

SUB: TCIL INTENDS TO PARTICIPATE IN THE TENDER FLOATED BY DALAL JAMM HOSPITAL PROJECT AT DAKAR, SENEGAL FOR SUPPLY OF HOSPITAL FURNITURE AND EQUIPMENTS.

TCIL INVITES TECHNO-COMMERCIAL OFFERS FROM REPUTED OEMs AND THEIR DISTRIBUTORS FOR SUPPLY OF HOSPITAL FURNITURE AND EQUIPMENTS ON CIF BASIS AT SENEGAL.

ELIGIBILITY CRITERIA:

1. The bidder should be an OEM or an authorized distributor/supplier of hospital furniture and equipment.
2. The bidder should have earned profit in any of the last three financial year ending on 31/03/2011 and should have positive net worth as on 31/03/2011.
3. Audited Balance sheet & profit and loss account of the bidder/ company for the last three years ending on 31/03/2011 need to be submitted in support of above requirement.
4. The agency should be registered with the Service Tax department and carry a valid PAN number.
5. The bidder must have valid ISO 9001:2000 Certification

SCOPE OF WORK:

Supply, Warranty, Maintenance and AMC of hospital furniture and equipment for Dalal, Jamm Hospital Project at Dakar, Senegal.

BILL OF MATERIAL:

Kindly see Annexure 'A'.

Further details may be had from TCIL. In case you are interested to work with TCIL on exclusive basis and on back to back terms & conditions including the payment terms, then kindly submit your Techno-Commercial proposal with all compliances to Technical specifications along with the description of your experience in similar assignments, latest by **24.10.2011 by 12:00** hrs at the following address:

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ANNEXURE 'A'

LOT 1: CONSULTATION SERVICES GENERAL AND SPECIALIZED

Descriptive	Quantities
<p>Item 1-1 - Office chair with Doctors</p> <p>Medical office and nursing staff consists of a metal frame structure bearer of the order of 30x30 mm, rounded corner, shelf thickness of about 25 mm, modesty panel 50 H, 5 cm. Dimensions of the office of around 180 x 80 x H 74cm. Assorted colors to offer. Box left of 2 with 3 drawers, cabinet right 2-3 drawer closed with locks. Matched with: Doctor chair-like frame / direction, legs 5-spoke star design on wheels, back up to about 44 cm, seat of the order of: L 49 x D 44 cm, adjustable in height from approximately 44 to 54 cm by gas; system tilt-adjustable intensity. Monocoque imitation beech (multiple or identical plastic). Armrests covered with rubber or black color attached to the office. These desks and chairs will focus on robustness, simplicity of lines and have a modern design integrating perfectly into a modern hospital last generation.</p>	36
<p>Item 1 to 2 - Chairs patients</p> <p>Assorted Chairs patients offices described above, with comfortable seating payable to: L 54 x D 56 cm, H 46 cm, back height 35 cm (dimensions approximate). Against backrest and seat. Base in black steel tube or matching color in the office, non-slip pads</p>	70
<p>Item 1 to 3 - Examination couch simple, manuals, folders lift:</p> <p>Examination couch two parts, built entirely welded, seamless, stainless steel. Headrest continuously adjustable up to 30 °. Feet and casters with locking drivers individual. Polyether foam upholstery. Leather-coated hypoallergenic thickness of about 85 mm.</p>	42

<p>This device represents an alternative to mercury sphygmomanometers. Dial swivel 65 degrees right and left - Saddle accuracy provided by membrane beryllium-copper high strength - with velcro cuff and pear on tube expandable to 3 meters. Spacious basket-cuff This monitor will be wall mounted. Note: See variant compulsory at the end of this lot.</p> <p>Item 1-8-B: Special Blood Pressure Pediatrics, stored in chrome metal housing -</p> <p>3 armbands with small interchangeable instantly gland - 35x10 cm cuff child - baby Brassard 23x7 cm - 15x5 cm Brassard infant.</p>	15
<p>Item 1 to 9 - Garbage Can on Wheels Bin flip to treatment rooms and examination. Features: pan coated sheet steel or galvanized, removable top with hinged lid. Capacity of about 30 l. Mounted on four wheels allowing it to move for cleaning. The bidder will propose a range of colors in harmony with the office and furniture offered. Note: See variant compulsory at the end of this lot.</p>	35
<p>Item 1 to 10 - 3 panel Screen 3 panel screen coated with wheels. Built round tubes - Epoxy Polyester - PVC 3 white panels easily washable - Built on six wheels of a 50mm diameter - Dimensions of the order: width 167 cm, height wheels including 161 cm - Peas in the order of 12 kg. Offer a choice of ten colors of frames available to match with medical practices.</p>	25
<p>Item 1-11 - X-ray viewer mounted a beach Execution: drawer sheet - PVC or epoxy finish - with perspex screen - Lighting by fluorescent tube - ignition switch housing. Illuminated field: 35 x 43 cm. Accessories: two fluorescent tubes provided.</p>	10
<p>Item 1-12 - 2 X-ray viewer Wall beaches Same performance as the item 1-11, but illuminated field 70 x 43 cm.</p>	15
<p>Item 1-13 - 2 door glass cabinet Display cabinet with two sliding glass windows or smoky gray glass neutral 3 removable glass shelves. Bottom two metal doors, lockable. Two removable shelves, metal</p>	43

<p>electro-galvanized or stainless steel, epoxy-coated polyester. Steel frame, electro-galvanized sheet or coating, epoxy polyester. Polished stainless steel base or color cabinet. Offer a choice of colors, including white, to match the color of office and other equipment.</p>	
<p>Item 1-14 - Stool height adjustable stainless Backless Stool with adjustable height from 43 to 57 cm. Foot adjustment or by hand - 5 feet on base with wheels star-resistant. Assisi about 37 cm in diameter - Leather Seat Cover - Color to match the other equipment in the office consultations.</p>	35
<p>Item 1-15 - reflex hammer Babinski reflex hammer in stainless steel.</p>	30
<p>Item 1-16 - Stethoscopes</p> <p>Item 1-16-A: stethoscope adult / child with each of the flats with a tunable diaphragm to listen to the sounds of high and low frequency, including a pavilion for Ø 47 mm for adults and Ø 34 mm children or patients menus - internal conduit tubing with double built-in - Lyre oriented - Eartips waterproof and comfortable. Color to offer. 20</p> <p>Item 1-16-B: high performance stethoscope, cardiology and Special Respirology, anesthetists - Pavilion piece Ø 52 mm steel Polished patented tunable diaphragm - tubing 56 cm dual-duct internal - non-chill ring - Lyre oriented - specific adapter for: children difficult sites, etc.. - To be delivered with 2 pairs of ear - Color in provide different series A. 15</p> <p>Item 1-16-C: Stethoscopes also allows auscultation of infants including: adults, children and infants - Quick Connect System allowing instant changes - Lyre matt chromed metal double reinforced spring built - To be delivered with spare membranes for each flags - flags adult flat piece Ø 48 mm, 36 mm cone - Child room flat Ø 36 mm, Ø 28 mm cone - Infant flat piece Ø 28 mm, Ø 24 mm cone - To offer different colors of A and B. 10</p> <p>Item 1-16-D: Stethoscopes for local examinations, and obstetric labor room Features: PINARD type, performance of aluminum. Different color of A, B and C. 15</p> <p>Item 1-16-E: Ultrasound Stethoscopes. 5</p>	

<p>Item 1-16-F: Stethoscopes for nurses and carers - an adult, of good quality with high accuracy at low listening as high frequencies - Pavilion zinc alloy Ø 47 mm - 55 cm PVC tube - non-chill rims - Lyre Nickel plated - screw-soft ear tips - different colors of A, B, C and D.</p>	100
<p>Item 1-17 - Bathroom scales without electronic height gauge Electronic Scale up to 200 kg - With extra large platform of about 32x40 cm - glass top with all the graduation 100g - Powered by three lithium batteries V. Large LCD display.</p>	20
<p>Item 1-18 - Bathroom scales with measuring rod attached Person weighs the same as the item 1-18 - With adult fathom wall to fix the wall near the bathroom scales - duralumin with cursor on slide - Having a large ease of handling - Reading up to 2 m. Note: See variant compulsory at the end of this lot</p>	15
<p>Item 1-19 - Baby Scale Electronic measuring rod attached Baby scale electronic shell shape - large LCD display - Graduation from 10 gr to 10 kg, 20 grams beyond - capacity 15 kg. Comes with six feet wooden baby - Measure 0-100 cm every 5 mm.</p>	8
<p>Item 1-20 - Cusco speculum for gynecological Gynecological speculum Cusco - High Quality Stainless Steel - Set of 4 sizes: 16 mm - 26 mm - 32 mm - 36 mm.</p>	10
<p>Item 1-21 - Fetal Pulse Detector Display of heart rate (60-240) - High sound quality (max 125 mW) - Volume control - Ability to adapt headphones - Perfect Sound Insulation parasites - weight of about 200 g - Powered by 2 x LR6 (autonomy 5 h). Note: See variant compulsory at the end of this lot.</p>	6
<p>Item 1-22 - Video Colposcope, common for four offices gynecological Communication on the big screen color image division in four plans - Image Digital - digital image sensor in the range of 410.000 pixels - Focus Immediate at all distances - Image Sensor and Camera - Optical Fiber Built to a change in magnification of 10 to 30 times without changing focal length - camera cable with a length of about 2 m - Memory Screen: 4 pages and 4 quarts - Halogen lamp 12 V/100 W - Comes with a printer color to freeze the images one at a time or 4 quarts. An ultrasonic device for gynecological consultations will be required in the Medical Imaging lot.</p>	1

<p>Item 1-23: Equipment for consultations and dental care Installation of the latest generation dental including: dental chair power, adapted to the anatomy of the patient application ergonomic, with security systems. Stand dental three functions: Syringe - micromotor e - Turbine with light - Compressor and dryer - Installation RX Arm included on stand with flat screen monitor for medical procedure - Printer paper of the ongoing review - Device amalgam - Registered Practitioner - Furniture Dentistry on Wheels - Dental Sterilizer to lay on bench or on furniture Wall - Set of dental instruments such as forceps, dental probes, etc..</p>	6
<p>Item 1-24 - Equipment for dental restoration ceramic computer-aided Mobile device that allows three dental offices above to make the chair, all-ceramic restorations - inlays, onlays, veneers and Total and partial crowns in the office - combined with a technique bonding method to the possibility of an aesthetic restoration durable, biocompatible and non-metal ceramic with a very high quality - Treatment in one sitting, without temporary. Duration of ceramics as long as gold. Note: See variant compulsory at the end of this lot.</p>	1
<p>Item 1 to 25 - Dermatoscope for consulting firm dermatology Lighting by 6 LED lights, close to daylight - allowing to Obviously pigment abnormalities and other symptoms of malignant melanoma by a magnification of 10 X - With achromatic lens system - Ability to coupling with a digital photo camera.</p>	1
<p>Item 1-26 - Small electrocautery for dermatology Small electrocautery for the cabinet of dermatological consultations - Allowing the mono and bipolar coagulation - Hair removal monopolar - Cutting monopolar - To provide with a cord of use - a pneumatic pedal - A indifferent plate for hair removal - a set of needles and hair removal kit. Maximum power of about HF 90W/300 - waxing Power: 18W/100 - Frequency 286 kHz - Dimensions L 265 x L260 x H 100 mm about - weight of 3 to 4 kg.</p>	1
<p>Item 1-27 - Specific equipment for Ophthalmology The cabinet will consist of consultations ophthalmic equipment hereinafter : Unit three instruments of consultation with electric lift and rotate manual included - electric chair automatic stops, 90 ° rotation, long stroke height Equipment to bring: Bio Microscope / Slit Lamp - Ophthalmometer - Automatic Refractometer equipped with projector tests - Set Review Eye - Exophaltomètre Hertel - Focimeters - Cross Madox</p>	1

<p>with accessories - Album test Ishira, adult - Album test Ishira, child - Test Hamla - Box of trial lenses, great composition - Eyewear test adult - Trial frame, child - Scale Reading Worth, Wall - Hard occlusion, red glass - Hard occlusion Maddox - Electric Ophthalmoscope - Retinoscope - Tonometer of Schiottz-Winter - Near vision test - test distance vision - Ophthalmometer of Javal - Retinoscope - Rule of retinoscopy - Cismoscope Clark with slit lamp equipped with a tonometer - Echo A mode biometrics - Biometric Echo mode B - PEC, ERG, EOG (system visual electrophysiology).</p>	
<p>Item 1-28 - Office of audiometry and equipment for exams ENT ENT furniture, laminated wood white, mobile on wheels with worktop, drawers compartmentalized for instruments and storage, waste bin and tray contaminated instruments. Power 0-12 V and headlamp clips. Taking for the current diaphanoscopy. Sockets 230 V - 400 W-controlled switch. Patient chair adjustable in height by hydraulic elevation adjustment synchronized back and legs. ENT doctor chair with adjustable height. Facilities: thermocautery - 2 2-liter jars connected to the suction Central - Automatic emptying of the jar suction - air jack connected the hospital - syringe connected to hot water distribution - Hot Mirror Electrical - Heaters optical - cold light source - for Arm Monitor - Plateau heating instruments - Electric Diathermy - Audiometer. Wall unit with otoscopes adults and children - is lower language - device lock, range 2.5 m maximum. ENT Microscope - Headlamp style Storz.</p>	1
<p>Item 1-29 - Equipment cabinet neurological consultations In office or local storage devices to be used in consultations Neurology provide: A complete system for electroencephalography (ECG) - For electromyography and evoked potentials - This equipment can be spread on a single machine - Archiving centralized and common to all EEG, EMG, EP - Device with flat display screens, console mobile - all compatible digital archiving standard Windows.</p>	1
<p>Item 1-30 - Changing table for room maternity care Pediatric Table with Shelf Exam, pampering and diapering babies. Three fixed side cushion - epoxy steel frame - medium density foam - With one drawer and a bottom shelf.</p>	2
<p>Item 1-31 - mobile trolley for distribution Trolley for distributions drugs, antibiotics, small bandages, etc.. Schedules for local hospital care and intensive care.</p>	24

<p>Composed of: four drawers in the range 150 mm high - on 4 wheels with anti-static</p> <p>Blocking - A handful of handling the truck above the top plate -</p> <p>Raised edges of the upper plate to prevent the fall of bottles and drugs.</p>	
<p>ALTERNATIVE OPTIONS AND MANDATORY</p> <p>To be costed separately and not aggregated in the offer</p>	
<p>Alternative Item 1-3: Examination couch simple, same as above but size</p> <p>L: 1950 W: 800 xh 690 mm for large patients.</p> <p>And paper rolls to table 800 mm wide.</p>	1
<p>Item Option 1-8-A: Blood pressure same as above but mounted on mobile stand with 5 star wheels.</p>	1
<p>Alternative Item 1-9: Garbage on wheels, same as above but in stainless steel.</p>	35
<p>Alternative Item 1-18: Scale with height gauge, same as above but with stand of about 50 x 40 cm column and integrated into the base of about 80 cm weight indicator figures for scanning, connecting AC power.</p>	15
<p>Alternative Item 1-24: Equipment for dental restoration, same as above but dental office with all its equipment.</p>	1

LOT 2: EXPLORATIONS AND FUNCTIONAL ENDOSCOPY

Descriptive	Quantities
<p>Item 2-1 - Material investigation for gastrointestinal endoscopy Equipment for endoscopy investigation - complete with Endoscope mobile cart comprising: Gastrointestinal fiberscope - pediatric gastroscope - Colono-fiberscope - Source Cold light - Camera control video - Camera Head - Video adapter - In short: Video and video colonoscopes gastroscopes, provide two of each - included mobile carts - need 2 of each:</p>	4
<p>Item 2-2 - Laundry and sterilization of endoscopes Washing equipment including: Machine wash and sterilize endoscopes - Storage Cabinet of Endoscopes - Endoscope washing products: packaging containers: Indicate the amount of product to be provided for endoscopes of Lot 2, needed for one year - a small tray for ultrasound equipment before autoclaving.</p>	1
<p>Item 2 - 3 - Equipment for endoscopic urological investigation Material investigation for urological endoscope. Endoscope complete with trolley MOBILE: Cystoscope men and women - cold light source - Camera control Video - Camera Head - Video adapter - mobile trolley with monitor monitor.</p>	1
<p>Item 2 - 4 - Ligateurs Ligateurs esophageal varices reusable</p>	4
<p>Item 2-5 - Scalpel for polyps Small electrocautery for colon polyps.</p>	1
<p>Item 2 - 6 - Dilators Savary dilator flexible and Gilliard dilation for strictures esophagus.</p>	1
<p>Item 2-7 - Hysteroscope Hysteroscope for diagnostic and therapeutic. Endoscopy allows the realization of a hysteroscopy is to say exploration of the inner wall of the body and cervix of the uterus (endometrium) and the origin of the tubes. The hysteroscope is composed of a flexible or rigid tube (to specified by the supplier) of up to six (6) mm in diameter, with a fiber optics and light sources. To be provided with a camera and a gripper for</p>	1

collection.	
<p>Item 2-8 - Equipment Schedule For proctology / proctoscopy, and provide Anuscope sigmoidoscope metal L 15 cm - Ligateur hemorrhoids reusable - for tumor biopsy forceps - each.</p>	2
<p>Item 2-9 - pH meter For Ph-metry of the esophagus, providing pH meter with PC software.</p>	2
<p>Item 2-10 - Equipment Investigation for respiratory endoscopy (Bronchoscope) Complete with trolley endoscope comprising: Bronco-fiberscope adult - Bronco-pediatric fiberscope - cold light source - Leak test (leakage) - Camera control video - Camera head - Video adapter - mobile trolley for monitor with monitor.</p>	1
<p>Item 2-11 - Material investigation for cardiac testing including Bicycle exercise test with measurement devices for cardiac rhythm - Pedal ergometer calibration performed with the touch of a button with Automatic functional control - starting performance and the levels stress and duration of the phases can be individually programmed and changed at any time during the test - The unit can be plugged directly ECG on all currents. Microprocessor control - Recording heart rate or ECG Sensor in the earlobe - Power 25-400 Watts independent of the Speed - Digital display unit performance, speed rotation, heart rate and elapsed time - Digital display rotation, heart rate and elapsed time - Digital display speed for the patient - Saddle and handlebar height adjustment. Included Accessories Universal 12-lead electrocardiograph, put on shelf, mobile emergencies and the hospital - integrated graphic display for viewing 3 of ECG waveforms - Printing and measures included 12-lead interpretation A4 paper - Cable patient with precordial leads in bulk or fixable individually - Quick and precise electrode - Pump Integrated improve the vacuum electrodes on the skin.</p>	1
<p>Item 2-12 - equipment for investigations examinations pneumological including Spirometer trolley, incorporation FVC, pre-and post bronco, VC, MVV, test bronco construction - for bicycle exercise test breathing. Data base with memory statistics listing - for Computer spirometer with printer.</p>	1

LOT NO 4: Maternity and Neonatal

Descriptive	Quantities
<p>MATERNITY Motherhood will consist of five birthing box, 6 boxes of labor / delivery as well as an operating room for causes of dystocia requiring Caesarean sections in the lot 3. It seems more practical to tripods in the same box delivery and work (and similar equipment not likely to hold).</p>	
<p>Item 4 -1 - Beds and delivery of work The delivery will be designed so that the woman ale freedom movements as large as possible during the various phases of labor. The mother can adjust her own bed. The mattress should be broad and comfortably padded to allow for active assistance of the partner. Foot section of the bed should be necessary, used by the midwife as the seat. Coating the bed smooth and easily cleaned / disinfected. The main part will be with seat and back, the foot section, with mobile rollers Swing and central locking. The mattress is in 2 parts for the main part and feet made of a material highly elastic with a coating impervious to moisture and finish prevent slippage of the woman. The bed should include: - Supports two legs Göpel stainless steel, foam padding - 2 stainless steel handles with foam integrated - A stem infusion with 4 stainless steel hooks - Two remote manual with spiral cable. Technical data requested below are the order of"." Tolerance will accepted according to data from various manufacturers: - Height adjustment of the main part of about 646 to 925 mm - Height adjustment of the foot section in conjunction with the main part about of 458-926 cm - dimensions of the delivery bed about (L x W) mm 2340 x 1020 - Dimensions 1950 x 950 mm layer - thickness mattresses minimum 78 mm - Angles of inclination: 0 to 14 main °, the file 0 to 80 °, seat 0 to 28 ° - e nominal load of the main part 220 kg minimum. - The bed will operate under a voltage of 230 V AC - Protection class I / B. Provide a battery backup. If on receipt of the specifications before the submission of its bid, a manufacturer or dealer has knowledge of a new product which he believes can best</p>	<p>11</p>

<p>performance for the comfort of the woman and facilitates the actions of the medical profession, it will be able to offer this new delivery bed in a variant of above specifications.</p>	
<p>Item 4 - 2 - Stand with work Furniture melamine surfacing for quality health baby changing with washbasin the block for childbirth and recovery room baby - Includes faucet mixed chrome without shower for sink / bath with elbow control - with drawers under the work plan which may include a tablet weight baby - With pad exchange model to cover large flat sewn, color choices to provide the supplier. (Memo: 4 -1 in delivery room resuscitation). Dimensions of the order of: L 150 cm, D 85 cm, 90 cm H</p>	<p>8</p>
<p>Item 4-3 - Balance Baby Electronic baby scale, but switched to battery power sector - Ability of about 15 kg with a graduation of 10 g <10 kg> 20 g - Dimensions (L, H, P) payable to: 640 x 105 x 300 mm - Weight of about 3.5 kg - Reading by large LCD Figures - Integrated carry handle - Class IV calibration. Will be stored in the cabinet drawer in Item 4-2. With the baby measuring rod measuring for use in delivery rooms.</p>	<p>8</p>
<p>Vacuum pump system vacuum-extractor - System piston / cylinder obtaining rapid vacuum - the Rate of 35 L / min - The unit must be silent on a cart with mounting rail and four-wheel steering in which static minimum 2 with brakes. To reduce the risk of use provide a vacuum (empty) Automatic Pre adjustable parameters - Display high-definition display with integrated vacuum desired and current - Electronic control pedal to guide the development and lower vacuum - The pump should be guided by a microprocessor and ensure maximum suction while remaining very quiet - for the security vacuum will be controlled by sensors with bacterial filter with hydrophobic with a display indicating the need to replace it - Recognition electronic filling to combine maximum safety with the simplicity of use.</p>	<p>8</p>
<p>Item 4 - 5 - Heat lamp for newborn Radiant heat lamp for the newborn with warm-up procedure automatic. With: - Manual control of the intensity - Automatic control of the intensity according to the desired temperature and measured from the child. Provide a temperature sensor included. The device will give an audible and visual alarm if the temperature difference between requested and the measured temperature.</p>	<p>4</p>

<p>The heat lamp will contain a double quartz radiant element, providing a time optimal reaction and heating.</p> <p>The heat lamp is equipped with a room temperature sensor to adapt automatically the heating power to the immediate environment.</p> <p>A lamp examination should be integrated with the heat lamp and a clock APGAR.</p> <p>Line with European standards with a security check-led microprocessor.</p> <p>Specify the type of stand in the heat lamp:</p> <ul style="list-style-type: none"> - With mobile tripod mount - With Wall Mount - With articulated arm that can position the heating ceiling above the table delivery. 	
<p>Item 4 to 6 a -stool on wheels</p> <p>With 18/10 stainless steel foot, 5-arm - With plastic glides</p> <p>Anti-static - with padded seat strap - Adjustable height rod also threaded stainless steel with stop limit - Diameter of seat of the Order 350 mm - Height adjustable by + / - 485 to 655 mm.</p> <p>Size of the wheels of about 50 mm.</p>	12
<p>Item 4 to 6 b -stool without castors</p> <p>Stool identical with the description above, but without wheels, color matching table delivery.</p> <p>The number of stools may be modified during the order, if the hospital deems necessary.</p>	12
<p>Item 4-7 - bucket on wheels</p> <p>18/10 stainless steel bucket of 12 liters - a removable stainless steel chassis also</p> <p>Double castors plastic, diameter of 50 mm - Antistatic - Anti Rust</p> <ul style="list-style-type: none"> - With protective ring coated with plastic. 	12
<p>Item 4-8 - Phototherapy</p> <p>1) Double Phototherapy System:</p> <p>Adjusting the height and width direction at 180 °C - Easy handling - Base down to the positioning of incubator or cradle - Height adjustable from 100 to 1500 mm - Width adjustable from 150 to 460 mm - Equipped with special tubes hyperbilirubinemia</p> <p>2) System bed therapy:</p>	3
<p>Item 4-9 - Door serum</p> <p>Foot infusions of 18/10 stainless steel frame - 5-arm pedestal on casters</p> <p>Anti-static with a diameter of about 50 mm - upper part with 4 hooks - Manual height adjustment of about 1300 to 2140 mm.</p>	12
<p>Item 4-10 - Ceiling Scialytique</p> <p>Ceiling lighting a light intensity of about 60 000 LUX - With 1 halogen bulb 24 volts-75 watts - The head of the lamp will have a diameter</p>	8

<p>maximum of 40 cm - 14 cm illuminated area - Surface covered with light the order of 760 cm² - Colour temperature 4100 Kelvin - Focus adjustable handle sterilized - Need to install a box to control the operating light.</p>	
<p>Item 4-11 - mobile operating light Mobile Lighting a light intensity of about 35 000 LUX - With a lightbulb halogen 24 volts - 50 watts - head lamp from 22 to 25 cm in diameter - Field Light adjustable from 14 to 25 cm - Height adjustable from about 55 to 174 cm - with arm of approximately 89 cm - Diameter of the dome 30 cm - Temperature 4200 Kelvin color</p>	<p>3</p>
<p>Item 4-12 - Pump Suction mucus Pump suction machine with 2 x 5 liter bottles - Vacumètre 0-1 bar - Safety overflow auto - Airflow 60l/mn - Mounted on stand with wheels antistatic.</p>	<p>3</p>
<p>Item 4-13 - Desk, instrumentation Work table height adjustment by hydraulic pump - Commissioned by pedal race of about 800 to 1200 mm - 18/10 stainless steel tray the size of the order 700 x 500 mm rim, removable swivel - Will be fixed in each position - With rounded edges / corners - 18/10 stainless steel frame - double castors plastic with a diameter of about 75 mm - Antistatic and steel - Able a load of at least 50 kg - Manufactured according to standard CE/92/45/CEE.</p>	<p>12</p>
<p>Item 4 to 14 - Volumetric Infusion Pump To help with triggers.</p> <p style="text-align: center;">INFUSION</p> <p>Flow Range: 1-1200 ml / h in normal mode (increments of 1 ml / h) - 0.1 to 99.9 ml / h micro mode (increments of 1 ml / h) - The flow may be limited by the name of drug (minimum and maximum limits) through the security system of the administration of the infusion. Accuracy rate: + / - 5% or better in most clinical situations. Infusion volume: 1-999 ml in normal mode and 0.1 to 999.9 ml in micro mode. Infusion Modes: 5 modes available infusion: ml / h only (if detector provided drip is used) - Volume / time with automatic calculation Flow - Flow Volume + time + - + Volume Flow - Flow + time - Possible delayed start. Infusion time: From 0h to 0.1 '00 until 168 h when the alarm recommended length is exceeded.</p> <p style="text-align: center;">PRESSURE MANAGEMENT</p>	<p>11</p>

Pressure mode: 2 modes: variable (from 50 to 750 mmHg, in increments of 25 - 50 mmHg) or 3 pre-set levels.
 Pressure monitoring: real-time graphical representation of the actual pressure in the tubing and pressure limit.
 Anti System - Bolus: Automatic Bolus Reduction in exercise of occlusion (0.2 ml Max).
 11

ALARM - ALARM PRE – SECURITY

State Perfusion: Green perfusion in progress - Orange pré-alarme/avertissement - Red Alarm - Beeper Signal by - visual and text message.
 Pre Alarm: Pre-occlusion alarm - Alarm occlusion - Out of the tubing - Air in the pipe - speed limit and max - Vacuum Infusion - End of break.
TECHNICAL SPECIFICATIONS
 Pumping mechanism: linear peristaltic System Generation 2 with automatic adjustment.
 Display: Monochrome LCD Blue 66 mm x 33 cm.
 Clamp: Clamp for versatile hanging rail or mast.
 Battery Life: Li-ion battery for up to 8 h to 125 ml / h - and remaining charge level Load available on the screen.
 Power supply: 100-240 VAC / 50-60 Hz with standard cable / 10 VDC DC cable specific.

Item 4-15 - Pain Pumps

3

For service of motherhood, as in all services where the patient can control their analgesia, under doctor's verification may be a pain pump useful. We call a pump with 5 modes of patient-controlled analgesia:

- Pump with Bolus simple.
- Bolus + continuous flow.
- Bolus + continuous limited.
- Bolus + continuous sliding.
- Bolus + continuous servo.

Performance:

5-mode PCA / PCEA function or loading dose titration - Programming: 5 Recordable protocols - History: Storing the last 5 patients, viewing or printing and PC transfer - Concentration: 0.1 mg / ml to 99.9 mg / ml, in increments of 0.5 mg, 1 mg and 1 mg - bolus dose: OFF 1µg to 99.9 mg, increments of 0.5 mg, 1 mg and 0.1 mg - bolus duration: 30 s Flash, or 1 to 15 minutes, 1 minute increments - maximum dose: From 9999 to 10µg mg, 1 mg and

<p>increments of 10µg, Programmable from 1 to 12 pm - Management of Pressure: Adjustable up to 900 or 1100 mmHg depending on the driver used - Controls: Dose maximum damage / obstruction / End Infusion - Syringe selectable 50/60 12 brands and 20 cc cc - Flow Purge: 1500 ml per hour maximum depending on the driver used. Compliance: Complies with European Directives 94/42 EEC: 89/336/EEC and CE0459 - Electromagnetic compatibility: EN 60601.1 and EN 60601-2-24, sealing: IP34 (CE1529).</p> <p>Specifications:</p> <p>Power supply: 5.4 V to 7.2 V DC, 0.1 A / W 0.72 max - Power to the Master PCA provided by the driver pushes C, Pilot Anaesthesia 1 or 2. Their internal battery is allow about 4 hours of independent use. Battery: 60 mAh, Ni Cd, Backup historical patient 2 months minimum. Dimensions-Weight: H 135 mm - 370 mm L - P 240 mm / 1.9 kg. The supplier should describe the disposables and accessories as it deems necessary andthe offer.</p> <p style="text-align: center;">NEONATOLOGY</p> <p>This service will be equipped with 5 boxes of 2 each or 10 incubators incubators, a Box 2 isolated and radiant warmers intensive care.</p>	
<p>Item 4 - 16 - Incubator incubator for premature babies up to A cockpit with dimensions of about: LxWxH = 890 x 455 x 435 mm - Having a front panel: 2 large side-opening doors with two windows - Rear: 2 portholes - three passes ergonomic and silent closing pipes - Plan Sleeping payable to: L x = 610 x 390 mm - Reverse Trendelenburg / manual Trendelenburg + / - 10 ° - Regulation: Safety controller microprocessor - control air - Audible and visual alarms - Skin Probe - Self continuous measurement system - Arrival of O2 - Adjustable humidity from 45% to 80% - Noise level below 45 dBA - Rail steel lateral side head - swivel casters with brakes 125 mm - Left Chest - Shelf - Swivel plate device is - anti-decubitus mattress - Rail Steel - Rod is serum.</p>	10
<p>Item 4 - 17 - Newborn Intensive Care Incubator by radiant The resuscitation table should include the following: A comfortable mattress of + / - 66 x 53 cm. Apgar built a stopwatch. A radiating element rotatable quartz with 3 modes of control:</p>	2

- A procedure for automatic pre-heating of the ignition apparatus an ideal home temperature and waiting indefinitely.
- A manual adjustment of the heating power (from 0 to 100% in 10%).
- An automatic mode depending on the skin temperature of the Child (34 to 38 ° C) with safety to exceed 37 ° C and an accuracy of 0.2 ° C. sion
- Audible and visual alarms if the temperature difference between adjusted and measured.
- An integrated lamp examination (> 0.11 Lumen/cm²).
- A large storage drawer below the layer, accessible from two sides.

The table will be equipped for resuscitation of the following:

An air-oxygen mixer integrated, continuously adjustable from 21 to 100%.

A module of BLS with adjustable FiO₂, flow, and PEEP maximum inspiratory pressure, including:

- An integrated flow oxygen.
- A gauge of airway pressure.
- A gauge pressure gas supply (air and oxygen).
- An aspiration of air (Venturi system) for secure Pediatrics.
- 2 wall connections (air and oxygen).
- 2 bottle connections (air and oxygen).

A module with advanced life support automated adjustment of the frequency, in addition to settings of the module of basic resuscitation.

An electric height adjustment available on the 2 sides (height of the mattress 95 to 114 cm).

Mechanism "Vari Tilt" or equivalent to the inclination (and anti-Trend Trend) of the table: Tilting the table continuously from - 10 ° to + 10 °.

An adjustable shelf.

A door-perfusion

A drawer cassette radio (or digital if the wishes of the hospital) in the level of layer.

Trays for instruments left and / or right of the table.

LOT 6: LABORATORY

Descriptive	Quantities
<p>NOTE : Figures in parentheses () in the quantity column give the number of pieces of the subset of the item, which must be single digit as a whole.</p>	
<p>Item 6-1 - Samples of blood donations located in local donor Local blood donor samples including: 4 chairs blood sample into 3 parts mobile - Support arm and left appuibras right - metal frame and leatherette upholstery covered - Power of movements. Automatic blood sampling: Traceability in data entry code barre laser High Definition - Memory to store more than 400 samples - 64 possible scenarios depending on the sampling protocol (timestamp, sampled volume, No. Pocket) - Storage and processing computer system can secure through software. Configurable functions: Initial programming of the volume to be collected - to the values of sampling Previous providing a standard sample - Automatic calibration pockets - Continuous agitation of the blood bag during its filling - Volume Display blood in real time - Audible alarm incident flow and in the end collection. (Min: 20 ml / min, max 180 ml / min) - Automatic sampling by the clamping of the tubing - Programming Volume: Sampled by weight of the donor - Main power supply and battery - Tray suitable for all blood bags - 4 Pedestal 2 stainless steel plates - Safe swivel casters with locking stop - 4 Glass cabinets with smoked glass doors 2 bottom drawers equipped with locks - 2 halogen spot lights for clinical, mounted up and spoke. 4</p>	<p>4</p>
<p>Item 6-2 - Blood Collection hospital located in local nursing Box hospitalized for blood samples, including: Armchair blood sampling in three moving parts - the left armrest and armrest right - metal frame and leatherette upholstery covered - Power of movements. Automate a blood collection: Traceability in data entry by bar code High Definition Laser - Memory to store more than 400 samples - 64 possible scenarios depending on the sampling protocol (timestamp, sampled volume, No. Pocket) - Storage and processing computer system can secure through software. Configurable functions:</p>	<p>6</p>

<p>Initial programming of the volume to be collected - to the values of sampling Previous providing a standard sample - Automatic calibration pockets - Continuous agitation of the blood bag during its filling - Volume Display blood in real time - Audible alarm incident flow and in the end collection. (Min: 20 ml / min, max 180 ml / min) - Automatic sampling by the clamping of the tubing - Programming Volume: Sampled by weight of the donor - Main power supply and battery - Tray suitable for all blood bags - 6 Pedestal 2 stainless steel trays, safe casters with locking stop.</p>	
<p>ANATOMY LABORATORY PHATOLOGIQUE (For Surgery and Forensic Medicine)</p> <p>Chapter 6 - 3 - Equipment for pathological analysis and Morgue</p>	
<p>Item 6-3-1 - Cryostat for extemporaneous Routine cryostat top opening - Mobile due to the presence of wheels, blocked when using the cryostat - Grip the steering wheel removed for transport Easy - Large room with stainless steel surfaces and a drainage system easy to clean and disinfect - Continuous monitoring of the temperature of the chamber + 5 ° - 35 ° C - Possible storage blades and a quick staining kit on top of the cryostat - Large storage capacity of plates in the room - Electronically controlled by the control panel settings such as cuts slice thickness or temperature - On-screen display of temperature programmed and actual temperature of the room - Memory Function programmable position of the first cut - Automatic Defrost daily with the possibility of interruption - Up to 27 plates stored at 35 ° C with four- cooled Peltier - heated sliding window - waste bins and removable storage - Lighting of the room with feature on / off at the desk - Rotary Microtome with cross roller slides stainless-free play and requires no maintenance - Shrink levy the rise - Use of Technology stepper motor - Setting a control panel for ergonomic.</p>	2
<p>Item 6-3-2 - PLC dehydration 9 to 10 reagent stations - 2 to 3 paraffin stations - up from 120 to 240 cassettes as requested - 12 independent stations with stainless lids individual - Ability to store 10 programs - Programming delay start - ? Permanent rotation of samples (for patented system) to optimize exchanges between tissues and reagents, and thus the quality of impregnation. ? Draining of samples prior to transfer rotation to limit the</p>	1

contamination of reagents.	
<p>Item 6-3-3 - Modular Coating Station Complete coating station consists of two modules: Heating element distributor With paraffin tank with a volume of 5 liters - Distribution of a paraffin push button or foot pedal - 2 compartments temperature settings Independent storage of molds and cassettes - Volume of compartments: 2, 2 liters - Location heated tweezers 6 - Provided with lighting in the area of distribution and magnifier - Independent adjustment of the temperature of different work areas from 50 to 70 ° - Control panel for the front set the operation of the equipment - Dimensions of about 590 x 655 x 425 mm. CryoConsole. Setting the temperature to - 15 ° C - Shows age at temperatures the control panel located on the heater distributor - Plate Size Cold: 305 x 375 mm - Overall dimensions of the order of 330 x 600 x 405 mm. Programming start and stop automatically.</p>	1
<p>Item 6-3-4 - Microtome Microtome versatile semi-automatic with the latest technologies electronically controlled stepper motor for cutting hard wax and specimens - Forward / reverse motor of the sample by a stepper motor - Approach sample very precise and intuitive thanks to a unique ergonomic wheel - Speed approach of the sample range of variable slice thickness: 0.5 to 500 microns per increment - Selecting the fine cut"or"Mode"rough"by through a coaxial single button - Retraction of the object to the recovery - Stroke vertical object of 72 mm for cutting mega cassettes - Blocking of flying in all positions - Numerous indications at the control panel as: - Counter cutting. - Accumulated layers of cut. - Course available remaining. Head is fine with object-oriented position"0"for an alignment to be perfect subject of the clamp, knife - Memory function for a cutting position - Possibility of adaptation of different clips holder objects to be quickly interchangeable and different media (razor blade disposable - Control panel detachable microtome - Recovery of waste through the removable media for easy cleaning - Protects fingers incorporated.</p>	2
<p>Item 6-3-5 - stainer Stainer linear controlled by microprocessor to have the can store 20 programs of 50 steps each: · Up to 70 slides per staining. · 16 stations reagents. • 1 Drying Station.</p>	1

<ul style="list-style-type: none"> • 1 wash station with running water. • A retrieval system with activated carbon filter and control the saturation of filter. 	
<p>Item 6-3-6 - PLC of immunohistochemistry</p> <p>The vendor must provide an automatic immunohistochemistry by pretreatment standardized for reproducibility and automation of the dewaxing step, rehydration, and unmasking - Indicate the number of blades it deems necessary for the reproducibility and automation of immunostainings - Suggest a generation for dilution of antibodies (Cyclin D1, Estrogen receptor, COX2, Clone SP3, etc.. - And provide all supplies needed to run this laboratory for a minimum of 3 months.</p>	1
<p>Item 6-3-7 - Gluer Coverslipper</p> <p>Gluing of glass slides very compact. Up to 500 plates / hour - Up to 400 slices stored in the store - adjustment flow time of mounting medium mu.l to 250 per slide - This unit will require only a few ml of solvent to mount the blades to minimize fumes - The unit must be fitted with an extraction system charcoal filter Active - Loading can continuously - PLC for the assembly of strips on blade 76 x 26 mm with a thickness of 0.9 to 1.2 mm - dimensions of possible strips: 24 x 40 mm, 24 x 50 mm, 24 x 55 mm and 24 x 60 mm, thickness 0.15 mm - Adapters for most automated staining.</p>	1
<p>Item 6-3-8 - Microscopes</p> <p>Binocular microscope with illumination, allowing visualization of the details correct by cytological magnification x 400 for the cuts listed above.</p>	2
<p>CENTRAL LABORATORY Chapter 6 - 4 - Hematology</p>	
<p>Item 6 - 4 - 1 - Blood Gas Analyzer</p> <p>Blood gas analyzer (a device which provided for the operating room, but placed at the Biochemistry for proper operation and maintenance) Fully automatic Measurements of pH, pCO₂, PO₂, and blood pressure parameters for samples - Additional calculation of parameters including: bicarbonate, total CO₂, O₂ rate, standard bicarbonate, base excess, oxygen saturation and pH, pCO₂ - PO₂ values corrected to patient temperature - easy replacement of electrodes, both months - signaling to perform automatic maintenance - With printer.</p>	3

<p>Item 6 - 4 - 2 - Bacteriological Incubator Bacteriological incubator 53 liters minimum for routine work in bacteriology and intensive uses near handling areas - Beaches control room temperature to 80 ° C - Anti-corral by epoxy high temperature - With safety lights and safety thermostat - Tele-thermometer Glass door with locking mechanism - Stainless steel inner body.</p>	2
<p>Item 6 - 4 - 3 - Binocular Microscopes Immersion Binocular head inclined at 45 ° - 360 ° Rotation - interpupillary distance adjustable between 52 and 72 mm - Pair of eyepieces 10x, 16 x. DIN achromatic objectives 4X, 10X, 40X and 100X retractable oil immersion and Shrink - Total magnification 1600x - quadruple turret objects. Platinum 135x 145 mm - micrometer graduated to, 002 mm - Abbe condenser of AN 1.25 - Lighting transmitted (transmitted light) - Supplied with filter set blue, green, Yellow - Replacement lamp - bottle of immersion oil - Cover - Wood box with lock.</p>	2
<p>Item 6 - 4 - 4 - Table Centrifuge A variable speed from 100 to 14,000 rev / min - Digital - Button rapid centrifugation - Choice of rotors to provide separate, types and Beckman Eppendorf.</p>	2
<p>Item 6 - 4 - 5 - Apparatus Westergreen Westergreen sedimentation devices with support for 6 places - stainless steel.</p>	3
<p>Item 6 - 4 - 6 - Chromatograph HPLC to test hemoglobin - Analysis ready - Calibrated quantitatively or qualitatively. CPU include: Automatic injector thermostated to 100 positions - Module reagent reservoir - Detector wavelength visible (415-690 nm) - LCD Screen Liquid - Integrating and thermal printer - can be connected to computers Central. For application: Kits: HbA1c - BetaThal - Sickle cell - hemoglobinopathy, etc..</p>	1
<p>Item 6 - 4 - 7 - Auto-Analyzer For multi-parameter hematology, minimum 24 settings - Principle of counting electrical resistance and flow cytometry - 2 counting modes: whole blood and pre dilution - More than 80 samples per hour - 40 000 patients as possible in memory - External Laser Printer - CPU including reagent lot - 2 Consumables months.</p>	1
<p>Item 6-4 - 8 - Coagulation Analyzer Coagulation analyzers with thermal printer - Semi-automatic - 2 channels</p>	2

for PT, APTT, TT, fibrinogen and isolated factors - capacity 20 samples - System 2 channel optical, infrared LED. Note: See variant compulsory at the end of this lot.	
Item 6-4 - 9 - Centrifuge Hematocrit centrifuge with micro-disk reading - Capacity 24 tubes capillaries 1.5 x 75 mm - speed 12000 rev / min - Linear scale for reading hematocrit.	2
Item 6.4.10 - Microplate Readers Microplate readers by ELISA, with printer - to the extent sample of 96 microplates - photometer controlled by a microprocessor. Automatic diagnosis - Hard disk with software - Supplied with 3 filters: 450, 490 e t 620 nm.	2
Item 4.6.11 - Centrifuge Centrifugal cell washer tests for ALC Combs.	1
Chapter 6 - 5 - Conservation and blood derivatives	
Item 6-5 -1 - Blood Banks Blood bank refrigerated capacity for each 350 to 400 liters - Temperature operation + 2 ° C to +10 ° C - Temp. my room xi + 30 ° C - Ventilation Interior - Casing of steel sheet coated white paint acrylic or stainless steel - Interior chamber polystrol food quality thermoformed with rounded corners for easy cleaning - injected polyurethane insulation - Door double glazing thermopan - Key locking - fluorescent tube lighting. Layout: 7-9 drawers on telescopic rails - sealed refrigeration unit cooled air-powered R134a - Power of about 260 W. Temperature controller with digital display - temperature controller security high and low product with digital display, preset to + 6 ° C + 2 ° C - With simulation Operating alarms - Audible and visual alarm on box, battery charge permanent mains - Trigger default temperature and undervoltage sector - LED alarm. Switches On - Off for the alarm - Recorder Temperature records for weekly battery operated - Defrost Automatic evaporation of water - Contact stopping fan for the opening of the door alarm relay - 230 V single power supply 50 Hz + Earth. Fuse 10 A. Protection	2
Item 6 - 5 - 2 - Freezers Freezer for long-term storage at very low temperature plasma blood and red cell samples. (From - 70 ° C - 82 ° C) - Capacity 350 to 400 liters each - Thermal insulation of 130 mm - Stainless steel tank - Door with lockable, three joints of insulation with thermal resistance heating 1Telecommunications against the formation of ice - with compartments each with a gate	2

separate to avoid the cold départition opening.	
Item 6 - 5 - 3 - Cooler Cooler with a capacity of 22 liters for a capacity of blood bags 30 bags of 450 ml - ideal polyethylene insulation and cyclopentane.	4
Item 6 - 5 - 4 - Presses Plasma mail Presses plasma electronics - Compatible with all existing pockets. With clamps automatic, controlled by infrared - Audible end of cycle recovered plasma.	3
Item 6 - 5 - 5 - Welders Welders for blood bag tubing - no preheating required. For all types of tubing of blood bags - Sealing time 1.5 seconds - Frequency 46 MHz operation - Diameter of the pipe to be welded: 6.5 mm - Witness light functions.	2
Item 6 - 5 - 6 - Rotator Rotary shaker for blood bags - A 5 reel, double rotation and swing agitated for homogenization containers.	2
Item 6 - 5 - 7 - Centrifuge Large capacity refrigerated centrifuge with digital control - adjustable temperature 4 to 40 ° C. Applications: Separation of components and antibodies for transfusions Blood - Coagulation factors - serology - Molecular biology - Protector full of the rotor and jars, cover with interchangeable - Maximum Volume: 9600 ml - Maximum capacity tubes: 6 x (800 x 2) tubes - Dimensions of the order of: 120 x 100 x h 110 cm - Three-phase motor (motor unit maintenance free).	1
Item 6 - 5 - 8 - Electronic Scale (2000 grams) Electronic weighing scale 2000 grams, accuracy 0.1 g - Electronic calibration over the entire weighing - weighing pan Stainless Steel - Adapter sector.	2
Item 6-5 - 9 - Electronic Scale (600 gr) Electronic scale weighing 600 grams, 0.01 g precision - Electronic calibration over the entire weighing range - fluorescent tube lighting	2
Item 6.5.10 - Benchtop Centrifuges Tabletop centrifuge tube 8x15 with reducing capacity of 15 ml to 5 ml.	1
Item 6.5.11 - stainer Stainer type Hema-Tek 2000 or equivalent	1
Item 5.6.12 - shaker pads Platelet agitator plasma or climatic chamber.	1
Chapter 6 - 6 - Biochemistry	

<p>Item 6-6 - 1 – Spectrophotometer</p> <p>Spectrophotometer: semi-automatic analyzer with a wavelength range of 330 - 900 nm - silicon photodiode detector: 340 to 380 - 405 - 510-546 - 578-623 nm - 10 nm bandwidth - read range -0200 to 2500 (Abs) - Source: Lamp Pre-aligned tungsten halogen - Microprocessor controlled: at least 90 methods analysis open, minimum 150 results stored - LCD data display video graphic, about 40 x 60 mm - Flow Cell (30 uL) - Tanks semi - micro or on macro option.</p>	<p>1</p>
<p>Item 6-6 - 2 - PLC Analyzer</p> <p>Automatic biochemistry analyzer - Fully automatic and computerized - Procedure Working with selective multi-batch - 100 to 200 tests - Compatible with IBM PC type, 1. 44 MB - thermal printer.</p>	<p>1</p>
<p>Item 6-6 - 3 - electrolyte analyzer</p> <p>Electrolyte analyzer in one minute, Na + / K + / Cl-, Li + from a blood sample total, plasma and urine - analytical steps included automatic grading and sampling - Alphanumeric display for the results of each cycle and printer integrated.</p>	<p>1</p>
<p>Item 6-6 - 4 - Small centrifuge</p> <p>Small centrifuge motor controlled by microprocessor - without stable at speed stroke of 500 t / min to 6000 rev / min - detection anti-unbalance - Digital display actual speed and the time remaining - Angle rotor 8 x 15 ml for reducing adapt to various formats collection tubes.</p>	<p>1</p>
<p>Item 6 - 6 - 5 - Centrifuge capacity</p> <p>Centrifuge capacity - Minimum 40 tubes hémolyse1</p>	<p>1</p>
<p>Item 6 - 6 - 6 - Balance</p> <p>Roberval Balance, 5 KG.</p>	<p>1</p>
<p>Item 6 - 6 - 7 - Magnetic stirrer</p> <p>Magnetic stirrer with contact thermometer for making - Ability agitation: 20 liters - Temperature range: ambient to 300 ° C - Dimensions 135 mm diameter plate. Option: Magnetic stirrer positions 5 - Speed 0-1200 rev / min - 100 ° C.</p>	<p>1</p>
<p>Item 6 - 6 - 8 - Water bath (14 min I)</p> <p>Water bath 14 liters minimum capacity - Temperature control by microprocessor - Rapid rise in temperature - Safety for over-temperature and Lack of water - temperature range +5 ° C to 99.9 ° C - Drain - Steel steel.</p>	<p>1</p>
<p>Item 6 - 6 - 9 - Bain marie J12</p> <p>J bath 12 to 12 Litres - 100 ° Ambient - May 1200 W. nce</p>	<p>1</p>
<p>Item 6.6.10 - Electric supply of distilled water</p> <p>Device to supply distilled water - Minimum 4 liters per hour - Storage Tank</p>	<p>1</p>

distilled water to 8 liters - Approximate size 620 x 330 x H460 mm - 3 kW under 230 - The unit can be wall mounted or placed on a bench.	
Item 6.6.11 - Refrigerator Refrigerator for sensitive products laboratory - Internal capacity 165 liters minimum - temperature 2 ° to 8 ° C - Grid-ssus of a freezer capacity interior minimum 95 liters - Temperature - 20 ° C - 35 ° C. - In white lacquered steel. Provided with shelves, glass racks, drawers and racks as needed to determine - Temperature recorders for 7 days.	1
Item 6.6.12 - refrigerated cabinet Refrigerated cabinet with glass doors - Frost free system - Automatic defrosting - Capacity minimum of 650 liters - with lock and key - Indication external temperature.	1
Item 6.6.13 - Flame Photometer Flame photometer with compressor and gas regulator for butane and propane.	1
Item 6.6.14 - General PLC Controller General of immune tests - Diagnostic depending on the program below: Hormonology: 6 Estradiol, Testosterone, Progesterone, LH, FSH, Total hCG, LH, FSH, Prolactin - Overlooking also tests for Cardiovascular - Anemia - Oncology - Allergy - Thyroid - Infectious Diseases - Hepatitis / HIV - Adrenal Function - etc. - Incubation temperature: 37 ° C to + - 1 ° C - Chill ration of 4 to 8 ° C - Temperature environment from 18 to 30 ° C.	1
Item 6.6.15 - Lot of small items of Biochemistry Set of adjustable <u>micro pipettes</u> : 0-10 ml 10-50 ml 50-200 ml 200-100 ml of each: Set of <u>multichannel pipettes</u> for serology: 0 - 100 ml, 50-200 ml, 200-1000 ml. Of each: 60 mN timers - <u>Audible alarm</u> - Each: <u>Chronometers 15 mN - 1 / 10 sec</u> - Each: Comprehensive system for <u>electrophoresis comprising</u> : • Two tanks migration. • Two generators. • Two applicators. • A integrator / densitometer for reading electrophoresis plates.	5 5 2 2 1
Chapter 6 - 7 - Microbiology - Bacteriology - Parasitology	
Item 6 - 7 - 1 - Binocular microscope Binocular microscope organic phase contrast illumination and dark field - 4 semi-chromatic objectives plana - Optical head inclined at 30 degrees - Adjustment between between 55 mm and approximately 75 - Goals: SP	2

4x/0.10/160 - SP 10x/0.25/160/0.17 - 40x/0.65/160/0.17 SP - SP 100 x/1.25/160/0.17 (oil) - LOT accessories.	
Item 6 - 7 - 2 - Oven Oven for routine work in bacteriology, capacity of about 200 liters - Room temperature to 80 ° C - minimum spacing between the plates 48 mm - Corrosion protection - Stainless steel interior - Remote Thermometer - LED heating - Safety thermostat with LED - Glass door - locking mechanics.	2
Item 6 - 7 - 3 - Universal Ovens Universal Ovens, minimum capacity 60 Litres - Temperature range from 30 to 220 ° C - Control range of 50 to 220 ° C - minimum spacing between the plates 48 mm - Corrosion protection - Stainless steel interior - Remote Thermometer - LED heating - Safety thermostat with LED - Glass door - locking mechanics.	1
Item 6 - 7 - 4 - Anaerobic Jars Anaerobic jars polycarbonate - Capacity 3.5 liters - 10 to 12 Petri dishes.	2
Item 6 - 7 - 6 - shaker Kline Kline agitator.	2
Item 6 - 7 - 7 - Refrigerator Refrigerator for sensitive products laboratory - Internal capacity minimum 300 L - 2 ° C to 8 ° C - Coupled with the addition of a freezer capacity interior least 150 liters - Temperature - 20 ° C - 35 ° C - white painted steel - Provided with shelves, glass racks, drawers and racks as needed to determine - Temperature recorders for 7 days.	1
Item 6 - 7 - 8 - Tank Universal Tank Universal Bathroom - Transparent - Ability to about 3, 5 Litres - With gates 13 and 20 mm tubes - Room temperature controlled 20 ° C to 60 ° C + / - 0.2 ° C.	2
Item 6 - 7 - 9 - Electric Autoclave Autoclave electric sterilization of about 80 liters - with pressure switch control 0.62 to 1.7 Bar - Safety valve prevents the pressure exceeds the limit Maximum - Control panel with switch and LED - Pressure regulator: Bar, gauge pressure indicator, signal lamp heating indicator lid closed - fully stainless steel unit.	2
Item 6.7.10 - Tubs color Tubs color soda-lime glass with lid - Capacity 10 microscope slides 76 x 26 mm.	2

<p>Item 6.7.11 - Gas Analyzer Blood gas analyzer fully automatic measurements of pH, pCO₂, PO₂, parameters and blood pressures for samples - Calculation of additional parameters including: bicarbonate, total CO₂, O₂ rates, standard bicarbonate, excess base - Saturation of oxygen and pH, pCO₂ - PO₂ values corrected for temperature patient - Replacement Electrode easy, every two months - Signalling Automatic maintenance to be performed - Includes printer. This unit will be placed in Biochemistry for proper operation and maintenance satisfactory.</p>	<p>1</p>
<p>Item 7.6.12 - compact PLC Compact controller for identification and sensitivity - Includes lot of galleries identification (32 tests, from 16 to 32 cups) - reagents and complementary products - Tests ATB. Identification of 4 h: Enterobacteriaceae - Streptococcus - Anaerobic bacteria. Identification in 24 hours: Gram (-) - Enterobacteriaceae - Staphylococci - Yeast - Anaerobic bacteria. Sensitivity 4 h: Enterobacteriaceae - Enterobacteriaceae urine - Staphylococcus aureus. Sensitivity 24 h: Gram-negative - Gram-negative bacilli urine - Streptococci - Staphylococci - Pseudomonas and nonfermenting - Bacteria anaerobic - Gram positive and negative under antibiotic local, Neisseria and Haemophilus - Confirmation of extended-spectrum bêtalacmases - MIC determination - Yeasts - Bacteria of veterinary origin.</p>	<p>1</p>
<p>Item 7.6.13 - microplate reader Microplate reader by ELISA, with printer - To the extent sample of 96 micro plates - photometer controlled by a microprocessor- Automatic diagnosis - Hard disk with software - Supplied with 3 filters: 450, 490 and 620 nm</p>	<p>1</p>
<p>Item 6.7.14 - Automatic Washer Automatic microplate washer, compact and programmable comb wash 8-way - Vacuum pump and pump integrated distribution - Compatible with bars or microplates complete U-or V - Positioning suction heads above wells of the plate - Adjustable horizontally and vertically - Support microplates autoclavable - wash and rinse solutions bottles of 2 liters.</p>	<p>1</p>
<p>Item 07.06.15 - Incubator microplates Microplate incubator air dry - Suitable for all technical</p>	<p>1</p>

microplates - No water and no maintenance - Incubation temperature controlled to 0.5 ° Capable of near-incubated up to 4 microplates.	
Item 7.6.16 - Incinerator Infrared incinerator for needles, culture tubes, etc..	1
Item 6.7.17 - Bunsen burner Bunsen burner with gas control.	2
Item 7.6.18 - Refractometer Clinical refractometer. Will also be placed in biochemistry to function properly.	1
Item 7.6.19 - laminar flow Laminar Flow - 3 Common to the laboratory disciplines - Computer Security microbiological class II A - allows protection of the handling of manipulator and the environment (class standard NFX 44-201 - Class 100 - (According to In 12,469). Useful approximate dimensions: length 1220 mm - 420 mm Depth - Height 480 mm. Approximate exterior dimensions: Length 1227 mm - 532 mm Depth - Height 1000 mm hood to put over the user's machine - all stainless steel structure - Ventilation provided by a centrifugal fan with automatic speed airflow - Filtration with blowing and release of type "M" MINIPLEAT HPEA - 99.997% DOP efficiency for particles of 0.3 μ - Media fiberglass filter paper - Anodized aluminum frame - Protective grille painted steel coated on both sides Filter - neoprene seals - Lighting by fluorescent tube - lighting level of 600 to 800 lux, outside the volume of work - Work Plan, laterally perforated, stainless steel Type 304 L - Vein Care: 30% of the air flow is resumed in the front front, stainless 304 L, creating a protective barrier, allowing the operator protection and the environment. Includes: A single 220 V power outlet, located at the bottom right of the volume of work - a germicidal UV lamp - A folding plexiglass shield, mounted on Hinges - Control panel with touch-sensitive controls and LEDs light (stand-by mode - default order with light sensitive keys and LEDs Control light (standby mode) - Seeing HPEA default filter clogging, etc. ..). - Stainless steel shutter on the hood when using the UV lamp - stainless steel or Legs epoxy.	3
Item 6.7.20 - Lamp Rhésuscope Rhésuscope Lamp with Stand - White Light - Screen methacrylate diffuser - Temperature 40/45 ° screen.	1

<p>Item 7.6.21 - Table mats Benches intended for laboratory rooms: Tables polypropylene mats, sandstone enamelled or compact laminate (state by the tenderer) - Straw size of approximately: Length: 500 cm - Width 75 cm - Height 80 cm - With sink on the right side of the bench with valves hot / cold water flow. The supplier shall provide to adapt some of these mats (cut or openings) in some equipment to be supplied by the manufacturers after the call offers.</p>	23
<p>If necessary, the number of benches will be modified by the user.</p>	
<p>CENTRAL PHARMACY Item 6-8 - Local Central Pharmacy Provide two 2 door refrigerated cabinets for central pharmacy - 2 doors Internal locks and drawers - Chest poisons included in the cabinet - At least 2 benches for the pharmacy: Tables polypropylene mats, glazed stoneware or in compact laminate - benching dimensions of the order of: length 500 cm - Width 75 cm - Height 80 cm - 40 cm Headboard height - Sink on the side right to the bench with valves hot / cold water flow. Another bench identical to above but not sink.</p>	2
<p>ALTERNATIVE OPTIONS AND MANDATORY To be costed separately and not aggregated in the offer Option 6-4-8 Item: Coagulation Analyzer Automatic analyzer for clotting routine check-ups: PT, APTT, Fibrinogen and factors of routine - Special tests and chromosomal DNA - Maximum treatment of 15 patients between 7 and 10 mN.</p>	2

LOT 7: STERILIZATION

Descriptive	Quantities
<p>NOTE: Figures in parentheses () in the quantity column give the number of parts in the whole of the Item, which alone should be encrypted as a whole.</p>	
<p>Vertical Sterilizer quick - External dimensions of approximately: 720 x 960x 1270 mm (LxWxH) - Inner dimensions of approximately: 500 x 800 mm (Diameter x Height) - Net capacity of about 157 liters - Room with lid and locking system in stainless steel - resistant silicone seal temperatures High - A double security system pressure should be formed by a safety valve and pressure gauge - with absolute bacterial filter 0.01 micron - Control System Semi-Automatic - temperature between 100 and 135 ° C - - Time programmable from 0 to 120 minutes - Electric power: 7 kW (400 V - 50 Hz) - Will be supplied with two stainless steel wire baskets.</p>	1
<p>Item - 7-2 - Benchtop Sterilizer for Emergencies Benchtop sterilizer for sterilization - Volume of the House of the order 22 liter - Dimensions of the House of around 250 x 420 mm (diameter x depth) - Useful dimensions of the chamber of about 195 x 210 x 400 mm (width - height - depth) - Number of Trays: 5 minimum - Sound level Maximum: <50 dB - Power consumption of about 2100 W - External dimensions the order of (height-width-depth): 445x410x620 mm - Net weight of the order of 56 Kg. Conforms to European standard EN13060: 2004 - Sterilizer cycles with Type B - With horizontal chamber for easy loading - House and steel door Steel - With powerful microprocessor control with interactive touch screen - Independent steam generator - water separation system - service door Front - Battery life: water tank capacity of about 8 to 12 cycles - exchanger Heat - With security system for door lock - 5 Programmes: 134 ° C standard B 121 ° C standard b, 134 ° C please - B & B Test D - Helix; Test empty. Complies with European standards and directives: 93/42/EEC - 97/23/EC - Directive 89/336/EEC - 98/37/EEC - 73/23/EEC. EN 13060 - EN 61010-1 - EN 61010-2-040 - EN 61326. A book with a support table for sterilizer constructed in stainless steel on four wheels Roundabouts - Dimensions of about 550 x 550 x 800 mm (Length x Depth x Height) - Supplied with a water distiller.</p>	2

CENTRAL STERILIZATION	
Item - 7-3 - To the CSSD	1
Area for washing and disinfection of instruments.	
<u>Equipment washing cart:</u> Equipment cleaning with high pressure function on / off automatically - Regulated pressure from the momentum - water flow about 1000 L / h - maximum temperature of water, about 60 ° C - Dimensions payable to: 930 x 570 x 1020 mm (length x width x height) - power of about 7kW - Includes cart, the detergent container - turbolaser nozzle.	(1)
Work table for wall stainless steel surgical instruments - with lower rack and adjustable feet with rubber tips -	
<u>Work table for wall stainless steel surgical instruments</u> - with lower rack and adjustable feet with rubber tips -	(2)
Equipped with posterior edge - Dimensions of the order of: 1500 x 600 - 900 mm (Length x width x height).	
<u>Table ultrasonic cleaning wall stainless steel</u> , the order of 2500 x 600 x 900 mm (LxWxH) - For surgical instruments - Equipped with two sinks with controls	(1)
Front Panel - 2-piece valve with water drain valve - Shelving lower height-adjustable feet with rubber tips and posterior edge - Voltage 230 vx 50 Hz - Power ultrasound 1 kW.	
<u>Washstand Stainless steel</u> wall of about 2400 x 800 x 900 mm (LxWxH)	(1)
- For surgical instruments - Equipped with a sink - tap water with 2-piece drain valve - Shelving lower height-adjustable legs with end rubber and posterior edge - one kilowatt power ultrasound.	
<u>Gun cleaning pressure air / water</u> - Featuring 8 different sizes of holes to facilitate cleaning and drying equipment.	(2)
<u>Trolley on four wheels, two with brakes</u> - With two shelves	(1)
- Dimensions of about 915 x 610 x 1000 mm (LxWxH).	
<u>Washer-disinfector two doors</u> - Capacity: 10 DIN baskets dimensions of the order of: 480 x 240 x 50 mm (L x W x H). Double glazed door with manual safety device	(2)
-	
Thermal disinfection temperatures reaching around 93 ° C - Controlled by microprocessor with 20 preset programs - Wash chamber fully	
Stainless Steel - Equipped with two metering chambers of Chemicals - Unit drying air filter	
<u>HEPA equipped with double filter</u> - wash system with injectors connected to the tube	(1)
water to ensure thermal disinfection of objects - with RS232 connection printer connection and validation - Capacitor integrated steam - tank made standard stainless steel AISI361 - Possibility of storage within four 5-liter containers for detergents - Electrical connection 400 V/50 Hz Power the order of 8300 W - Supplied with stainless steel panels for cladding between washers and walls separating areas.	
<u>Set of accessories for washing machines</u> , comes with the following accessories:	(1)
2 rack 5 level with 3 wash arms - 30 DIN baskets - a rack with 3 levels	
1 booms - an anesthetic Rack - 1 Rack for rigid endoscopes - 1 Rack	

washing of containers - 3 transport trucks compatible racks. Cab back basket and rack compatible with those of automatic washers - <u>Double horizontal sliding door</u> - Dimensions of about 735 x 750 x 2320 (h) mm - Comes with stainless steel panels for cladding walls between washers and separation zones.	(1)
<u>Packaging area</u>	
<u>Central work table in stainless steel with two drawers</u> - Dimensions of the order of: 1880 x 900 x 900 mm (LxWxH) - Drawers service on stainless steel telescopic guides Travel - Support tubular structure with adjustable feet and end caps rubber.	(2)
<u>Stainless steel shelf with adjustable feet for leveling the plane</u> work, the amounts and the lower shelf - Dimensions of around 1500 x 480 x 900 mm (L x W x H).	(2)
<u>Automatic and manual welding of bags clinics</u> - Specially designed to Welding plastic bags or plastic / paper - Selection of time prior welding and the width of the strip to be welded (electronically) - The bags will automatically move on the track welding - Power of about 500 W - Maximum length of weld 12 mm - adjustable temperature soldering of about 1 ° to 200 ° C - speed of about 6 meters / minute - Dimensions of about 550 x 250 x 150 mm - Power connection: 220 V / 50 Hz	(2)
<u>Cutting device of stainless steel</u> - Equipped with a cutter associated with the distributor rolls - approximate width of cut 750 mm.	(2)
<u>Trolley with four wheels, two with brakes</u> - With two steel shelves Steel - Dimensions of about 910 x 610 x 1000 mm.	(1)
<u>Stainless steel shelf with adjustable feet for leveling the plane</u> Work - Includes 4 levels of stainless steel wire shelves - Dimensions of about 1000 x 500 x 2000 mm (L x W x H).	(12)
<u>Folding table textiles, stainless steel</u> - Dimensions of the order of: 1880 x 880 x 900 mm (L x W x H). - Plan of work than the big screen with clear glass - With of four lamps arranged in the glass screen - set of height adjustable feet with rubber stoppers - Voltage: 220 V, 50 Hz	(1)
<u>Worktable wall stainless steel for surgical instruments</u> - adjustable feet height with rubber tips - Equipped with posterior edges - Dimensions the order of 1880 x 600 x 900 mm (L x W x H).	(1)
<u>Truck paper and rolls of stainless steel</u> - Equipped with 4-wheel steering 2 with brakes - Dimensions of around 1500 x 600 x 1200 mm (LxWxH).	(1)
<u>Mobile rack with central wheel</u> , single-sided trolley made of stainless steel - Equipped with 4 wheels 2 with brakes - Dimensions of about 620 x 650 x 2000 mm (L x W x H).	(1)

Sterilization area:

Steam sterilizer with built-in generator - 2 Doors - Useful dimensions of Room: 480 x 480 x 1320 mm (width x height x depth). - Dimensions external: 900 x 1840 x 1560 mm (width x height x depth). - Volume: 300 beds - capacity 8 sterilization baskets - Power 20 kW - 400 Three-phase voltage V/50 Hz

- With Micro-computer PLC.
- Printer data of the process.
- Vacuum ejector by / water saver.
- Entry for probe validation.
- Game guides below.
- Steam generator of about 18 kW.
- Double continuous envelope.
- Air filter manoeuvrable.
- Pneumatic valve.
- Water separated.
- Conforms to European standard EN-285.
- With manual.

Programs: Test vacuum - Bowie & Dick Test - Textiles and instruments at 134 ° C -

Rubber at 134 ° C - Quick to 134 ° C - instruments in boxes sterilization 134 ° C.

Air compressor integrated into the sterilizer - Communication module and software

supervision consistent with the low temperature sterilizer – Software supervision for an integral management of sterilization cycles.

Visualization cycle parameters: Operator introducing the charge - List different materials to be sterilized - one releasing the load and its validation -

Conservation in the memory of a PC - Search function on the database

- Allows you to view the sterilization cycles desstérilisateurs steam and low temperatures - maintenance function for the service - Technical Manuals sterilizer and software printable.

List of accessories and consumables sterilizers:

Accessories included with steam sterilizers: 2 trucks loading and unloading in Stainless Steel - 4 platform stainless steel load - 3 door ceilings

maintenance of about 65 cm stainless steel - two upper and lower headers

Stainless Steel - 2 sets amounts and stainless steel lintels - 2 Installation Kit

- A kit of parts.

Sterilizer formaldehyde (formaldehyde sterilizer) 2 doors

With opening on right - Room size of about 320 x 320 x 880 mm

(Width x height x depth) - External dimensions 700 x 1900 x 1230 mm

(Width x height x depth) - Volume of about 130 liters - Gross weight of the order

400 kg - power about 7 kW - Three-phase voltage from 200 to 415 V - Frequency

(2)

(1)

50/60 hz - formalin solution less than or equal to 2%.

- Microprocessor control
- Electronic Chart Recorder of two channels
- 2 baskets of charge
- 3 pockets of sterilizing solution
- Water treatment by reverse osmosis and demineralization
- With wheels for moving
- Opening the door to the right
- Instruction Manual

Standard programs:

Program at 60 ° C - Programme to 78 ° C - Vacuum Test - Communication Module

for connection to the tracking software of steam sterilizers.

Accessories included with the low temperature formaldehyde sterilizer:

Lintel above a stainless steel line with the steam sterilizer - a Ceiling maintenance is the order of 65 cm stainless steel - an amount of completion stainless steel - an amount stainless steel joint with header line with the steam sterilizer - Pockets of formalin solution for a year's work - Kit

Installation - spare parts kit.

It is preferable that the hospital makes its own solution of formalin (lower cost).

Trolley 4 wheels, 2 with brakes:

With two shelves - Dimensions of about 910 x 610 x 1000 mm.

(1)

Water softener with an order volume of 60 liters of resin:

Equipped with a regeneration system volume and filter sediments -

(1)

Dimensions column of about 300 x 1400 mm (diameter x height) - Production water at 10 ° to about 7600 liters - No energy use in 12 kg of salt - tension monophasic 230 V/50Hz - Power 0.5 Kw.

Package includes:

- Installation Kit
- Spare parts kit

RO water:

(1)

- Compact, for production of RO water for washers and sterilizers

- With pre-filter sediment

- Pre-filter activated carbon

- Pre-sediment filter (5 microns)

- Reverse Osmosis Equipment

RO water production of about 125 liters / hour - PLC control with display - single-phase voltage 230 V/50Hz.

Storage area for sterile equipment:

Stainless steel wall rack with capacity for six baskets:
(each rack has a capacity of six baskets).

(28)

Cart load built in stainless steel:

Dimensions: 440 x 300 x 200 mm (width x length x height).

(112)

Cart load built in stainless steel:

<p>Dimensions: 440 x 300 x 140 mm (width x length x height). Stainless steel shelves: With adjustable feet for leveling the work plan Each shelf will be subdivided by four levels (shelves) stainless wire. Dimensions: 1000 x 500 x 2000 mm (length x width x height). Trolley with 4 wheels, two with brake. With 2 shelves - Dimensions: 910 x 610 x 1000 mm. Bank returns baskets: Made of stainless steel. Sealed truck for transportation of sterile equipment: Built entirely of polished stainless steel sheets - Ability to shopping basket 8 - Dimensions: 670 x 640 x 1130 mm. Package includes: - A hinged access door equipped with pressure fittings in stainless steel. - 4-wheel steering for travel. - 4 rubber protectors on the upper corners. - 3 shelves stainless steel rods. - A stainless steel tubular handle to direct it.</p>	<p>(56) (9) (1) (1) (4)</p>
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LOT 8: HOSPITAL BEDS - CRITICAL CARE - MISCELLANEOUS

Descriptive	Quantities
<p>NOTE : Figures in parentheses () in the quantity column give the number of parts in the whole of the Item, which alone should be encrypted as a whole.</p>	
<p>Item 8 - 1 - bed recovery for emergencies Bed with anti-bedsore mattresses and electrical functions of the backrest, is the thigh, Trendelenburg / dependent, variable height and lower seat position - Adjustable mechanical Raised leg - robust and durable tubular frame welded steel for use intensive - Cylinder independent linear low voltage - Remote patient and caregiver touch buttons - Positioning System Bio-contour preset - Profiling System Pro-Contour ® Advance allows adjustment is thigh and the backrest with one button - Profiling System Intelligent: the decent, the folding of the knee remains elevated until the backsplash reaches the same height. Then the folding backrest and knee down symmetrically. - Control Panel (ACP) for the caregiver to block any or part of the electrical functions on the basis of patients. Full battery backup to control all electrical functions in case of power failure or displacement - operated backrest and retractable lift - CPR handles on each side of the bed - Mattress perforated panels with retractable - Headboard and footboard with removable ABS locking mechanism and bars advanced integrated - Double urine bag holder on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts - Holder retractable cover - Extension support bed mattresses with built - Wheels 125mm molded plastic - Safety Barriers fold 3 / 4 with locking Automatic maximum raised position - rotating discs protection on every corner beds - Integrated support for door serum, patient and maintains bar under tension - Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher during transfers - Metallic structure with epoxy paint finish - Height adjustment 38 - 79cm - backrest angle</p>	<p>5</p>

(Maximum).

70 ° - Plication knees (maximum) 30 ° - FEEDING ion in 2A max current at 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - IP54 protection for liquids - 2 x lead acid batteries 12V series connected, Rechargeable 1.2 A. - Conforms to safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1 BS EN 60601-2-38) - Maximum Load in standard use: 230 kg.

Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with

performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 -

Textured maximizing the contact area to reduce the interface pressure -

Fitted mattress protection zones differentiated in the head, shoulders,

torso, legs and heels transverse channels with variable depth

function areas - air channels for air circulation and prevent accumulation

heat and humidity - Latex free - suitable for patients up to 120 kg -

Compatible with hospital beds - Mattresses and fully reversible design

symmetrical - Compatible with emergency procedures (CPR) - Radio transparent

-

Meets fire-retardant safety - PRI less than 30 mm of mercury on

89% of the surface with a 86 kg patient - Flame retardant according to BS EN 597 -1: 1995,

BS EN 597 -2: 1995 and BS 6807: 1996 - House made of fabric coated Dartex

polyurethane expandable mesh in both directions - Guide to print rotation

to change the positions of the mattress every month - Cover resistant to water but

Breather - Bacteriostatic and fungistatic and antimicrobial - Resists

mold growth - Cover completely removable - Zip hidden

preventing the penetration of fluids - Flame retardant according to BS 7175

standards - Dimensions

198cm x 86cm x 17cm.

Accessories included for each room:

- Fixed Bracket with adjustable strap and handle.

- Basket-door pool.

- Door-jar.

- Stem carrier serum.

- Pole-support, syringe pump.

- Shelf holders or monitor various objects.

- Syringe for emergencies according to the following specifications:

INFUSION

Flow range: 0.1 to 200 ml / h (depending on the size of the syringe, up to 1200 ml / h).

Syringe sizes: 5.10, 20, 30/35, 50/60 CC.

Infusion Modes: ml / h (in increments of 0, 1 ml / h).

Volume / time: 0.1 to 99.9 ml, 00h 01-96h 00.
Volume Limit: 0.1 to 999.9 mL (increments of 0.1 ml / h).
Bolus: Manual Bolus: Flow: 50 to 1200 ml / h in 50 ml <: h.
Start: Instant.
Pause: Programmable from 1 min to 24 h, increment per minute.
Night mode: Decrease backlight and LEDs, Fashion manual or automatic, lower tones.

PRESSURE MANAGEMENT

Pressure modes: two modes available: Variables or 3 pre-set levels. 100 to 900 mmHg in 50 mmHg.
Pressure monitoring: A pressure mode real-time graph of the pressure current.
Anti-bolus: Discount automatic lifting of occlusion (0.2 ml max).

ALARMS - PRE-ALARM – SECURITY

State of the infusion: Green to the infusion in progress - Orange for a pre-alarm - Red for alarms. Visible to 5 meters, with a beep, a visual and a text message.
Control infusion: pre-alarm occlusion, occlusion alarm, pre-alarm end Infusion pre-alarm VI reached, alarm VI reached
keyboard lock, hard"limits"and"soft"flow.
Control unit: Withdrawal of the device, pre-alarm end of battery battery empty battery capacity in hours and minutes display, alarm incident technique.

TECHNICAL SPECIFICATIONS

Protection of the push: Protection of the bolus in an impact by the <<Push Guard>>.
Display: Monochrome LCD blue, 66 mm x 33 mm (168 x 64 pixels).
Clamp Mounting: Clamp to the hanging rail or mast.

Dimensions / Weight: 160 x 345 x 135 mm / 2150 gr.
Battery Life: NI / MH a maximum of 10 am to 5 ml / h, Compartment separate to replace the battery.
Compliance standards: EN / IEC 60601-1 and EN / IEC 60601-2-24, CE 0459, according to European standard 93/42 EEC Medical Devices, EMC.
Protection class: IP 22.
Power supply: 100-240 VAC / 15 VA, with 9V DC adapter.
To be supplied with stainless steel base, adjustable height up to 1, minimum 80

<p>foot star with wheels.</p>	
<p>Item 8 - 2 - Day of hospital beds 12 Bed with anti-bedsore mattresses and electrical functions of the backrest, is the thigh, Trendelenburg / dependent, variable height and lower seat position - Adjustable mechanical Raised leg - robust and durable tubular frame welded steel for use intensive - Cylinder independent linear low voltage - Remote patient and caregiver touch buttons - Positioning System Bio-contour preset - Profiling System for adjusting the thigh and is backrest with a single button, Intelligent profiling system: the decent, the plication of the knee remains elevated until the backrest reaches the same height. Then the folding backrest and knee down symmetrically. -Control control (ACP) for the caregiver to block all or part of the electrical functions based on patients Full battery backup to control all electrical functions in case of power failure or displacement - operated backrest and retractable lift - CPR handles on each side of the bed - Mattress perforated panels with retractable - Headboard and footboard with removable ABS locking mechanism and bars advanced integrated - Double urine bag holder on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts - Holder retractable cover - Extension support bed mattresses with built - Wheels 125mm molded plastic - Safety Barriers fold 3 / 4 with locking Automatic maximum raised position - rotating discs at each corner protection beds - Integrated support for door serum, patient and maintains bar under tension - Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher during transfers - Metallic structure with epoxy paint finish - Height adjustment 38 - 79cm backrest angle (Maximum) 70 ° - Plication knees (maximum) 30 ° - 2A max supply to 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - IP54 protection for liquids - 2 x - lead-acid batteries 12V series connected, Rechargeable 1.2 A. Comply with safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1 BS EN 60601-2-38) - Maximum Load in standard use: 230 kg. Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 - Textured maximizing the contact area to reduce the interface pressure - Fitted mattress protection zones differentiated in the head, shoulders, torso, legs and heels transverse channels with variable depth function areas - air channels for air circulation and prevent</p>	<p>12</p>

the accumulation of heat and moisture - Latex free - suitable for patients up to 120 kg - Compatible with hospital beds - Mattresses fully reversible and symmetrical design - Compatible with emergency procedures (CPR) - Radio transparent - Meets fire-retardant safety - PRI less than 30 mm
 Mercury on 89% of the surface with a 86 kg patient - Flame retardant according to standards BS
 EN 597 -1: 1995, BS EN 597 -2: 1995 and BS 6807: 1996. House made of fabric Dartex polyurethane-coated mesh stretch in both directions - Guide to rotation printed to change the positions of the mattress every month - resistant cover to water but permeable to vapor - Bacteriostatic and fungistatic and antimicrobial - Resistant to mold growth - Cover is completely removable - Zip hidden to prevent the penetration of fluids - Flame retardant according to BS 7175 standards -
 Dimensions 198cm x 86cm x 17cm.
Accessories included for each room:
 Fixed bracket with adjustable strap and handle
 Shopping basket basin
 Bottle holder
 Rod holder serum
 Mast-support, syringe pump
 Shelves or display various objects

Item 8-3 - Beds Rehydration 12

Bed with anti-bedsore mattresses and electrical functions of the backrest, is the thigh,
 Trendelenburg / dependent, variable height and lower seat position - Adjustable mechanical
 Raised leg - robust and durable tubular frame welded steel for use intensive - Cylinder independent linear low voltage - Remote patient and caregiver touch buttons - Positioning System Bio-contour preset - Profiling System for adjusting the thigh and is backrest with a single button, Intelligent profiling system: the decent, the plication of the knee remains elevated until the backrest reaches the same height. Then the folding backrest and knee down symmetrically. - Control control (ACP) for the caregiver to block all or part of the electrical functions based on patients
 Full battery backup to control all electrical functions in case of power failure or movement - and Succession bust lift truck - CPR handles on each side of the bed - Mattress perforated with retractable panels -
 Headboard and footboard with removable ABS locking mechanism and bars advanced integrated. Double urine bag holder on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts -
 Holder retractable cover - Extension support bed mattresses with built - Wheels 125mm molded plastic - Safety Barriers fold 3 / 4 with locking

12

<p>Automatic maximum raised position - rotating discs protection on every corner beds - Integrated support for door serum, patient and maintains bar under tension -</p> <p>Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher during transfers - Metallic structure</p> <p>with epoxy paint finish - Height adjustment 38 - 79cm backrest angle (Maximum) 70 ° - Plication knees (maximum) 30 ° - - Power 2A max at 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - IP54 protection for liquids - 2 x lead acid batteries 12V series connected, rechargeable</p> <p>of 1.2 A. Comply with safety standards EN 60601-1 (BS 5724 Part 1, IEC 601-1 BS EN 60601-2-38) - Maximum Load in standard use: 230 kg.</p> <p>Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 - Surface profile maximizing the contact area to reduce interface pressure - Mattresses provided protection zones differentiated in terms of head, shoulders, torso, legs and heels with variable cross-channel depth depending on the area - air channels for air circulation and preventing the accumulation of heat and moisture - Latex free - suitable for patients up to 120 kg - Compatible with hospital beds - Mattresses fully reversible and symmetrical design - Compatible with emergency procedures (CPR) - Radio transparent - Meets fire-retardant safety - PRI less than 30 mm of Mercury on 89% of the surface with a 86 kg patient - Flame retardant according to standards BS EN 597 -1: 1995, BS EN 597 -2: 1995 and BS 6807: 1996. House made of fabric Dartex polyurethane-coated mesh stretch in both directions - Guide to rotation printed to change the positions of the mattress every month - resistant cover but water vapor permeable - Bacteriostatic and fungistatic and antimicrobial - Resistant to mold growth - Cover is completely removable - Zip hidden to prevent the penetration of fluids - Flame retardant according to BS 7175 standards - dimensions 198cm x 86cm x 17cm.</p> <p>Accessories included for each room: Fixed bracket with adjustable strap and handle Shopping basket basin Bottle holder Rod holder serum Mast-support, syringe pump Monitor Shelves</p>	
<p>Item 8-4 - Beds made chemotherapy 4 Bed with anti-bedsore mattresses and electrical functions of the backrest, is the</p>	<p>4</p>

thigh,

Trendelenburg / dependent, variable height and lower seat position - Adjustable mechanical

Raised leg - robust and durable tubular frame welded steel for use

intensive - Cylinder independent linear low voltage - Remote

patient and caregiver touch buttons - Positioning System Bio-contour preset

- Profiling System for adjusting the thigh and is

backrest with a single button, Intelligent profiling system: the decent, the

plication of the knee remains elevated until the backrest reaches the same height.

Then the folding backrest and knee down symmetrically. - Control

control (ACP) for the caregiver to block all or part of the electrical functions

according to the patients.

Full battery backup to control all electrical functions

in case of power failure or displacement - operated backrest and retractable lift

- CPR handles on each side of the bed - Mattress perforated panels with retractable

- Headboard and footboard with removable ABS locking mechanism and bars

advanced integrated - Double urine bag holder on each side of the bed - System

Brake / centralized leadership - 150mm space under the bed to access patient

lifts -

Holder retractable cover - Extension support bed mattresses with built - Wheels

125mm molded plastic - Safety Barriers fold 3 / 4 with locking

Automatic maximum raised position - rotating discs at each corner protection

beds - Integrated support for door serum, patient and maintains bar under tension

-

Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice

leg section is raised or lowered for optimal clinical management, "zero

gap "- No space between the bed and the stretcher during transfers - Metallic

structure

with epoxy paint finish - Height adjustment 38 - 79cm backrest angle

(Maximum) 70 ° - Plication knees (maximum) 30 ° - 2A max supply to 230 V

AC 50/60 Hz - Protection against electric shock Class 1, Type B -

IP54 protection for liquids - 2 x lead acid batteries 12V series connected,

rechargeable

of 1.2 A. Comply with safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1

BS EN 60601-2-38) - Maximum Load in standard use: 230 kg

Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with

performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 -

Textured maximizing the contact area to reduce the interface pressure -

Fitted mattress protection zones differentiated in the head, shoulders,

torso, legs and heels transverse channels with variable depth

function areas - air channels for air circulation and prevent the accumulation of

heat and moisture - Latex free - suitable for patients up

120 kg - Compatible with hospital beds - Mattresses fully reversible and

symmetrical design - Compatible with emergency procedures (CPR) - Radio

transparent - Meets fire-retardant safety - PRI less than 30 mm
 Mercury on 89% of the surface with a 86 kg patient - Flame retardant according to standards BS
 EN 597 -1: 1995, BS EN 597 -2: 1995 and BS 6807: 1996 - House made of fabric
 Dartex polyurethane-coated mesh stretch in both directions - Guide to rotation
 printed to change the positions of the mattress every month - resistant cover
 to water but permeable to vapor - Bacteriostatic and fungistatic and antimicrobial -
 Resistant to mold growth - Cover is completely removable - Zip
 hidden to prevent the penetration of fluids - Flame retardant according to BS 7175
 standards -
 Dimensions 198cm x 86cm x 17cm.
 Accessories included for each room:
 - Fixed Bracket with adjustable strap and handle
 - Basket-door pool
 - Door-jar
 - Stem infusion stand
 - Pole-support, syringe pump
 - Monitor shelf holder

Item - 8 to 5 - adult inpatient beds - High Ground 96

Adult hospital beds in 24 rooms with 2 beds or 48 beds and 12 rooms
 4 beds for a total of 96 beds.
 Bed with anti-bedsore mattresses and electrical functions of the backrest, is the
 thigh,
 Trendelenburg / dependent, variable height and lower seat position - Adjustable
 mechanical
 Raised leg - robust and durable tubular frame welded steel for use
 intensive - Cylinder independent linear low voltage - Remote
 patient and caregiver touch buttons - Positioning System Bio-contour
 preprogrammed - Profiling System for adjusting the thigh and is
 backrest with a single button, Intelligent profiling system: the decent, the
 plication of the knee remains elevated until the backrest reaches the same height.
 Then the folding backrest and knee down symmetrically. - Control
 control (ACP) for the caregiver to block all or part of the electrical functions
 according to the patients.
 Full battery backup to control all electrical functions
 in case of power failure or displacement - operated backrest and retractable lift
 - CPR handles on each side of the bed - Mattress perforated panels with
 retractable
 - Headboard and footboard with removable ABS locking mechanism and bars
 advanced integrated - Double urine bag holder on each side of the bed - System
 Brake / centralized leadership - 150mm space under the bed to access patient
 lifts -
 Holder retractable cover - Extension support bed mattresses with built - Wheels
 125mm molded plastic - Safety Barriers fold 3 / 4 with locking
 Automatic maximum raised position - rotating discs at each corner protection

beds - Integrated support for door serum, patient and maintains bar under tension -

Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher during transfers - Metallic structure

with epoxy paint finish - Height adjustment 38 - 79cm backrest angle (Maximum) 70 ° - Plication knees (maximum) 30 ° - 2A max supply to 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - IP54 protection for liquids - 2 x lead acid batteries 12V series connected, rechargeable

of 1.2 A. Comply with safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1 BS EN 60601-2-38) - Maximum Load in standard use: 230 kg

Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 - Textured maximizing the contact area to reduce the interface pressure - Fitted mattress protection zones differentiated in the head, shoulders, torso, legs and heels transverse channels with variable depth function areas - air channels for air circulation and prevent the accumulation of heat and moisture - Latex free - suitable for patients up to 120 kg - Compatible with hospital beds - Mattresses fully reversible and symmetrical design - Compatible with emergency procedures (CPR) - Radio transparent - Meets fire-retardant safety - PRI less than 30 mm

Mercury on 89% of the surface with a 86 kg patient - Flame retardant according to standards BS EN 597 -1: 1995, BS EN 597 -2: 1995 and BS 6807: 1996 - Cover made of fabric Dartex polyurethane-coated mesh stretch in both directions - Guide to rotation printed to change the positions of the mattress every month - resistant cover to water but permeable to vapor - Bacteriostatic and fungistatic and antimicrobial - Resistant to mold growth - Cover completely removable - Zip hidden to prevent the penetration of fluids - Flame retardant according to BS 7175 standards -

Dimensions 198cm x 86cm x 17cm.

Accessories included for each room:

- Fixed Bracket with adjustable strap and handle,
- Basket-door pool,
- Door-jar
- Stem carrier serum
- Pole-support, syringe pump,
- Monitor shelf holder

Accessories included a choice of:

- 10 orthopedic beds and 10 beds cranial surgery:
- Full Frame traction.
- Mini course of cervical traction.

(5)
(5)

<p>Item - 8 - 6 - Pediatric Hospital Beds</p> <p>Pediatric hospital beds in 8 patients isolated room with 2 beds or 16 beds and 12 rooms with 2 beds for a total of 40 beds.</p> <p>Each room will include pediatric patient isolation rooms for 4 children 1 to + / - 8 years:</p> <ul style="list-style-type: none"> - A folding bed accompanying Floorstanding steel tube epoxy - 4 wheels - Welded wire mesh - Supplied with 10 cm thick mattress and cover storage in the folded position. - A fleet of bed pediatric hospitalizations in the order of: LxWxH: 146 x 79 x 69 cm - Steel tube with epoxy paint bars spaced up to 6 cm - Two side sliding gates with security system antiécrasement - Adjust the height of the multi-barrier - Height platform 69 cm above the ground. Panel head and footboard removable. Slope Manual 12 ° Trendelenburg and 8 ° - ajustab the backrest - Four castors 100 mm swivel, 2 locking - washable mattress covers - Mounting rods serum carrier attached to the bed. <p>Accessories included for each room: Rod holder serum.</p> <p>Accessories included for 10 pediatric beds: Part of traction</p>	<p>40</p> <p>(10)</p>
<p>Item - 8 - 7 - Twin rooms for children over 8 years</p> <p>Bed with anti-bedsore mattresses and electrical functions of the backrest, is the thigh, Trendelenburg / dependent, variable height and lower seat position - Adjustable mechanical</p> <p>Raised leg - robust and durable tubular frame welded steel for use intensive - Cylinder independent linear low voltage - Remote patient and caregiver touch buttons - Positioning System Bio-contour preset</p> <ul style="list-style-type: none"> - Profiling System for adjusting the thigh and is backrest with a single button, Intelligent profiling system: the decent, the plication of the knee remains elevated until the backrest reaches the same height. Then the folding backrest and knee down symmetrically. - Control control (ACP) for the caregiver to block all or part of the electrical functions according to the patients. Full battery backup to control all electrical functions in case of power failure or displacement - operated backrest and retractable lift - CPR handles on each side of the bed - Mattress perforated panels with retractable - Headboard and footboard with removable ABS locking mechanism and bars advanced integrated. - Double Support urine bag on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts - Holder retractable cover - Extension support bed mattresses with built - Wheels 	<p>8</p>

125mm molded plastic - Safety Barriers fold 3 / 4 with locking
Automatic maximum raised position - rotating discs at each corner protection
beds - Integrated support for door serum, patient and maintains bar under tension
-
Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice
leg section is raised or lowered for optimal clinical management - "zero
gap "- no space between the bed and the stretcher during transfers - Metallic
structure
with epoxy paint finish - Height adjustment 38 - 79cm backrest angle
(Maximum) 70 ° - Plication knees (maximum) 30 ° - 2A max supply to 230 V
AC 50/60 Hz - Protection against electric shock Class 1, Type B -
IP54 protection for liquids - 2 x lead acid batteries 12V series connected,
rechargeable
of 1.2 A. Comply with safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1
BS EN 60601-2-38) - Maximum Load in standard use: 230 kg
Mattresses: Mattresses made of high resilience polyurethane foam, in accordance
with
performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 -
Textured maximizing the contact area to reduce the interface pressure -
Fitted mattress protection zones differentiated in the head, shoulders,
torso, legs and heels transverse channels with variable depth
function areas -
Air channels for air circulation and prevent heat buildup and
Humidity - Latex free - suitable for patients up to 120 kg -
Compatible with hospital beds - Mattresses and fully reversible design
symmetrical - Compatible with emergency procedures (CPR) - Radio transparent
-
Meets fire-retardant safety - PRI less than 30 mm of mercury on
89% of the surface with a 86 kg patient - Flame retardant according to BS EN 597
-1: 1995,
BS EN 597 -2: 1995 and BS 6807: 1996 - Cover made of fabric coated Dartex
polyurethane expandable mesh in both directions - Guide to print rotation
to change the positions of the mattress every month - Cover resistant to water but
Breather - Bacteriostatic and fungistatic and antimicrobial - Resists
mold growth - Cover completely removable - Zip hidden
preventing the penetration of fluids - Flame retardant according to BS 7175
standards - Dimensions
198cm x 86cm x 17cm
Accessories included for each room:
Rod holder serum.

Item 8 - 8 - Recovery room beds
Beds with anti-bedsore mattresses and electrical functions of the backrest, is the
thigh,
Trendelenburg / dependent, variable height and lower seat position - Adjustable
mechanical

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Raised leg - robust and durable tubular frame welded steel for use intensive - Cylinder independent linear low voltage - Remote patient and caregiver touch buttons - Positioning System Bio-contour preprogrammed - Profiling System for adjusting the thigh and is backrest with a single button, Intelligent profiling system: the decent, the plication of the knee remains elevated until the backrest reaches the same height. Then the folding backrest and knee down symmetrically. - Control control (ACP) for the caregiver to block all or part of the electrical functions according to the patients.

Full battery backup to control all electrical functions in case of power failure or displacement - operated backrest and retractable lift - CPR handles on each side of the bed - Mattress perforated panels with retractable

- Headboard and footboard with removable ABS locking mechanism and bars advanced integrated - Double urine bag holder on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts -

Holder retractable cover - Extension support bed mattresses with built - Wheels 125mm molded plastic - Safety Barriers fold 3 / 4 with locking Automatic maximum raised position - rotating discs protection on every corner beds - Integrated support for door serum, patient and maintains bar under tension -

Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher during transfers - Metallic structure

with epoxy paint finish - Height adjustment 38 - 79cm backrest angle (Maximum) 70 ° - Plication knees (maximum) 30 ° - 2A max supply to 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - IP54 protection for liquids - 2 x lead acid batteries 12V series connected, rechargeable

1.2 A - Meets safety EN 60601-1 (BS 5724: Part 1, IEC 601 - 1 BS EN 60601-2-38) - Maximum Load in standard use: 230 kg.

Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with

performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 - Textured maximizing the contact area to reduce the interface pressure - Fitted mattress protection zones differentiated in the head, shoulders, torso, legs and heels transverse channels with variable depth function areas - air channels for air circulation and prevent the accumulation of heat and moisture - Latex free - suitable for patients up 120 kg.

Compatible with hospital beds - Mattresses and fully reversible design symmetrical - Compatible with emergency procedures (CPR) - Radio transparent

- Meets fire-retardant safety - PRI less than 30 mm of mercury on

89% of the surface with a 86 kg patient - Flame retardant according to BS EN 597 -1: 1995,

BS EN 597 -2: 1995 and BS 6807: 1996 - Cover made of fabric coated Dartex polyurethane expandable mesh in both directions - Guide to print rotation to change the positions of the mattress every month - Cover resistant to water but Breather - Bacteriostatic and fungistatic and antimicrobial - Resists mold growth - Cover completely removable - Zip hidden preventing the penetration of fluids - Flame retardant according to BS 7175 standards - Dimensions 198cm x 86cm x 17cm.

Accessories included for each room:

- Fixed Bracket with adjustable strap and handle,
- Basket-door pool,
- Door-jar

- Stem carrier serum
- Pole-support, syringe pump,
- Shelf holders monitor.
- Syringe according to the recovery room following specifications:

INFUSION

Flow range: 0.1 to 200 ml / h (depending on the size of the syringe, up to 1200 ml / h).

Syringe sizes: 5.10, 20, 30/35, 50/60 CC.

Infusion Modes: ml / h (in increments of 0, 1 ml / h).

Volume / time: 0.1 to 99.9 ml, 00h 01-96h 00.

Volume Limit: 0.1 to 999.9 mL (increments of 0.1 ml / h).

Bolus: Manual Bolus: Flow: 50 to 1200 ml / h in 50 ml <: h.

Start: Instant.

Pause: Programmable from 1 min to 24 h, increment per minute.

Night mode: Decrease backlight and LEDs, Fashion manual or automatic, lower tones.

PRESSURE MANAGEMENT

Pressure modes: two modes available: Variables or 3 pre-set levels. 100 to 900 mmHg in 50 mmHg.

Pressure monitoring: A pressure mode real-time graph of the pressure current.

Anti-bolus: Discount automatic lifting of occlusion (0.2 ml max).

ALARMS - PRE-ALARM - SECURITY

State of the infusion: Green to the infusion in progress - Orange for a pre-alarm - Red

for alarms. Visible to 5 meters, with a beep, a visual and

a text message.

Control infusion: pre-alarm occlusion, occlusion alarm, pre-alarm end

Infusion pre-alarm VI reached, alarm VI reached

keyboard lock, hard "limits" and "soft" flow.

Control unit: Withdrawal of the device, pre-alarm end of battery

battery

empty battery capacity in hours and minutes display, alarm

incident technique.

TECHNICAL SPECIFICATIONS

Protection of the push: Protection of the bolus in an impact by the <<Push Guard>>.

Display: Monochrome LCD blue, 66 mm x 33 mm (168 x 64 pixels).

Clamp Mounting: Clamp to the hanging rail or mast.

Dimensions / Weight: 160 x 345 x 135 mm / 2150 gr.

Battery Life: NI / MH a maximum of 10 am to 5 ml / h, Compartment separate to replace the battery.

Compliance standards: EN / IEC 60601-1 and EN / IEC 60601-2-24, CE 0459, according to European standard 93/42 EEC Medical Devices, EMC.

Protection class: IP 22.

Power supply: 100-240 VAC / 15 VA, with 9V DC adapter.

To be supplied with stainless steel base, adjustable height up to 1, minimum 80 foot star with wheels.

item 8 - 9 - Intensive Care Beds

Beds with anti-bedsore mattresses and pumps dynamic anti-phlebitis: electrical functions

the backrest, is the thigh, the leg is, Trendelenburg / dependent, variable height, and

Low seat position - strong and durable tubular frame steel welded

intensive use - Cylinder independent linear low voltage -

Remote patient and caregiver touch buttons - Profiling patented Bio-Contour

combining five simultaneous movements of the platform bed and the curved shape of

mattress to reduce significantly the pressure point on the patient - Ultra low

30 cm for easy entry / exit of the bed and prevent falls -

Remote patient on each side within the safety signs

retractable side of the bed allowing the patient to adjust the height of the leg is,

the inclination of the backrest and the function to simultaneously adjust the angle of

backrest and leg support for maximum comfort. - Control panel

care on either side outside the security side panels allows

the following: heart or blood vessel chair mode, power indicator,

CPR, light the burner underneath the bed, variable height, tilt relèebuste,

is tilt-leg, the angle of kinking of the knee, the functions of

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Lock - The control buttons are backlit to help the caregiver night.

Caregiver control panel to block the functions of the remote patient - Positioning System Auto-Contour 'and' Auto CPR 'preset.

Cardiac chair position at the lowest height - 4 full safety barriers

ABS preformed with retractable control panel integrated care - The control panel incorporates separate selection functions and functions activation for optimal security. Indicator lights indicate which functions are enabled - visual indicators of the angle of the backrest relative to is-thigh - curved panels in ABS retractable bed for optimal disinfection - Intelligent Profiling System: the decent, the folding of knee remains elevated until the backrest reaches the same height. Then folding backrest and knee down symmetrically.

Full battery backup to control all electrical functions in case of power failure or displacement - operated backrest and retractable lift

- CPR handles on each side of the bed, headboard and footboard with removable ABS locking mechanism and push bars included - Double bag holder urine on each side of the bed - Braking System Central - Directional Wheel - 150mm space under the bed to access patient lifts - holder retractable cover - Extension box spring mattress support integrated - 125mm molded plastic wheels -

Protection rotating discs at each corner of beds - Integrated support for door serum bar

maintains patient under traction - Choice of leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher

during transfers - Steel structure with powder coated finish - No fairings to prevent contamination of areas - All cylinders are available directly and can be changed in the room in less than 5 minutes - Read thoroughly disinfected with steam - Function pit stop to change wheels out of the room - supply 2A max at 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - Protection against liquids IP54 - 2 x lead acid batteries 12V series connected, rechargeable 1.2 A - Height variable 30 - 77cm - backrest angle (maximum) 65 ° - Plication knees (maximum) 23 ° - Rise leg (maximum) 22 ° - Reverse Trendelenburg / December live: -12 ° - + 12 ° - Dimensions

228cm x 104cm - Safety Complies with EN 60601-1, IEC 601-1, EN 60601-2 - 38 and EN 60601-1-2

Maximum load in standard use: 250 kg.

Option weighing: weighing system integrated Class III certified high precision integrated automatic blemish. The system allows also a change in the tare use phase allowing to add or remove accessories at any time.

Weighing reliable regardless of the position and inclination of the bed, without rethinking the patient.

The bed has a screen weighing placed on each side, at the gates
Central - Digital indication of the absolute angle Trendelenburg / Slope
Anti-bedsores mattresses dynamic: Mattresses with 20 cells to alternating pressures

individually replaceable - "Auto Profile Technology (APT)": The system recognizes the positioning of the file reads 30 ° - pressure cells increase automatically to provide additional support and an optimal distribution of pressure for the patient. This feature eliminates the manual settings each time the patient changes position and handling errors.

Active mode (alternate): relieved contact pressures in sensitive areas inflating and deflating the cells every 10 minutes - a reactive mode (low pressure constant) the pressure in the cells is reduced and kept constant throughout the surface to lower the contact pressure exerted on the body - at the PRI sacrum below 10 mm Hg on 30% duty cycle with a patient of 85 kg - Cover Dartex®, scalable in both directions and permeable to water vapor - Function transport up to 8 hours facilitating the transfer of patients - Device cable management on both sides reducing risks to caregivers - Feature rapid deflation (CPR / CPR) in 20 seconds - Transport mode - Straps fixing.

Length 2090 mm x Height 205 mm - Material Polyurethane cells - Material PU laminate bottom cover - mattress slip coating on increasing the patient safety and prevent the mattress from sliding on the bed.

Pump with LCD indicator with the choice of therapy, and indicator APT visual alarms, mode icon mattress / cushion, beach weight, activity indicator and On / Standby - Witnesses audible and visual alert the user in case of interruption of therapy or power failure - three levels of comfort used to adjust the pressure cell according to user preference for a surface more flexible or stronger - "Automatic Recognition Technology": identifies automatically if the pump is connected to a mattress on a mattress or cushion and adjusts the pressure for optimal clinical effectiveness - Biofilter 3-level filtration

which provides 99.97% filtration of airborne particles 0.3 micron in order to combat

against infections and allergies - Integrated USB port for maintenance and implementation of the

upgrade the software of the pump - pressure manually adjustable for weight and the patient's position - Lightweight and compact - Minimum level of noise and vibration -

Sustainable and robust ABS housing

No corners to avoid sites of infection - Hangers - Guide easy to use affixed to the pump - 230 V 50 Hz - Dimensions about 240 mm x 210 mm x 135 mm.

Material plastic ABS fire resistant - Max. 160 kg patient.

<p>Pump anti-thrombosis for prophylaxis of venous thrombosis deep by intermittent pneumatic compression - Adjustable pressure up to 100 mm Hg to meet the needs of each patient - Quiet Pump - Single Mode offering the possibility to use a single compression sleeve - Instructions and warning alarms clearly visible on the side of the pump - Feet minimizing vibration rubber - Light switch indicating that the treatment is in progress - Audible and visual alarm - Analog Display - pressure Connections snap-lock between the pump and pneumatic tubes to prevent any accidental disconnection - Hoses fitted with an anti-pinch, robust and easy to clean</p> <p>Degree of protection: Class II (double insulation) type BF with functional earth Compression garments do not contain latex or rigid plastic part reduce the risk of maceration and pressure sores - Fabric foam micro-perforated laser light providing maximum comfort - Breathable avoiding the accumulation of heat and humidity.</p> <p>Compression garment designed for single patient use - Easy to apply and secure with hook and loop closure to ensure a comfortable setting and a simple adjustment - Sizes L, XL and obese under the calves, thighs or feet.</p> <p>Dimensions 270 mm x 150 mm x 105 mm - Housing material: ABS plastic Electrical Standards Safety: EN 60601-1:1990 / A13: 1996</p> <p>Accessories included for each room:</p> <ul style="list-style-type: none"> - Fixed Bracket with adjustable strap and handle - Basket-door pool - Door-jar - Stem infusion stand - Pole-support, syringe pump - Monitor shelf holder <p>Accessories included for all intensive care beds:</p> <ul style="list-style-type: none"> - Traction Full Frame - Mini-course of cervical traction 	<p>(4) (2)</p>
<p><u>Hospital beds on the first floor</u></p>	
<p>Item - 8 - 10 - Maternity Hospital Beds</p> <p>Bed hospital with anti-bedsore mattresses and pumps anti-phlebitis, functions electric backrest, is the thigh, recumbent / dependent, variable height and position low chair - Adjustable mechanical leg is - strong and durable tubular frame Welded steel for intensive use - Cylinder independent linear low voltage Electric-Remote patient and caregiver touch buttons - System Bio-contour positioning pre-programmed - Profiling System for adjustment is the thigh and the backrest with one button system Intelligent profiling: the decent, the folding of the knee remains elevated until the backsplash reaches the same height. Then the folding backrest and knee</p>	<p>32</p>

down symmetrically. - Control Panel (ACP) allows the caregiver block all or part of the electrical functions on the basis of patients. Full battery backup to control all electrical functions in case of power failure or displacement - operated backrest and retractable lift - CPR handles on each side of the bed - Mattress perforated panels with retractable

-Headboard and footboard with removable ABS locking mechanism and bars advanced integrated - Double urine bag holder on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts -

Holder retractable cover - Extension support bed mattresses with built - Wheels 125mm molded plastic - Safety Barriers fold 3 / 4 with locking Automatic maximum raised position - rotating discs at each corner protection beds - Integrated support for door serum, patient and maintains bar under tension -

Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - No space between the bed and the stretcher during transfers - Metallic structure with epoxy paint finish - Height adjustment 38 - 79cm backrest angle (Maximum) 70 ° - Plication knees (maximum) 30 ° - 2A max supply to 230 V AC 50/60 Hz - Protection against electric shock Class 1, Type B - IP54 protection for liquids - 2 x lead acid batteries 12V series connected, rechargeable

of 1.2 A. Comply with safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1 BS EN 60601-2-38) - Maximum Load in standard use: 230 kg. Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 - Textured maximizing the contact area to reduce the interface pressure - Fitted mattress protection zones differentiated in the head, shoulders, torso, legs and heels transverse channels with variable depth function areas - air channels for air circulation and prevent the accumulation of heat and moisture - Latex free - suitable for patients up 120 kg - Compatible with hospital beds - Mattresses fully reversible and symmetrical design - Compatible with emergency procedures (CPR) - Radio transparent - Meets fire-retardant safety - PRI less than 30 mm Mercury on 89% of the surface with a 86 kg patient - Flame retardant according to standards BS EN 597 -1: 1995, BS EN 597 -2: 1995 and BS 6807: 1996 - House made of fabric Dartex polyurethane-coated mesh stretch in both directions - Guide to rotation printed to change the positions of the mattress every month - resistant cover to water but permeable to vapor - Bacteriostatic and fungistatic and antimicrobial - Resistant to mold growth - Cover is completely removable - Zip hidden to prevent the penetration of fluids - Flame retardant according to BS 7175 standards -

Dimensions 198cm x 86cm x 17cm.

Pump anti-thrombosis for prophylaxis of venous thrombosis deep by intermittent pneumatic compression - Adjustable pressure up to 100 mm Hg to meet the needs of each patient - Quiet Pump - Single Mode offering the possibility to use a single compression sleeve - Instructions and warning alarms clearly visible on the side of the pump - Feet minimizing vibration rubber - Light switch indicating that the treatment is in progress - Audible and visual alarm - Analog Display - pressure Connections snap-lock between the pump and pneumatic tubes to prevent any accidental disconnection - Hoses fitted with an anti-pinch, robust and easy to clean.

Degree of protection: Class II (double insulation) type BF with functional earth Compression garments do not contain latex or rigid plastic part reduce the risk of maceration and pressure sores - Fabric foam micro-perforated laser

light providing maximum comfort - Breathable avoiding the accumulation of heat and humidity.

Compression garment designed for single patient use - Easy to apply and secure with hook and loop closure to ensure a comfortable setting and a simple adjustment - Sizes L, XL and obese under the calves, thighs or feet

Dimensions 270 mm x 150 mm x 105 mm - Housing material: ABS plastic- Standards

Electricity Safety: EN 60601-1:1990 / A13: 1996

Accessories included for all 32 maternity beds:

Baby Cribs: cradle specifically designed for use in services

Maternity - Cradle consists of a powder coated chassis with 4 swivel casters -

Cradle with removable clear acrylic shell - with system of Trendelenburg

8 ° and 8 ° Trendelenburg and a mattress.

Work plan for box baby furniture including acrylic monocoque exchange bath shelf, washing hands and health records.

The bath will be at right or left of the cabinet according to the orientation of the baby boc.

Furniture melamine surfaced panels (DP) 10 mm - Choice of white or + / - 16 solid colors - Waterproof (CTBH) with a minimum of 3 drawers on runners metal for which a type Seca baby weighs 757 or 335 - Hinged doors invisible adjustable plastic joints, metal handles.

Chrome mixer faucet for the bathtub and wash basin - with Carpet Exchange cover sewn - with lid bin is located.

Overall length of about 135 cm - Width + / - 67 cm - Height + / - 97 cm.

Submit this piece with all alternatives increasing the ease of staff working care and comfort of the baby.

(34)

(32)

Item 8-11 - adult inpatient beds all specialties**96**

Adult hospital beds in 24 rooms with 2 beds or 48 beds and 12 rooms 4 beds for a total of 96 beds.

Bed with electrical functions of the backrest, is the thigh, recumbent / Slope, height variable, and low seat position - Mechanical adjustment of the leg is - tubular frame

Rugged, durable welded steel for intensive use - independent linear actuator Low voltage - Remote patient and caregiver touch buttons -

Positioning System Bio-edge pre-programmed - Profiling System

adjustment is to-legs and the backrest with one button,

Intelligent profiling system: the decent, the folding of the knee remains elevated until the backrest reaches the same height. Then the backslash and the folding of

Knee down symmetrically. - Control Panel (ACP) for the caregiver to block all or part of the electrical functions on the basis of patients

Full battery backup to control all electrical functions

in case of power failure or movement - and Succession bust lift truck -

CPR handles on each side of the bed - Mattress perforated with retractable panels -

Headboard and footboard with removable ABS locking mechanism and bars advanced integrated. Double urine bag holder on each side of the bed - System Brake / centralized leadership - 150mm space under the bed to access patient lifts -

Holder retractable cover - Extension support bed mattresses with built - Wheels 125mm molded plastic - Safety Barriers fold 3 / 4 with locking

Automatic maximum raised position - rotating discs protection on every corner

beds - Integrated support for door serum, patient and maintains bar under tension -

Low height of 34 cm for easy entry / exit of the bed and prevent falls - Choice leg section is raised or lowered for optimal clinical management - "zero gap" - no space between the bed and the stretcher during transfers - Metallic structure

with epoxy paint finish - Height adjustment 38 - 79cm backrest angle

(Maximum) 70 ° - Plication knees (maximum) 30 ° - - Power 2A max at 230 V

AC 50/60 Hz - Protection against electric shock Class 1, Type B -

IP54 protection for liquids - 2 x lead acid batteries 12V series connected, rechargeable

of 1.2 A. Comply with safety standards EN 60601-1 (BS 5724: Part 1, IEC 601-1

BS EN 60601-2-38) - Maximum Load in standard use: 230 kg.

Mattresses: Mattresses made of high resilience polyurethane foam, in accordance with

performance tests and fatigue - Density Kg/m³ 40-42 - Firmness 130-165 -

Textured maximizing the contact area to reduce the interface pressure -

Fitted mattress protection zones differentiated in the head, shoulders,

<p>torso, legs and heels transverse channels with variable depth function areas - air channels for air circulation and prevent the accumulation of heat and moisture - Latex free - suitable for patients up to 120 kg - Compatible with hospital beds - Mattresses and fully reversible design symmetrical - Compatible with emergency procedures (CPR) - Radio transparent</p> <p>-</p> <p>Meets fire-retardant safety - PRI less than 30 mm of mercury on 89% of the surface with a 86 kg patient - Flame retardant according to BS EN 597 -1: 1995, BS EN 597 -2: 1995 and BS 6807: 1996. House made of fabric coated Dartex polyurethane expandable mesh in both directions - Guide to print rotation to change the positions of the mattress every month - Cover resistant to water but Breather - Bacteriostatic and fungistatic and antimicrobial - Resists mold growth - Cover is completely removable - Zip hidden preventing the penetration of fluids - Flame retardant according to BS 7175 standards - dimensions 198cm x 86cm x 17cm.</p> <p>Accessories included for each room:</p> <ul style="list-style-type: none"> - Fixed Bracket with adjustable strap and handle - Basket-door pool - Door-jar - Stem infusion stand <ul style="list-style-type: none"> - Pole-support, syringe pump - Monitor shelf holder <p>Accessories included a choice of 10 orthopedic beds and 10 surgical beds</p> <p>cranial included:</p> <ul style="list-style-type: none"> - Traction Full Frame - Mini course of cervical traction 	<p>(5)</p> <p>(5)</p>
<p>Item - 8 - 12 - Table of bed and bedside tables separated</p> <p><u>Bedside table with smooth surfaces and non-absorbent, easy to clean</u> - with drawers</p> <p>self-lubricated bearings can be removed at the same time the platform internal to allow thorough cleaning the frame - one piece molded drawer avoid infiltration of liquids - Double hook on each side of the table allows the patient to easily suspend the bag - 4 x 65 mm wheels attached to the aluminum base record for durability. - Top Drawer ergonomically designed for allow easy access for the patient and the nurse - Towel is putting in place automatically is located behind the apse - Bedside consists of a rigid base cast aluminum and stem angle and sturdy MDF for greater strength and durability - All drawers and side panels can be replaced individually - Corner pads chrome - Height x Width 850 mm x 450 mm Depth 470 mm</p>	<p>302</p>

<p><u>Table-top tilt bed with a solid rigid tubular steel</u> Heavy - Variable height: 710 - 1080mm - Gas spring assisted adjustable height - automatic lock to the desired height - 4 castors swivel 50 mm - Epoxy polyester for optimal protection against shock and Scratch - molded tray non-absorbent surface.</p>	
<p>Item - 8 to 13 - bed Obese Obese bed with mattress with total weight up to 500 kg - Electric Functions Backrest, thigh and is height adjustable electric - with Integrated Weighing accuracy of + / - 500 g, range of use 20 kg - 500 kg - Battery backup - Position chair is effortlessly achieved thanks to the electric recumbent at the touch of a button, bringing clinical benefits to patients and major psychological - Conviction selective functions for caregivers to turn off the choose some or all of the electrical functions of the remote - Succession leg Mechanical - Extension of bed and mattress built: + 20 cm high for patients Size - Mattress width adjustable perforated metal - integrated with Folding Gates reinforced foam on the sides - mattress specially designed maximum load use safety and protection of 500 kg of foam barriers - Electric variable height 49-78 cm - Electrically operated backrest 0 to 60 ° - Auto OnTour C: position of comfort automatic. Movement of the backrest and knee break simultaneously avoids Slip of the patient .- Reverse Trendelenburg - sloping supply and release horizontal Automatic 14 ° / -14 ° - Position chair - Olympi nt engine Progressive: No fits and starts for the patient - two remote controls for a patient, a for the caregiver - a command to the foot of the bed guilty individual each function - ABS head and foot panels removable - Chassis covered with a ABS cache: facilitates cleaning operations - 4 slots for carrying rod serum - Centralized brake on 4 wheels with wheel directional function - double roller wheels for better handling and better roll - Built-in battery (for all electrical functions). Allows a standard use for patient transport - Audible alarm if low battery - Standard width 92 cm - Width with extension122 cm - Standard length 206 cm - 226 cm Length with extension - CE approval 93/42.</p>	<p>4</p>
<p>Item 8-14: Volumetric Infusion pump for parenteral nutrition (For all hospital beds and services)</p> <p>Descriptive:</p>	<p>70</p>

INFUSION

Flow Range: 1-1200 ml / h in normal mode (increments of 1 ml / h) - 0.1 to 99.9 ml / h

micro mode (increments of 1 ml / h) - The flow may be limited depending on the drug name

(Minimum and maximum limits) through the security system of the administration of the infusion.

Accuracy rate: + / - 5% or better in most clinical situations.

Infusion volume: 1-999 ml in normal mode and 0.1 to 999.9 ml in micro mode.

Infusion Modes: 5 modes available infusion: ml / h only (if detector provided drip is used) - Volume / time with automatic calculation of Flow - Flow Volume + time + - + Volume Flow - Flow + time - can start deferred.

Infusion time: From 0h to 0.1 '00 until 168 h when the alarm recommended length is exceeded.

PRESSURE MANAGEMENT

Pressure mode: 2 modes: variable (from 50 to 750 mmHg, in increments of 25 - 50 mmHg) or 3 pre-set levels.

Pressure monitoring: real-time graphical representation of the actual pressure in the tubing and pressure limit.

Anti System - Bolus: Automatic Bolus Reduction in exercise of occlusion (0.2 ml Max).

ALARM - ALARM PRE - SECURITY

State Perfusion: Green perfusion in progress - Orange pré-alarme/avertissement - Red Alarm - Beeper Signal by - visual and text message.

Pre Alarm: Pre-occlusion alarm - Alarm occlusion - Out of the tubing - Air in the pipe - speed limit and max - Vacuum Infusion - End of break.

TECHNICAL SPECIFICATIONS

Pumping mechanism: linear peristaltic System Generation 2 with automatic adjustment.

Display: Monochrome LCD Blue 66 mm x 33 cm.

Clamp: Clamp for versatile hanging rail or mast.

Battery Life: Li-ion battery for up to 8 h to 125 ml / h - and remaining charge level Load available on the screen.

Power supply: 100-240 VAC / 50-60 Hz with standard cable / 10 VDC DC cable specific.

To be supplied with stainless steel base, adjustable height up to 1, minimum 80 foot star with wheels.

Item 8-15: Pump Pain

30

For intensive care, as in all the services the patient may control their analgesia, a pain pump is desirable. We call a pump with 5 modes of patient-controlled analgesia:

- Pump with Bolus simple.
- Bolus + continuous flow.
- Bolus + continuous limited.
- Bolus + continuous sliding.
- Bolus + continuous servo.

Performance:

5-mode PCA / PCEA function or loading dose titration - Programming: 5 Recordable protocols - History: Storing the last 5 patients, visualization or printing and PC transfer - Concentration: 0.1 mg / ml to 99.9 mg / ml increments
of 0.5 mg, 1 mg and 1 mg - bolus dose: OFF 1 μ g to 99.9 mg, 0.5 mg increments, 1 mg and 0.1 mg - bolus duration: 30 s Flash, or 1 to 15 minutes, 1 minute increments - Dose
Maximum: 9999 mg to 10 μ g, 10 μ g increments and 1mg, Programmable from 1 to 12 pm
- Management of Pressure: Adjustable up to 900 mmHg or 1100 depending on the driver used -
Controls: Dose maximum damage / obstruction / End of infusion - Syringes Selectable: 12 marks 50/60 cc and 20 cc - Purge flow: 1500 ml per hour maximum depending on the driver used.
Compliance: Complies with European Directives 94/42 EEC: CE0459 and 89/336/EEC -
Electromagnetic Compatibility: EN 60601.1 and EN 60601-2-24, sealing: IP34 (CE1529).

Specifications:

Power supply: 5.4 V to 7.2 V DC, 0.1 A / W 0.72 max - Power to the Master PCA provided by the driver pushes C, Pilot Anaesthesia 1 or 2. Their internal battery is allow about 4 hours of independent use.
Battery: 60 mAh, Ni Cd, Backup historical patient 2 months minimum.
Dimensions-Weight: H 135 mm - 370 mm L - P 240 mm / 1.9 kg.
The supplier should describe the disposables and accessories as it deems necessary.

LOT 9: REVALIDATION - REHABILITATION

Descriptive	Quantities
NOTE: Figures in parentheses () in the quantity column give the number of pieces of the subset of the item, which must be single digit as a whole.	
<p>Boxes and rooms for physiotherapy and rehabilitation which will be installed a series of treatment devices for the discipline.</p> <p>Item 9-1 - Electrotherapy</p> <ul style="list-style-type: none"> - Ultrasonic device for mixed frequency (1.5 MHz and 3 MHz). - Device for galvanic current. - Device low frequency current analgesic. - TENS pain relief and exitomoteurs. - Infrared lamp. - Short-wave device. - Centimeter-wave device. - Apparatus for paraffin. - Cryotherapy device - Vibrator percussion tangential. 	<p>1</p> <p>(3)</p> <p>(3)</p> <p>(3)</p> <p>(20)</p> <p>(10)</p> <p>(3)</p> <p>(3)</p> <p>(1)</p> <p>(1)</p> <p>(1)</p>
<p>Item 9-2 – Mechanotherapy</p> <ul style="list-style-type: none"> - Device type Itrace traction with traction table. - Table for standing. - Wheelchairs. - Crutches. - Crutches. - Tables of Bobath. - Tray FREIMAN. - Walking Parallel Bars. - Wall bars. - Cage pulley therapy. - Stools and chairs (each). - Lymphatic drainage device for lower limbs. - Lymphatic drainage device for upper limbs. - Kinétech. - Podoscope in raking light 	<p>1</p> <p>(5)</p> <p>(2)</p> <p>(10)</p> <p>(20)</p> <p>(20)</p> <p>(2)</p> <p>(4)</p> <p>(4)</p> <p>(2)</p> <p>(2)</p> <p>(10)</p> <p>(2)</p> <p>(2)</p> <p>(4)</p> <p>(2)</p>
<p>Item 9-3 – Gym</p>	<p>1</p>

- Mirror on wheels.	(2)
- Exercise Bike.	(2)
- Cycle ergometer.	(10)
- Treadmill.	(2)
- Ball KLEUN.	(2)
- Gymnastic mats.	(20)
- Games dumbbell from May to October kg.	(3)
- Games of elastic bands.	(10)
- Games musclets.	(3)
- Quadriiceps bench.	(6)

LOT 11: MORGUE - FORENSIC

Descriptive	Quantities
<p>Item 11 to 1: Table Lamp with autopsy exploration</p> <p>Autopsy table that facilitates the operation of the pathologist / coroner. The work plan will be built higher in one piece and seamless - Steel AISI 316 grade stainless - with a thickness of 10/15 mm - Polished and semi-satin -</p> <p>Sink 400 x 400 x 250 mm with fittings like gerontology - Water Cold / hot water - drain valve on one end of the work plan higher.</p> <p>Table with 5 stainless steel supports, sliding phones, preventing the body contact with the surface of the table - three ejectors forming a stream of water of water flowing in the body, without obstacles to the sink - Work Plan with edges along its perimeter, and a slight inclination of the slopes converge towards the sink, a mesh filter will be incorporated to facilitate the evacuation - shredder residue installed on the autopsy table - Work Plan suspended on a solid column Central AISI 304 stainless steel, square base 700 x 700 mm, cutting 40 x 40 mm and 1.5 mm thick - The center column will be with removable panels and controls Front - Inside, find the various connections bases, the connections, drains and the mill.</p> <p>Turret with suction device by Venturi system, hydraulic reversible - Shower pressure reached 2 - Base-pole with earth, watertight to connect a saw or other electrical appliance doctor Examiner - Dimensions of around 2700 x 800 x 800 mm (depth x width x height) - Polished and semi-gloss.</p> <p>Accessories: Desk with support for autopsy table stainless steel - table instruments mounted on stainless steel tube 25 mm Φ with direct support to autopsy table - finishing the table with plastic tips - Dimensions the order of 650 x 350 x 250 mm.</p> <p>Support Skull Autopsy, made of stainless steel - mesh basket stainless steel padded perimeter - Dimensions of about 280 x 280 x 135 mm.</p> <p>Lampe mobile exploration - surgical type without shadow - use Easy - The dome is equipped with three parabolic reflectors - with a system to absorb heat - With a cold light with total absence Shadow - Dome of facilitating its small size and flexibility of positioning movements - Each reflector is equipped with a 20 watt bulb with a life of about 1500 hours of use - In case of failure of a reflector, the other two continue to operate, providing a continuous light - with a</p>	<p>1</p>

<p>sterilizable handle in the middle of the dome - Luminous intensity of about 50 000 lux - Consumption x 20 3 W - Colour temperature 3200 K - Φ field operative 150/200 mm.</p>	
<p>Item 11-2: two-body mortuary</p> <p>Modular mortuary (panels) made of stainless steel tropicalised 304 - Front loading for two bodies with digital thermometer and regulation Automatic temperature control - cooling unit placed in the room with heater adjustable between 0 and 120 min, thawing the fridge every 15 minutes - The water resulting from this transaction will be drained through the chamber. System tray and two telescopic guides - Dimensions of about 885 x 1960 x 2400 mm (length x height x depth) - Power 1 kW.</p>	2
<p>Guides and stainless steel interior structures on sliding guides with telescopic nylon pads (size 2100 x 600 mm) - 2 stretchers slippery stainless steel - polystyrene insulation 60 mm thick - Interior light switch on the front panel - Digital thermometer on the front panel - Temperature set automatically by thermostat - Sockets for identification cards placed on doors to identify the bodies - Package trolley stretcher consists of a stainless steel AISI 304 - 2 lids higher - Support tubular structure with four rotating wheels - Dimensions of about 2.20 x 0.76 x 1, 31 m (depth x width x height).</p>	