

VARIOUS MEDICAL EQUIPMENT (TERM LOAN)

Detailed Specifications

QTY	ITEM DESCRIPTION
CARDIOLOGY/DIAGNOSTIC	
1	2D Echo w/ pedia probe Made in U.S./Germany Complete cardiology option, vascular option, triple simulutaneous anatomical M-Mode, XRES, iSCAN 2D L 12-4 Transducer, S4-1 Transducer, 17" inches Articulated Flat Monitor, DiCOM, Complete Cardio-vascular Measurement
1	Digital Electrocardiographs- less than 2.5kgs including the built-in rechargeable battery for superior portability, high resolution thermal head printer produces clear and precise ECG tracings & digital filters eliminate AC interface, baseline drift and muscle tremor (EMG), you can enter patient ID number (up to 12 digits) sex, name, comments (up to 36 letters) for printout by using the operation keypads.
1	Defibrillator/Monitor- AHA/ERC Guidelines 2005 consistent, Highly intuitive for quick effective AED use, broad dosage capability up to 360J when needed, compact & light weight for easy carrying and versitile use
1	Patient Monitor

Standard:, ECG, Comfortcuff NIBP, DOX SpO2, HR, Temperature, Respiration and Nurse Call Interface connection
10.4" F TFT color display

LABORATORY/ HISTOPATHOLOGY	
1	Tissue Processor- programmable immersion time in each station (from 1min to 99 hrs and 59 mins.) basket capacity of 120 cassettes battery back-back up system in case of power failure, reagent vessel tops and charcoal-enhanced ventilation help control processing vapors, microprocessor unit can maintain up to 10 processing program, 1.8L reagent vol for each vessel
1	Microtome- it has a lightly balanced flywheel with a handle designed accu-feed system providing high quality reproducible sections throughtout the length of specimen travel, removable deep debris tray for ease of cleaning, the top of the instrument has removable organizer tray for cassette organization precision response free running flywheel with ergonomic handle, brake may be activated at any position of the flywheel.

- 1 Cryotome- Cryostat w/ Fumigation inside Chamber- precision microtome has light balanced feel over complete travel range, microtome is housed outside cryochamber for easy cleaning &

	<p>maintenance, accu-feed system with 25,000um advance can be set at 1-20um intervals in um increments and 20-60um intervals in 5um incements, 360° specimen orientation capability</p>
1	<p>Cryospin -Cytocentrifuge- for thin layer cell preparation, process 12 specimens at one time contained in cytofunnels, designed lid-release mechanism to allow one handed opening & closing, program key pad w/ easy touch design, safe and reliable, simple and precise, speed 200-2000rpm, time 1-99 minute</p>
1	<p>Dissecting Instrument with case & with Autopsy Saw-dissecting scissors, iris scissors, liston bone shears, rib shears, plain bone shears, liston bone cutting forceps, rib cutting knife, councilmans chisel, tissue thumb forceps, broad point dressing thumb forceps, cartilage thumb forceps halstead's hemostatic mosquito forceps dura strip forceps</p>
1	<p>Plasma Thawing- Audio Visual alarm if temperature deviates from present temperature, Display of set value & process value, Integrated pump for internal circulation maintains precise temperature uniformity throughout the liquid medium, capacity 16 bags, volume 20 liters.</p>
1	<p>Plasma Extractor-sensor infra red, clamping: motor activated, pressure plate acrylic</p>

OPERATING ROOM

1	<p>Anaesthesia machine- comprehensive specification including choice of two vaporizer stations, advanced AV-S ventilator interface, ultra low flow anaesthesia</p>
1	<p>OR Light-Heraeus (OR Lights Dr. Mach Germany Led Light) - Intensity of Illumiantion - 160 000lx Color Rendering Index - 92 Color Temperature - 4 200 Voltage Supply - 24 V DC or AC voltage Alternative - 187- 242 V 47-63 Hz Wattage - 100VA Weight of the light head - 9.5 kg Control Mode - at the light head or via remote control Optional - Emergency power supply up to 4 hours</p>

2	Operating Table CHS790II-overall size W500XL2 000XH660~920mm back section refraction: 0°~ 80° leg section refraction 15°~90° kidney position: 135° trendelenburg position: ±25° lateral tilt position: ±20° head section refraction: 15°~ -90°
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OBSTETRICS/DIAGNOSTIC

2	Fetal Monitor potable battery mains and powered advanced digital signal processing for beat to beat registration, simple on screen identification of accele- rations, 12 hour CTG memory, advanced PC based viewing, reporting, communications, storage & printing
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NEUROLOGY/DIAGNOSTIC

1	<p>EEG Machine Ethernet - U32:32 EEG inputs, M24:21 EEG inputs and 3 Polygraphic inputs, analog digital converter up to 22 beats, CMRR patient input > 110dB@70 Hz. Sensitivity up to 5000 uv/cm, 4 high level, non-isolated inputs for connection of external devices (eg Spo2, CO2 Monitors, etc.) noise <=2uv pk-pk@0.16-70Hz High filters - 15 - 100 Hz, Low filter - 0.0016-5Hz Notch Filter off, 50/60Hz Auxilliary inputs Photic Stimulator- LED Photic, adjustable wheeled stand, photic editor, photic sequences, frequency duration and luminance. Video- synchronous video up to 640x480 resolution including MPEG4 or INDE05 with selective video save features up to 20 mins. Before an event and unlimited minutes thereafter, split screen review, customizable comments with annotations, clickable overview which shows color coded markers per event. Multiple paging possibilities, prune preview. Monitors- 19 inch colored monitor with portable cart HP Lazer Jet operating system windows XP</p>
1	<p>Ethylene Oxide Sterilization System and Attest Autoreader-Voltage AC 220± 10% 50/60 Hz Chamber Finish Anodized Aluminum, Exterior Finish Enamel Anodized Aluminum, Brushed Stainless Steel Door, Chamber Size 15" H x 17" W x 32.5" D Outside Dimension 27.5" H x 30" W x 35" D App 4.8 Cu.Ft. App 135.8 Ltr. Cycle Time 37°C App. 4 Hrs. 45 Mins, 55°C app 2 hrs. 45 Mins Net Weight App 127 kgs/280 lbs</p>

DENTAL

2	<p>Dental Chair - T-Type/CART/Type articulated supporting arm made of steel tube with dental white smooth, epoxy powdered painting. 2x straight and easy clean border 2 hole are provided as standard. High speed handpiece. Low speed air motor, complete with contra angle. Instrument operate by foot stool control, reversible for left/right handed dentist. Tubing fix direct to the unit with air scaler and light cure. Assistant Unit- Flush for spittoon bowl, spittoon adapted to chair with porcelain bowl. Collectors for</p>
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heavy particle, large volume with removable insert.
 1 x air driven venture saliva ejector diameter 6.3mm.
 Pressurized clean water bottle guarantee perfect spray.
 Water supply for instrument and 3F-Syringe.
 Supply Unit- Central section kit for vacuum pump,
 manual water control with filter.
 Chair- fine adjustment of chair movement for foot
 control, with tubular steel structure upholstery set,
 Textured painting in dental white with base in dental grey
 Left/Right fixed and adjustable armrest, standard single
 articulating headrest (basic unit), height adjustment of the
 set by spindle motor drive, maximum stroke 380mm to
 770mm programmable working position, x-ray film
 viewer. Operating light-6000 top 2500 lux range with
 Light Intensity, Equipped with double handle
 Doctors stool-Dental air compressor 1/4 HP.

PEDIATRIC I.C.U.

2	Infant incubator with cabinet stand Air flow velocity across mattress <10cm/sec, Temperature rise time at 22c ambient <35 mins Temperature variability <0.5C, Temperature overshoot <0.5 C Maximum, Operating noise level in hood <47 dBA, servo controlled oxygen, Carbon dioxide level <0.5%, micro air intake filter 99.9 % efficiency, particle size removal 0.3micron, humidity control reser- voir capacity 1000ml, weight range 0-7kg, weight display resolution 1g or 1 oz, protection class Class 1, Type BF, continous operation.
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RADIOLOGY/DIAGNOSTIC

1	Directview Classic Computed Radiography System w/ Mammography Software-WAIV Console Max/ CPU w/ 19" Touch Screen,KB, Mouse & SW includes EVP+LEO BSM, Grid Suppression, DICOM Store SW Bundle, DICOM Modality Worklist for CR Classic Mammography feat. For CR Classic
1	Medical X-Ray Processor Processing Cycle: Adjustable 60-300 second cycle capability, Throughput : 245 films/hr (35x43cm) @ 60 second cycle, 232 films/hr (35x43cm) @ 90 second cycle
1	Complete Pacs with Report Module w/ MPR full turn-key PACS system installation, project management and appliactions training, unlimited main system licence, including 3 years online archive, 1x ONSITE Dell main system server with 19" LCD display, 1x Radiologist WORKSTATION Station and REDUNDANT SERVER with 1x30" 4 MP Dell Monitor and 1 x 19" Dell display for the study browser. 1x Radiologist ENTERPRISE viewer license (concurrent users), 1x Report Management and distribution software, 3x Viewing stations for OR, ER, and OPD with 30" 4MP Dell Monitor and 19" Dell LCD

1 Ultrasound Machine
Made and manufacture in US including parts. General clinica options, vascular clinical options, OB-Gyne clinical options, small parts clinical options, Grey Scale Freehand 3D, L-12-4 Transducer, C-9-4 V Transducer C-5-2 Transducer, iScan 2D. Xres, DiCOM.

1 Mobile X-Ray System Machine
Power Supply (Built-in battery, battery charger)
Max rated output 15kW, Tube Voltage 40-130 kV
Tube current 90-200mA, mAs 0.5-200mAs at 40-130 kV, Exposure frequency One exposure/min or less, Xray tube focal spot size 0.6x0.6mm, Target angle 17, Illumination intensity 160lx or more, Timer about 30 sec. Support stand height 1780 mm, cassette storage capacity 12 cassettes.