCD  Scope should have the capability to visualize the suspicious tissues and lesions  Field Of View :140º or better  Focal range: 5 – 100 mm  Outer Diameter:9.8 mm or less  Instrument Channel: 2.8 mm or less  Minimum Angulations (210 up , 120 down and 120 right / left or better)  Minimum Working length: 1050 mm or better  Scope should be capable for band ligation procedure  Accessories:  Biopsy forceps  KSnare/Swan Blade/Bipolar Hemostasis forceps  Grasping Basket  Channel Cleaning Brush Set.  Case and Maintenance kit.  **High Resolution Digital Video Processor with Xenon Light source**  High Resolution Image video processor with digital signal processing technology  Maximum working comfort  Digital Video Processing for effective mucosa evaluations  Contour Enhancement  Brightness control: 11 steps  Easy data management for rapid storage  Data management: 30 patient / 50 users  **Light Source**  Xenon light source 100 W or more  Xlum Mode  Color Correction: ± 5 steps  Output: 1x RGB, 2x Y/C, 1x Composite  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* | 06 |  |  |  |  |
| 58 | **Lyrngo 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* | 02 |  |  |  |  |
| **EMERGENCY/ICU** | | | | | | |
| 59 | **Pulse Oximeter**  Dynamic color changes correlated to the patients pulse  Oxygen saturation range SPO2: 0-100%  Built in Rechargeable Battery  High & Low adjustable alarms on SPO2 and Pulse rate  Memory of 100 hours or better and heart rate trends.  Complete with Adult Finger Clip Sensor, Pediatric Finger Sensor,  Power Cord, Rechargeable Battery, Operation Manual  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* | 04 |  |  |  |  |
| 60 | **Suction Machine**  Suction Machine with two polycarbonate collection Jars of 1000ml each  4 antistatic castors , 2 with brakes.  Piston type, oil free.  Pump flow: Minimum 40L/min and more  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* | 02 |  |  |  |  |
| 61 | **Suction Machine Heavy Duty**  Suction Machine with two polycarbonate collection Jars of 2000ml each.  4 antistatic castors , 2 with brakes.  Piston type, oil free.  Pump flow: minimum 60L/min and more  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* | 34 |  |  |  |  |
| 62 | **Suction Machine Portable**  Suction Machine with two polycarbonate collection Jars.  Piston type, oil free.  Pump flow: 30L/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* | 06 |  |  |  |  |
| 63 | **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* | 02 |  |  |  |  |
| 64 | **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* | 02 |  |  |  |  |
| 65 | **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* | 02 |  |  |  |  |
| 66 | **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* | 01 |  |  |  |  |
| 67 | **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* | 21 |  |  |  |  |
| 68 | **Digital Color Doppler Ultrasound System for whole Body**  Original Trolley mounted Fully Digital multi beam former 128 or more physical channels.  Fast image processor and at least three active connectors.  Gray shades 256 gray shades or better.  Image depth: Image depth: 30 cm or more.  Monitor: 15” or more high resolution, Non flicker TFT/LCD/LED. 7” inch or more touch command screen.  Imaging modes:  B mode (2 D), Color flow mapping, M mode, Doppler Audio, PW 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 (320GB) 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  Linear probe Multi frequency between 5~10 MHz or better  Endo cavity probe between 5~10 MHz or better  Choice upto 4 transducers  B- Mode imaging  Adaptive Doppler and color Doppler.  Black & White digital Ultrasound printer.  Sine wave on line UPS  OR EQUIVALENT  Country of originshould be USA/western Europe/Japan withtheirrespectivestandards MDD (CE) compliance/MHLW Japan.  *Warranty period shall be of three years starting from date of installation / commissioning* | 01 |  |  |  |  |
| 69 | **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* | 02 |  |  |  |  |
| 70 | **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* | 03 |  |  |  |  |
| 71 | **Emergency Resuscitation 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  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* | 04 |  |  |  |  |
| 72 | **Multiparameter 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* | 06 |  |  |  |  |
| 73 | **Temporary Pace Maker**  Temporary cardiac pacemaker to be used with cardiac pacing lead systems for temporary atrial or ventricular or A-V sequential pacing. Diagnoses of : Sick Sinus Syndrome, Bradycardia with congestive heart failure, Complete heart block, Acute myocardial infarction complicated by heart block, Sinus bradycardia, Cardiac arrest with ventricular asystole, Atrial and/or ventricular ectopic arrhythmia, Postoperatively after cardiac surgery, Temporary application during implantation or exchange of permanent pacemaker., Supra-ventricular tachycardia. Basic Rate: 30 – 220 ppm. High Pacing Rate : 70-1000ppm. Stimulation Amplitude: 0.1-18V. Pulse Width : 0.05-1.5ms. Sensitivity: Atrial: 0.2 – 20 mV, Ventricular: 1.0 – 20 mV. Modes: Primary: DDD (BV, R, L), VVI (BV, R, L), AAI, VDD (BV, R, L) Secondary: D00 (BV, R, L), V00 (BV, R, L), A00, DVI (BV, R, L), DAI (BV, R, L), VAT (BV, R, L), AAT, DDD+AT (BV, R, L), DAT (BV, R, L), DDI (BV, R, L)  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 |  |  |  |  |
| 74 | **ECG Machine 3 Ch**  ECG Machine 3 channel.  Alphanumeric key board, LCD graphic display 3.5” or more and pace maker detection facility.  Unit should operate on mains and Battery backup 1 hour or more  Printer: Paper width (mm: 58, Roll Paper type.  Paper speed (mm/s) : 5, 10, 25, 50.  Number of leads:12.  Real time , synchronic transmission in automatic mode. PC Interface  Digital Filters Averaging of ECG cur .  Analysis. Interpretation in words.  Complete with: Set of electrodes, patient cable, power cord, gel, paper roll 58mm / 25m 5 nos. dust cover.  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* | 04 |  |  |  |  |
| 75 | **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* | 06 |  |  |  |  |
| **OPD/WARD** | | | | | | |
| 76 | **Wall Mounted BP apparatus**  with fabric cuff with Velcro closure, reliable manometer with clip to be fixed on the cuff.  Scale 0-300 mmHg. Air release at closed tap max 4 mmHg/minute. Manual setting of deflation possible up to 2/3 mm Hg.  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 |  |  |  |  |
| 77 | **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* | 06 |  |  |  |  |
| 78 | **Weighing Machine**  Digital Scale with extra large LCD display (65mm) 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* | 13 |  |  |  |  |
| **NICU EQUIPMENT** | | | | | | |
| 79 | **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 37° c and 39°c with alaram  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 en* | 02 |  |  |  |  |
| 80 | **Baby Running Trolley with Warmer**  Baby running trolley with warmer  Mobile resuscitation trolley with overhead warmer with integrated baby bassinet along with Cushioned mattresses.  Microprocessor control.  Audible and Visual high and low temperature alarms.  Display of skin Temperature, Air Temperature  Heater output (%),  APGAR Timer,  Resuscitation system  OR EQUIVALENT  Make: UK/USA-America/Europe/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 01 |  |  |  |  |
| 81 | **Baby Suction Machine**  Suction Machine with two polycarbonate collection Jars.  With On/OFF Switch  Piston type, oil free.  Pump flow: upto20L/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* | 08 |  |  |  |  |
| 82 | **Radiant Warmer**  Mobile overhead warmer with trolley & casters.  Microprocessor control.  Audible and Visual high and low temperature alarms.  Display of skin Temperature, Air Temperature,  Heater output (%),  APGAR Timer  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* | 01 |  |  |  |  |
| **EYE DEPARTMENT** | | | | | | |
| 83 | **A Scan Ultrasound**  Large Touch screen operation with high-resolution backlit color LCD.  Complete measurement and calculation record within seconds .  Capture mode automatic and manual.  Ability to store up to five different user profiles.  USB for EMR archiving, SD disk for patient data storage.  A-Scan 10mm Calibration cylinder.  10 Lens Database.  Portable and compact weighing, Built in thermal printer.  Spring loaded Soft touch probes.  A-probe frequency: 10 MHz.  Measurements: ACD, Lens, Vitreous, Axial, Standard  Deviation, Individual Zone Velocity.Examination modes: Direct contact,Immersion,  Dense cataract, Aphakic, Pseudophakic, 4- GateManual.  IOL programs: Regression II, Theoretic T, Binkhorst, Holladay, Hoffer Q, Haigis. Post refractive formulas:Latkany Myopic Regression and Arambersi Double-K. Measurements limits: AXL- 18-45.  Clinical accuracy: ±0.10mm. Electrical accuracy: ±0.023mm  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* | 10 |  |  |  |  |
| 84 | **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* | 01 |  |  |  |  |
| 85 | **AutoRefractometer**  Rotatory Prism technology  Simultaneously display of right/left  CPU for measurements  Builtin thermal printer  Various interfaces with optional computerized lens meter and computerized vision testers  Range:0\* to 180\*  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* | 05 |  |  |  |  |
| 86 | **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* | 03 |  |  |  |  |
| 87 | **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* | 02 |  |  |  |  |
| 88 | **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* | 06 |  |  |  |  |
| 89 | **Refraction Set**  set comprises of stable 300 by 200mm base plate; a light source with condensor and slit-holder to obtain several types of light beams, with a 12V 21W lamp; connection via cable and 4mm safety plugs; should supply with two spare lamps, a scaled disc of diameter 240 mm with double scales in degrees: 90-0-90 degree , a plane mirror with a fixing device on the disc; a Plexiglas half-cylinder with 200 mm diameter; a transparent half-cylinder tank with diameter 200 mm; height 2 cm; scaled in degrees 90-0-90 degree on its cylindrical surface, with positioning on the built-in disc; 2 diaphragms: a single-slit and a triple-slit.  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 |  |  |  |  |
| 90 | **Slit Lamp**  Stereoscopic converging binocular microscope.  3 Step magnifications changing by rotating drum. Long life and power-saving LED illumination. Superior function and compact design. Joy stick device, Easy coarse and fine adjustment for vertical and lateral movement of main body by one hand. Microscope Magnification10X, 16X, 25X. Eye piece 12.5X. Diopter adjustment :-5D ~+3D. Total magnification. Field of view:.10X (∅22.5mm), 15.98X (∅14.1mm), 25.53X (∅8.8mm)Slit Illumination Light source:LED(Light Emitting Diode)Aperture diameter : Continuous from 1 to 14, ∅0.3, 1, 5, 10, 14mm. Slit width Continuous from 0 to 14mm. Slit length Continuous from 1 to 14mm. Slit angle 0° to 180°. Filters Blue, Red-free. Primary input: AC 120/220 50-60Hz.  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 |  |  |  |  |
| **ORTHOPEDIC** | | | | | | |
| 91 | **Cordless battery operated orthopedic Drill with attachment**  Speed: 0—1400 RPM or more  Noise Level: ≤20Db  Power: ≥30W  Sterilization temperature and pressure up to 135°  Complete With:  Cordless Drill (Battery) System  Cordless Drill with end Cap  Three- Jaw Chuck up to dia. 7.0 mm, round and triangular shanks with chuck key  Protection & guidance sleeve for kirschner wires  AO – Chuck  AO - Quick- Action chuck for drill wires up to dia. 2.5 mm  AO - Din Chuck for (Aesculapmeduallary reamer)  AO - Harris Chuck  AO - Hudson Chuck  Desktop charger, dual 240V –  Desktop charger, mono 240V  Reduction gears with AO standard clutch, large, Speed 0-150 rpm  Sternum Saw  Rechargeable battery, with extension  Standard Rechargeable Battery  Funnel for inserting rechargeable battery into Cordless Drill  Hand piece + Foot Switch + Electric Console + Bur Adaptor + Aluminum carrying 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* | 02 |  |  |  |  |
| 92 | **Hand Drill with attachment**  **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* | 01 |  |  |  |  |
| 93 | **Humbies Knife**  **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* | 02 |  |  |  |  |
| 94 | **Interlocking 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* | 04 |  |  |  |  |
| 95 | **Plaster Cutter**  **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* | 02 |  |  |  |  |
| 96 | **Quadriceps drill table**  Anatomical back with cervical and lumbar supports support handles- quadriceps and ischios with adjustable double leg straps,fully adjustable-inclination, leveling pad, head rest, complete with 18kg of disk  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 |  |  |  |  |
| 97 | **Small Fragment 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* | 01 |  |  |  |  |
| 98 | **Srew Box**  **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* | 01 |  |  |  |  |
| 99 | **West Self retaining retractor (st) Blunt (small)**  OR EQUIVALENT  Make: UK/USA/Europe/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 02 |  |  |  |  |
| **EYE DEPARTMENT** | | | | | | |
| 100 | **Audiometer for ENT**  Two channels.  Pure tone threshold audiometry by air conduction.Audiometry by bone conduction.  Pure tone suprathreshold audiometry (SISIGRAM).  Speech audiometry.  Masking  Synchronized masking.  Intermediate frequencies: 125, 750, 1500 Hz.  Internal database for more than 1000 tests.  Intercom / Monitor.USB and parallel connections to external printer. USB computer connection  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 |  |  |  |  |
| 101 | **Autoscope for ENT**  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* | 05 |  |  |  |  |
| 102 | **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* | 06 |  |  |  |  |
| 103 | **ENT chair with examination table**  ENT chair with seat and backrest.  Electric up and down movements through foot switch.  Adjustable back-rest up to 180°.  Chair rotation 360°with rotation lock  Complete with seat and leg-rest.  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* | 02 |  |  |  |  |
| 104 | **Impedance meter**  Two channels.  Pure tone threshold audiometry by air conduction.Audiometry by bone conduction.  Pure tone suprathreshold audiometry (SISIGRAM).  Speech audiometry.  Masking  Synchronized masking.  Intermediate frequencies: 125, 750, 1500 Hz.  Internal database for more than 1000 tests.  Intercom / Monitor.USB and parallel connections to external printer. USB computer connection  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* | 08 |  |  |  |  |
| 105 | **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* | 02 |  |  |  |  |
| **DENTAL DEPARTMENT** | | | | | | |
| 106 | **Dental chair with all accessories**  3 hand-piece positions, Stainless steel instrument tray, Automatic adjustment for seat and backrest, Automatic zero position and three work positions, Multi-articulating headrest, swivel right armrest, Anatomic backrest, One 3-way syringe for doctor  3-Aseptic easy clean, tubing’s and fittings for the hand pieces, Air operated foot switch.  X-Ray Viewer, Switch buttons with joystick drive, Seamless upholstery coat, Calibri system (Continental), Counterbalance flex arm with pneumatic lock, Articulated tray holder, Borden or Midwest connection, X-Ray viewer  Cuspidor: Swivel at 90o, Cuspidor bowl in translucent color, cup filler with push button  Detachable water sticks, 2 saliva ejectors Venture (low & high)  LIGHT: 12V, 55W, 4500oK day light for perfect, Matching of colors, up, down, back, forward and inverse movement of the light head. Light intensity low: 16000 lux  Light intensity high:\_24000 lux, On/Off switch at chairs base, Light head made of polyester  Dentist Stool: Operating stool with adjustable height, Gas spring operated, Revolving on 5 castors, one with back support  OR EQUIVALENT  **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* | 02 |  |  |  |  |
| 107 | **Dental instrument set**  Probe, Mouth mirror and Forceps  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* | 01 |  |  |  |  |
| 108 | **Dental X-Ray**  **Dental X-Ray Machine 8mA complete set with all standard accessories for its installation and commissioning:**  Output rating: 8mA/70 kvp. Time selection: 0.05-0.6 sec, 0.25-3.2 sec. X-ray tube: Stationary anode tube. Focal range: 0.7x0.7mm. Aluminum equivalent: 2.5 mmAL. Supply power allowance:=/- 10% Electric power: 110 or 220  VAC, 50/60 Hz  Length: 1800mm  Make: UK/USA/ EEC/ Japan  *Warranty period shall be of three years starting from date of supply of installation / commissioning* | 02 |  |  |  |  |
| **MISCELLANEOUS** | | | | | | |
| 109 | **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 |  |  |  |  |
| 110 | **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 |  |  |  |  |
| 111 | **Instrument cleaner supersonic**  Ultrasonic Frequency 40,000 Hz  Tank Material Stainless Steel SUS304  Tank Capacity 600 ml  Timer 180S, 360S  , Digital timer  Power 35 W  Unit Size 175 x 110 x 155 mm ( L x W x H )  Tank Size 150 x 85 x 65 mm ( L x W x H )  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 |  |  |  |  |
| 112 | **Instrument trolley 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* | 02 |  |  |  |  |
| 113 | **Instrument Trolley (Fixed )**  Stainless steel trolley with plastic drawer internally divided in 4 sectors. 2 shelves with up stands on four sides. Revolving rubber castors Ø 80 mm (two with brake).  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* | 03 |  |  |  |  |
| 114 | **IT Networking LS/Telemedicine**  Make: UK/USA/EEC/Japan.  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 02 |  |  |  |  |
| 115 | **Laundry plant**  Complete with Medical barrier washer, disinfector, dryer, scale and sorting table.  Make: UK/USA/EEC/Japan.  Warranty period shall be of two years starting from date of full functional commissioning | 04 |  |  |  |  |
| 116 | **Nitrous Oxide Cylinder 240 cft**  With trolley  BOC tested  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 10 |  |  |  |  |
| 117 | **PABX**  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* | 01 |  |  |  |  |
| 118 | **Refrigerator**  Haier/LG/Dawlance/Oreint/Equivalent  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 01 |  |  |  |  |
| 119 | **A/C split 1.5 Tom**  Haier/LG/Dawlance/Oreint/Equivalent  Complete with installation at site  *Warranty period shall be of three years starting from date of supply of equipment to the consignee end* | 05 |  |  |  |  |
| 120 | **Water Distillatory deionizer complete**  Processing capacity: 4 liters or more  Processing time: 7~8 hours or better.  Automatic control thermostat with block system at the end of operation.  Complete with 6 active coal 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* | 01 |  |  |  |  |
| 121 | **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.  **COMPLETE IN ALL RESPECT**  **Specifications / Requirements may be different from Hospital to Hospital, bidders are directed to visit Premises before bidding.**  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 |  |  |  |  |