

ΔΕΠΑΝΟΜ Α.Ε.
ΔΗΜΟΣΙΑ ΕΠΙΧΕΙΡΗΣΗ ΑΝΕΓΕΡΣΗΣ ΝΟΣΗΛΕΥΤΙΚΩΝ ΜΟΝΑΔΩΝ
ΠΟΛΥΔΥΝΑΜΟ ΠΕΡΙΦΕΡΕΙΑΚΟ ΙΑΤΡΕΙΟ ΣΚΥΡΟΥ

ΜΕΛΕΤΗ ΙΑΤΡΟΤΕΧΝΟΛΟΓΙΚΟΥ ΕΞΟΠΛΙΣΜΟΥ

- 1. ΠΙΝΑΚΑΣ ΕΙΔΩΝ ΚΑΙ ΠΟΣΟΤΗΤΩΝ**
- 2. ΤΕΧΝΙΚΕΣ ΠΡΟΔΙΑΓΡΑΦΕΣ ΕΙΔΩΝ**

ΜΑΡΤΙΟΣ 2013

Bill of Quantities

Project : SKYROS

Sorting : Item code

Item Code	Description	Qty	Price	Total Price EURO
B3A01	AUTOCLAVE, ELECTRIC, FLASH STERILISING	1	3.000,00	3.000,00
B3A04	AUTOCLAVE, STEAM STERILISING, SMALL CAPACITY	1	16.000,00	16.000,00
B6I00	TROLLEY, MORTUARY, ELEVATING	1	2.500,00	2.500,00
B8B01	REFRIGERATOR, DRUG STORAGE, FREESTANDING	1	2.000,00	2.000,00
B8E00	REFRIGERATOR, LABORATORY, FREESTANDING	1	2.000,00	2.000,00
B8F02	REFRIGERATOR, BODY STORAGE, 2 POSITIONS	1	13.000,00	13.000,00
C0B06	BED, HOSPITAL, SET	2	2.500,00	5.000,00
C0S00	STAND, IV, MOBILE	3	100,00	300,00
C0V00	SCREEN, BED MOBILE	3	150,00	450,00
C1K10	CABINET,STORAGE,OPERATING ROOM	1	1.800,00	1.800,00
C1M00	COUCH, EXAMINATION / TREATMENT	2	600,00	1.200,00
C1M02	STEPS, COUCH	4	130,00	520,00
C1M05	COUCH EXAMINATION, UROLOGY/GYNAECOLOGY,ELECTRIC	1	2.000,00	2.000,00
C1N01	CHAIR, BLOOD SAMPLE TAKING	1	400,00	400,00
C1Q01	SAW, PLASTER CAST, ELECTRIC	1	1.000,00	1.000,00
C1U01	SCALES, PLATFORM, WITH HEIGHT MEASURE	2	350,00	700,00
C2B08	DEFIBRILLATOR, PACEMAKER CAPABILITY, BIPHASIC	1	12.000,00	12.000,00
C2B09	DEFIBRILLATOR, AUTOMATIC	1	4.000,00	4.000,00
C2C00	BAG, RESUSCITATION, ADULT	2	250,00	500,00
C2C01	BAG, RESUSCITATION, PAEDIATRIC	1	250,00	250,00
C2L00	DIAGNOSTIC, SET	2	1.000,00	2.000,00
C2P10	NON INVASIVE BLOOD PRESSURE/ PULSE RATE/ OXYMETER	1	1.300,00	1.300,00
C2P11	ANEROID SHYGMOMANOMETER, ADULT, PORTABLE	2	120,00	240,00
C2P12	ANEROID SHYGMOMANOMETER, PAEDIATRIC, PORTABLE	1	120,00	120,00
C2P15	ANEROID SHYGMOMANOMETER, MOBILE	1	200,00	200,00
C2T00	STETHOSCOPE, DIAPHRAGM	4	80,00	320,00
C3A00	TROLLEY, DRESSING/INSTRUMENT, SMALL	1	250,00	250,00
C3A01	TROLLEY, DRESSING/INSTRUMENT, MEDIUM	2	300,00	600,00
C3I01	TROLLEY, MEDICATION/DRESSING	1	1.800,00	1.800,00
C3I04	TROLLEY, EMERGENCY RESUSCITATION	1	5.000,00	5.000,00
C3I10	TROLLEY, OUTPATIENT	2	1.000,00	2.000,00
C3L01	SUCTION APPAR., ELECT., PORTABLE, H.V., S.J.	2	800,00	1.600,00

Bill of Quantities

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Item Code	Description	Qty	Price	Total Price EURO
C3R00	TROLLEY, PLASTER	1	1.300,00	1.300,00
C3W00	STAND, BOWL, SINGLE	1	250,00	250,00
C4G00	PUMP, INFUSION, VOLUMETRIC	1	2.000,00	2.000,00
C4J01	LAMP, EXAMINATION, ADJUSTABLE, WALL	2	700,00	1.400,00
C4L01	TENT, MIST / OXYGEN	1	1.500,00	1.500,00
C5N00	TROLLEY, PATIENT, EMERGENCY	2	2.000,00	4.000,00
D3M04	WHEELCHAIR, FOLDING, ADULT	2	500,00	1.000,00
E0G00	FLOWMETER & REGULATOR,O2 CYLINDER+HUMID.	1	300,00	300,00
E0K00	TROLLEY, CYLINDER	1	200,00	200,00
E0P10	VENTILATOR, PORTABLE, EMERGENCY	1	9.000,00	9.000,00
E2A08	STRETCHERS, SURGICAL	1	7.000,00	7.000,00
E2J00	KICKABOUT, BUCKET	1	200,00	200,00
E2L00	TABLE, OVER, INSTRUMENT	1	600,00	600,00
E2Q00	LAMP, OPERATING, MOBILE, MINOR	1	6.700,00	6.700,00
E3J02	ELECTROSURGICAL UNIT	1	6.000,00	6.000,00
E4H04	MONITOR, PORTABLE	1	5.000,00	5.000,00
E4K01	MONITOR, ANTE-NATAL, CARDIOTOCOGRAPH	1	1.500,00	1.500,00
E5B00	ECG RECORDER, MULTI-CHANNEL, MOBILE	2	5.500,00	11.000,00
E5B01	ECG RECORDER, THREE-CHANNEL, MOBILE	1	2.000,00	2.000,00
E6A99	INSTRUMENTS SETS	1	5.000,00	5.000,00
G0C00	STOOL, EXAMINATION	2	120,00	240,00
G5A00	DENTAL SURGERY UNIT, COMPLETE	1	22.000,00	22.000,00
G5E00	AMALGAMISER, DENTAL	1	800,00	800,00
G5F00	CLEANER, ULTRASONIC, DENTAL	1	1.000,00	1.000,00
H0A03	X-RAY UNIT, GENERAL,FLOOR MOUNTED WITH BUCKY	1	70.000,00	70.000,00
H0S14	BENCH, PLASTER	1	2.200,00	2.200,00
H1A00	APRON, LEAD	1	150,00	150,00
H2F00	AUTOMATIC FILM PROCESSOR	1	7.500,00	7.500,00
H3A01	ILLUMINATOR, X-RAY, WALL MOUNTED, DOUBLE	4	300,00	1.200,00
H3A02	ILLUMINATOR, X-RAY, WALL MOUNTED, MULTIP	1	1.000,00	1.000,00
H6B08	TRANSPORTABLE ULTRASOUND SYSTEM	1	22.000,00	22.000,00
I1D05	PROTHROMBINE TIME METER	1	800,00	800,00

Bill of Quantities

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Item Code	Description	Qty	Price	Total Price EURO
I2A00	CENTRIFUGE,GENER. PURPOSE,SMALL CAPACITY	1	3.000,00	3.000,00
I4A01	MICROSCOPE, GENERAL PURPOSE	1	4.500,00	4.500,00
I5A00	PIPETTE, AUTOMATIC, FIXED VOLUME SET	1	180,00	180,00
I5B00	PIPETTE, AUTOMATIC, VARIABLE VOLUME, SET	1	450,00	450,00
I5O00	STIRRER, MAGNETIC, HOTPLATE	1	1.000,00	1.000,00
I5X00	STOPWATCH	2	40,00	80,00
I6B00	STOOL, LABORATORY	6	150,00	900,00
I6L01	GLUCOSE METER, PORTABLE	1	600,00	600,00
I7A04	WASHER, GLASSWARE, AUTOMATIC,SMALL CAPACITY	1	750,00	750,00
S1D01	STEILISATION BASKETS, WALL MOUNTED	1	1.000,00	1.000,00
		107		291.350,00

Equipment Specifications

Project : SKYROS

Item	Description
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B3A01 AUTOCLAVE, ELECTRIC, FLASH STERILISING

Fully automatic, electrically operated tabletop autoclave, with built-in steam generator, Class B according to norm 13060. At least 5 sterilization programmes at 134° and 121° C. Programms for wrapped and unwrapped items. Fast (flash) 10 min. sterilisation time at 134°C. Microprocessor controlled working and diagnostic cycles. Digital displays of set parameters. Vacuum phase before and after sterilization phase. Protection of the steam generator from absence of water. Bacterial filter. Integrated printer for recording sterilization parameters. AISI 304 stainless steel chamber, capacity approx. 15 lit. Complete with 4 instrument trays. No need for central water supply and drainage.

B3A04 AUTOCLAVE, STEAM STERILISING, SMALL CAPACITY

Fully automatic, electrically operated tabletop autoclave, with built-in steam generator, Class B according to norm 13060. At least 5 sterilization programmes at 134° and 121° C. Programms for wrapped and unwrapped items. Fast (flash) 10 min. sterilisation time at 134°C. Microprocessor controlled working and diagnostic cycles. Digital displays of set parameters. Vacuum phase before and after sterilization phase. Protection of the steam generator from absence of water. Bacterial filter. Integrated printer for recording sterilization parameters. AISI 304 stainless steel chamber, capacity approx. 18 lit. Complete with 4 instrument trays. No need for central water supply and drainage.

B6I00 TROLLEY, MORTUARY, ELEVATING

Metal construction, mobile, mounted on four castors, with foot operated braking system. Height adjustable, hydraulic operation. Lifting capacity approx. 180 kg. Size approx. 2000l x 600w. To be compatible and accomodate item - Refrigerator, body storage.

B8B01 REFRIGERATOR, DRUG STORAGE, FREESTANDING

Capacity of approx. 360 ltrs. Temperature range, approx., +2°C to +8°C. With double glazed-glass door. Silent compressor CFC-free. Forced air refrigeration. Digital display. Audible-Visual alarms. with cold-saving drawers, shelves and racks.

B8E00 REFRIGERATOR, LABORATORY, FREESTANDING

Capacity approx. 200 litres. Stainless steel interior surfaces. Four adjustable shelves. Approx.temperature range 1° to 4°C. With automatic defrost and internal light. Digital temperature display.

B8F02 REFRIGERATOR, BODY STORAGE, 2 POSITIONS

Stainless steel construction. Two tier to accommodate 2 cadavers in 2 separate cells. Self contained unit refrigeration system. Digital thermometer mounted on front panel with Temperature Alarm set for high and low temperatures, audio visual. Removable mortuary trays. To be provided with remote alarm system.

C0B06 BED, HOSPITAL, SET

Three sectioned bed. Back section adjustment (from the horizontal to 70° at least) with gas spring. Adjustment of leg section by means of tooth rack. Trendelenburg and anti-trendelenburg positioning at least 12° by gas-spring. Easily removable head and foot frames and panels. Mattress platform mesh detachable. Provision to enable positioning of infusion pole at each corner. 4 swivel, antistatic castors, one of them guiding, diameter 15 cm at least, with central brake system. Approx. mattress platform dimensions 200 cm X 90 cm. Approx. height adjustment 45 - 85 cm. Construction: Base, bed frame and mattress platform frame made of steel tube, zink plated and electrostatically painted with epoxy-polyester powder. Mattress platform mesh made of steel rods, ° 5mm approx.,zink plated and electrostatically painted. Head and foot frames made of steel tube, chrome plated without sharp edges. Head and foot panels made of laminated plastic. Bed sections articulated joints especially designed for linen protection. Accessories: 4 PVC wall protecting buffer wheels. Infusion pole, with at least two hooks, in chrome-plated steel. Stainless - steel chart holder, with spring clip for documents. Complete with flame retardant, multi-sectioned mattress, number of sections compatible with bed sections number. Made of polyester foam, density approx. 35 kg/m3, inclosed in cotton (80% at least) textile, with zip in the middle of small mattress side. Complete with overall mattress cover, washable up to 95°C, antista tic, flame retardant, impervious, antibacterial. Cover to incorporate special mesh to enhance its durability and zip in the middle of small mattress side. Mattress height at least 12 cm. Dimensions compatible with bed dimensions.

Two way drawer with pull-out container, washable and disinfectable. Cupboard with one removeable and height adjustable shelf, twin bottle holder, 4 swivel castors, 50 mm approx., with brake system. Approx. cabinet dimensions 55 X 45 X 80h cm. Whole cabinet frame of strong polymer construction easy to clean and disinfect.

Complete with separate mobile overbed table with 'U'-shaped tubular steel base, chrome plated. Design should permit the parking of the table top above the bedside cabinet unit.

Durable plastic table with edges, approx. 60x35x2cm
4 wheel castors d50mm two of them with brakes
Smooth and secure height adjustment approx 85 - 110cm by means of a handle

Equipment Specifications

Project : SKYROS

Item	Description
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C0S00 STAND, IV, MOBILE

Height adjustable 120-220 cm, wide stance base with 5 swivel castors. Double hook rod, including positive stop to avoid disengagement from base rod and locking device. Stainless steel construction.

C0V00 SCREEN, BED MOBILE

Metal framed, three to four sectioned mobile screen on castors, with tracks for attaching curtains. Height approx. 180 cm.

C1K10 CABINET, STORAGE, OPERATING ROOM

Freestanding stainless steel cabinet.

Construction of heavy gauge Stainless Steel, type 304, heli-arc welding & spot welded modular assembly.

With full length door hinges, nylon roller door catches, chromium plated brass wire pulls.

2 Glass doors with 1/4" tempered double strength safety glass.

3 Stainless Steel shelves height adjustable.

Smooth interior, obstruction free, for easy cleaning.

Dimensions approx. 90x43x180 wxdxh cm.

Note: Instead of stainless steel, other durable corrosion-resistant polymer compounds materials can be alternatively offered.

C1M00 COUCH, EXAMINATION / TREATMENT

Two sectioned, heavy duty, couch. Back rest adjustable by means of tooth rack or other suitable mechanism. Upholstered vinyl pad, built-in examination paper roll holder at head of couch. Tubular steel frame, chrome plated. Size approx. 190l x 65w x 75h cm.

C1M02 STEPS, COUCH

Single step on four legs with anti-slip feet. Metal construction with rubber anti-slip insert to step. Approx. height 25 cm.

C1M05 COUCH EXAMINATION, UROLOGY/GYNAECOLOGY, ELECTRIC

3 -section chair for carrying out gynaecological/urological treatments in sitting as well as in lying position.

Electrical motors for seat height adjustment (60-100cm), back rest inclination (+70°) and Trendelenburg inclination (+/- 15°) with foot pedal.

Construction made out of steel tubes covered with powder coating. The seat, back rest and leg rest sections made from polyurethane foam and covered with

seamless upholstery high quality artificial leather, which is easy to clean and disinfect.

Total length with leg plate: approx. 1800 mm

Seat width: 600 mm

To include:

- pair of Goebel knee crutches, fully adjustable with ball & socket joint, PUR foam padded.
- S/S bowl
- pair of hand rests
- Holder for paper sheet roll

C1N01 CHAIR, BLOOD SAMPLE TAKING

Padded vinyl chair, with reclining back, and padded armrests and arm supports for blood taking. Frame made of tubular steel, chrome plated.

C1Q01 SAW, PLASTER CAST, ELECTRIC

Hand held oscillating plaster saw with cast vacuum pumps to cut the plaster and to collect the dust from the cutting

SAW

Low noise

Double insulated complete with cable.

With vacuum housing.

CAST VACUUM

Cast vacuum pump with power switch with at least low, medium and high settings.

Capacity of at least 6 lt.

Complete with both mobile stand and wall mounted stand.

Complete with 3 types of blades and a set of bags.

Equipment Specifications

Project : SKYROS

Item	Description
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C1U01 SCALES, PLATFORM, WITH HEIGHT MEASURE

Platform scales, electronic. Capacity approx. 180 kg in 50 g calibrations. Platform size approx. 37 x 28 cm. With nonslip tread. With height measure from 80 cm to 2.5m.

C2B08 DEFIBRILLATOR, PACEMAKER CAPABILITY, BIPHASIC

"G.D.
 Portable defibrillator, microprocessor controlled with pacemaking capability included.
 Form of shock: biphasic, escalating variable energy.
 O.F. / O.C.
 1.Mains and battery (rechargeable) operated. 50 max-energy shocks or min of 4hours ECG monitoring.
 2.Manual, cardioversion and ECG synchronized operation modes. Autosequence mode
 3.Display of ECG and optionally SpO2 through paddles or electrodes .Also display of HR, available energy. Color screen 5,5" size at least
 4.Charge time in 200J max 5sec
 5.Energy : 0 - 270 Joules
 6.Event summary
 7.Paddles: Standard paddles with manual or auto recording button, for adults and pediatrics. Supplied with long paddle cord.
 8.Charge/ready indicators.
 9.External pacemaker with self-adhesive defib/pace electrodes. Pace rate from 30 -180 bpm and 0-140 mA pulsed current.
 10. Impedance compensation
 11.Thermal printer for recording the displayed parameters.
 12. Memory for min 40 events archiving with date/time data"

C2B09 DEFIBRILLATOR, AUTOMATIC

Portable AED defibrillator, with Greek voice commands/instructions.
 Biphasic technology. ECG display and event storage memory.
 Capable of connection to PC or laptop for data transfer.
 Complete with battery, storage case and a pair of electrode pads.

C2C00 BAG, RESUSCITATION, ADULT

For all age groups over 10 years of age. Manually operated resuscitation bag, capacity approx. 1.5lt, vinyl constructed. Side oxygen inlet with non-rebreathing valve. With range of autoclavable face masks.

C2C01 BAG, RESUSCITATION, PAEDIATRIC

For children of 18 months to 10 years of age. Manually operated resuscitation bag, capacity approx. 0.5lt, vinyl constructed. Side oxygen inlet with non-rebreathing valve. To have safety valve for pressures greater than 35 cm H2O. With range of autoclavable face masks.

C2L00 DIAGNOSTIC, SET

Set to consist of one halogen illumination handle, one angled laryngeal mirror,one ophthalmoscope,one auriscope and one tongue blade holder. Handle to be lightweight metal with durable non-slip finish and on/off switch. Auriscope to have swing over focusing lens. To be offered with range of speculae, at least 2 to 5 mm. Ophthalmoscope to have refraction errors compensation between +20D and -20D with finger tip slide. Aperture control disc with eccentric fixation detector, macular beam and wide-angle beam. To be offered with case.

C2P10 NON INVASIVE BLOOD PRESSURE/ PULSE RATE/ OXYMETER

Standard non invasive blood pressure (NIBP) as well as pulse rate and MAP
 Includes pulse oximeter, thermometer and internal printer
 Simple programming, a large digital display and display of the plethmographic waveform.
 Uses the oscillometric method to determine systolic and diastolic pressure, mean arterial pressure and pulse rate with dual hose technology.
 Approved by the manufacturer for use in hypertensive and hypotensive patients. Incorporates special motion artifact rejection software to reject patient movement.
 Includes automatic blood pressure mode, blood pressure mode, programmable alarms, and built in memory.
 Standard RS-232 computer interface for uploading patient data to your network or PC.
 12V DC input. Battery operated
 Supplied with dedicated mobile stand.

C2P11 ANEROID SHYGMOMANOMETER, ADULT, PORTABLE

Aneroid sphygmomanometer, bulb operated. Calibrated from 0-300mm Hg. Complete with adult velcro closing cuffs and box.

C2P12 ANEROID SHYGMOMANOMETER, PAEDIATRIC, PORTABLE

Aneroid sphygmomanometer, bulb operated, table top type. Calibrated from 0-300mm Hg. Complete with adult velcro closing cuffs and box.

Equipment Specifications

Project : SKYROS

Item	Description
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C2P15 ANEROID SHYGMOMANOMETER, MOBILE

Aneroid sphygmomanometer, bulb operated. Calibrated from 0-300mm Hg. Complete with adult velcro closing cuffs and purpose made heavy-duty 5-wheel base stand, height-adjustable.

C2T00 STETHOSCOPE, DIAPHRAGM

Suitable for both adult and paediatric use. Fiber glass reinforced diaphragms, soft ear pieces and adjustable bi-aurals. Complete with spare diaphragms and spare ear pieces.

C3A00 TROLLEY, DRESSING/INSTRUMENT, SMALL

Tubular stainless steel frame with two fixed stainless steel shelves and swivel castors. Size approx. 850h X 500w X 500d mm.

C3A01 TROLLEY, DRESSING/INSTRUMENT, MEDIUM

Tubular stainless steel frame with two fixed stainless steel shelves and swivel castors. Size approx 850h X 750w X 500d mm.

C3I01 TROLLEY, MEDICATION/DRESSING

Dressing-Medication trolley, complete with drawers.Strong polymer construction easy to clean and disinfect. Two drawers approx 10 cm deep with internal dividers .Three drawers approx. 15cm deep with internal dividers.. Scratch-resistant top surface, moulded with 3-sided raised rim.Rim height approx 1cm. Push handle. Castors 125mm with 2 brakes and bumpers. Approx. dimensions: 900w x 600d x 950h mm.

To include the following accessories:

- Syringe/canoula dispenser with 10 compartments (first in- first out dispensing)
- side retractable writing tray
- Support for plastic litter box
- Refuse collector approx 15 lit with plastic bag
- Ampoule opener
- 2-3 accessory trays rail mounted

C3I04 TROLLEY, EMERGENCY RESUSCITATION

Overall dimensions approx. 900w x 600d x 950h mm. Complete with lockable drawers.Strong polymer construction. 4 drawers approx. 15cm with internal dividers. Scratch-resistant top surface, moulded with 3-sided raised rim. Rim height approx 1cm. Push handles. Castors 125mm with 2 brakes and bumpers.

To include the following accessories:

- Rotating defibrillator tray
- Oxygen bottle holder
- Support for plastic litter box
- Height adjustable infusion pole
- Cardiac board
- Retractable writing tray
- Refuse collector approx 15 lit with plastic bag

C3I10 TROLLEY, OUTPATIENT

Overall dimensions approx 700x600x850h mm. Strong polymer construction. Four drawers approx 15cm deep with internal dividers. Antistatic castors 125mm

with 2 brakes. Scratch-resistant top surface, moulded with 4 sided raised rim. Push handles. Bumper protection around the trolley.

To include the following accessories:

- Syringe and canoula dispenser (at least 8, different size, plastic boxes)
- Ampoule opener
- Plastic litter box
- Refuse collector with plastic bag
- Accessory rail

Equipment Specifications

Project : SKYROS

Item	Description
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C3L01 SUCTION APPAR., ELECT., PORTABLE, H.V., S.J.

Totally enclosed oil free vacuum pump. Features to include :

- operating indicator light.
- protection against accidental aspiration of fluids inside the pump
- vacuum range 0-635 mm Hg approx., clear vacuum gauge, sensitive vacuum regulating valve
- suction capacity approx. 35 lt/min
- bacterial filter at the entrance of the apparatus, carrying handle.
- graduated 1lt suction jar with overload cut out, overflow phial with additional overflow protection.
- tubing and probe
- all parts in contact with the secretion autoclavable

C3R00 TROLLEY, PLASTER

Approx. 850h X 950w X 600d mm. 18/10 stainless steel top and extension shelf(50x55cm). Fitted with 1 drawer approx 25cm deep. Rest of drawers approx 15cm deep. Antistatic castors 125mm with 2 brakes. To include the following accessories:

- Plastic basin mounted on the side
- Refuse collector with plastic bag

C3W00 STAND, BOWL, SINGLE

All stainless steel, tubular frame with single basin ring, removable solution basin (approx 6 lts capacity) 5 swivel anti-static castors. Height, approx., 800 mm.

To include spare basin.

C4G00 PUMP, INFUSION, VOLUMETRIC

Microprocessor controlled portable, dual AC/battery operated unit.

Digital display of set values, flow rate and total volume infused. K.V.O function to keep the infusion route open after the completion of scheduled infusion.

Memory of data in case of a temporary interruption. Adjustable infusion pressure limits. Programmable for automatic secondary infusion. Free flow protection, activated even with door open.

Built in rechargeable battery, automatically charged during AC operation. The unit must automatically switch to battery operation mode if AC power supply should fail.

Complete with mounting device for item I.V. pole.

Operation characteristics (approximately):

Flow rate setting range: 0,1-999,9 ml/hr in 0,1 ml/hr increments.

Accuracy \pm 5% .

Total volume setting range: 0,1 - 9999 ml in 0,1 ml increments.

Adjustable KVO rate

Adjustable Infusion pressure in at least three levels.

Automatic bolus reduction after occlusion release

Audible and visual alarms in the following cases: End of infusion, internal malfunction, flow error, door open, air in line, occlusion, empty container, low battery.

Capable of being connected to a specific stand, capable of holding and supplying electricity to at least six apparatus. Capability of central operation management together with syringe pumps.

C4J01 LAMP, EXAMINATION, ADJUSTABLE, WALL

Light intensity up to 20.000 lux. in 1m distance. Color temperature more than 4000°K. Light field diameter up to approx. 20cm. in 1m distance. Double jointed

arm, radius more than 130cm from wall, height adjustment approx. 1m. Lamp head adjustable horizontally and vertically. Built in transformer and control elements.

C4L01 TENT, MIST / OXYGEN

To be suspended over a patient's bed to provide cool mist aerosol therapy, high humidity environment and oxygen therapy. Cooling system to provide a temperature at least 8° C below ambient. To include nebulizer with a reservoir capacity of 1500cc at least and an output of approx. 5cc/min, using distilled water.

Max O2 concentration 50% approx. To include O2 regulator and flowmeter. Canopy of clear plastic, reusable, fully closed, with 4 zippered openings. All parts

must be autoclavable or cold sterilisable except canopy which must be disinfectable. To include a grounding strap in order to avoid accumulation of static electricity.

C5N00 TROLLEY, PATIENT, EMERGENCY

Variable height, from approx. 65 - 90 cm, controlled by foot operated oil-dynamic hydraulic pump. Gas-spring assisted trendelenburg and anti-trendelenburg

tilt (at least up to 12° and 6° respectively) and upward tilt of back section, up to 70° . Radiotranslucent platform, with sliding cassette tray, movable along full

length. PVC, wall protecting buffer rail. Anti-static rubber mattress, 10cm thick, washable and sterilisable, with radiotranslucent foam insert and retaining hooks to secure mattress to platform. On four antistatic swivel castors, with simultaneous braking system, one of them to be guiding wheel. Diameter of the

wheels 20 cm. Sliding siderails, self locking in the raised position. Complete with oxygene cylinder cage, double hook infusion pole with receiving sockets at

each corner, utility tray and storage tray. Overall dimensions approx 205 x 70 cm (l X w). Trolley frame made of tubular steel, 2mm thick approx., zink plated and electrostatically painted with epoxy polyester powder.

Equipment Specifications

Project : SKYROS

Item	Description
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D3M04 WHEELCHAIR, FOLDING, ADULT

Tubular steel frame with chrome finish, folding design. Padded seat, backrest and arms, vinyl upholstery. Adjustable footrests, push hand-les, front swivel castors, brakes. Seat size approx 48 x 48 cm. To include a S/S IV pole with 2 hooks mounted on special holding device.

E0G00 FLOWMETER & REGULATOR,O2 CYLINDER+HUMID.

To fit oxygen cylinder. Incorporating reducing valve, cylinder content gauge. Flowmeter graduated in litres per minute at 1 litre intervals. Adjustable flow range 0-15 lt/min. With adaptor to fit humidifier and detachable, autoclavable humidifier. Complete with and spanner.

E0K00 TROLLEY, CYLINDER

To hold cylinders up to 180 mm diameter. Tubular steel frame with stove enamel or epoxy resin finish. Mounted on two 100 mm diameter wheels. With bar or chain restraining device. Complete with 5lit O2 cylinder.

E0P10 VENTILATOR, PORTABLE, EMERGENCY

Volume constant, time cycled ventilator, for controlled ventilation.
 Modes of operation : Control, Assist control, SIMV, PSV, CPAP. Possibility of adjustable PEEP ventilation and pressure limitation.
 Blender for adjustment of oxygen concentration values between at least 40% and 100%.
 Airway pressure gauge. Monitoring of Ppeak, Pmean, PEEP, Flow, Tinsp, Frequency.
 Internal rechargeable battery for at least 4 hours of operation.
 Complete with carrying strap, portable cylinder support, O2 pressure reducer and 2L oxygen cylinder.

E2A08 STRETCHERS, SURGICAL

Stretcher Surgical

The stretcher unit is to be used within the operating department as well as to transfer patient within the hospital.
 Hydraulic system (dual sided foot control), and manual cranks for upward tilt of back section up to approx. 90°, and for knee gatch 0 - 30°.
 The stretcher should undergo trendelenburg/reverse trendelenburg of +18°, even in case where the stretcher is lowered to its minimum height position.
 Patient surface dimensions approx. 1,90m length 0,65m width
 The stretcher's height should vary between approx 50 to 90 cm.
 The stretcher should have collapsible side rails
 Maximum weight capacity at least 200 kg
 The patient surface should be completely radio translucent and designed in a way to allow C-Arm to be utilised.
 Should have PVC roller bumpers at its corner
 The stretcher should be mounted on four large anti static castor wheels that include braking facilities The brakes are to be activated through means of a foot lever located at both ends of the stretcher.
 Should also have a retractable fifth wheel steering.
 Integrated storage tray with oxygen bottle holder.
 Antistatic, washable mattress approx. 8-10 cm thick.
 Platform and frame should be made of a durable epoxy coating or any other type of resilient synthetic material or special rigid alloy, plated and electrostatically painted capable of resisting chemical disinfection and mechanical shocks.

E2J00 KICKABOUT, BUCKET

Removable seamless stainless steel pail, with handle. Carriage mounted on four anti-static swivel castors. Capacity approx. 10 lts.

E2L00 TABLE, OVER, INSTRUMENT

Adjustable height from approx. 750mm to 1400 mm. Stainless steel construction. Tray dimensions approx. 650 X 450 mm. Base with four anti-static castors.
 Height adjustment by foot pedal operated hydraulic pump.

E2Q00 LAMP, OPERATING, MOBILE, MINOR

Single bulb configuration. Color temperature more than 4000°K. Light intensity up to 40.000 Lux at 1m distance. Light field diameter up to approx. 20 cm at 1m distance. Depth of uniform illumination at least 40cm. Temperature increase in the light field less than 12°C. Color rendering index Ra>92.
 Built in transformer and control elements. 5-leg stand on antistatic swivel castors, with break system. Height adjustment more than 50cm, overall height approx. 170cm. Lamp housing and stand to have smooth surfaces, easy to clean and to disinfect.
 To comply with IEC 60601-2-41 RULE.

Equipment Specifications

Project : SKYROS

Item	Description
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E3J02 ELECTROSURGICAL UNIT

Until for Monopolar Cutting/Coagulation and Bipolar coagulation. Activated by handswitch and footswitch. Digital display of preset power. Neutral electrode impedance monitoring.

Power characteristics:

Cutting: min, 175W

Monopolar coagulation: min 80W .

Bipolar coagulation: min 70W .

Complete with the following accessories:

- Ground cable with disposable pads.
- Pedal foot switch, for all the modes of monopolar and bipolar operation, suitable for operating rooms.
- Electrode handles, controlled by footswitch and hand switch, suitable for all operation modes.
- All necessary connection cables, approx.3m long.
- Knife electrode.
- Lancette electrode, straight
- Diathermy forceps, cm21.
- Wire loop electrode.
- Special purpose cart to hold the diathermy.

E4H04 MONITOR, PORTABLE

G.D. Microprocessor controlled minimum of four (4) channels, for transport use.

O.C.

1. Waveform display & digital readout of selected parameters. Second ECG channel possible
2. Measuring parameters-waveforms: ECG \ HR \ NIBP \ SaO2 \ T \ Resp\CO2
3. High resolution color display, min 10 "
4. Battery for 2 hr

O.F.

1. Trend period selectable: 1-24hr at least with 1min resolution. Capability of trend review of previous patient
2. Processing-evaluation of various parameters-indexes
3. Analysis of recorded parameters (arrhythmia analysis on 2 ECG leads simultaneously at least, etc).

ALARMS : Presetable / Programmable medical alarms, min in 3 levels, and also technical alarms.

SAFETY / FILTERING

1. Electrical safety protection of patient (IEC 601-1 standard)
2. Protection against defibrillation (R/F protection)
3. Special filtering to avoid electromagnetic artifacts (EN 60601-1-1-2)
4. Freeze capability and event view of frozen waveform
5. 3 different sweep speeds for monitored waveforms

ACCESSORIES Cables and reusable accessories for all parameters. Rail mounted monitor shelf with length of support arm approx. 350mm with tilt and swivel function.

INTERFACE

Capable of Ethernet (cable or wireless) networking for data processing and communication with Central Stations

E4K01 MONITOR, ANTE-NATAL, CARDIOTOGRAPH

G.D.

Antepartum foetal monitor for the measuring of foetal HR (FHR).

O.F./O.C.

FHR measured by Ultrasound and uterine activity monitored by external toco transducer. Digital display of HR in the range of 50-210 BPM.

Including :high resolution thermal printer, external toco transducer, watertight ultrasound transducer of minimum 7 crystals , mobile cart, transducers holder.

Self test capability

E5B00 ECG RECORDER, MULTI-CHANNEL, MOBILE

Twelve channel ECG recorder for simultaneous acquisition of up to 12 leads at least.

O.F./O.C.

- Real time continuous recording of 12 channels
- Color LCD display of six or twelve -ECG format to be selectable
- Software for ECG measurement and interpretation. Arrhythmia extended recording. Memory for min 40 ECG's.
- Able to communicate with Cardiology Clinical Information system for 12 lead ECG transmission (The same system for CCU monitors)
- Automatic/manual operation modes.
- Digital recorder with selectable presentation of simultaneous recordings. Printing of all channels on a A4 page.
- Mobile cart of same manufacturer
- user manual measurements

-Rechargeable batteries for approximately 40 ECG's.

ACCESSORIES

Power cord, electrodes, 100 sheets of paper. ECG cables with individually replaceable leads, special purpose cart with arm for holding lead wires.

Equipment Specifications

Project : SKYROS

Item Description

E5B01 ECG RECORDER, THREE-CHANNEL, MOBILE

G.D.
 Three channel ECG recorder
 O.F./O.C.
 -Real time continuous recording of 3 channels
 -Automatic/manual operation modes
 -Digital recorder with selectable presentation of simultaneous recordings.
 -Mobile cart
 -Rechargeable batteries for approximately 40 ECG's.
ACCESSORIES
 Power cord, electrodes, 100 sheets of paper. ECG cables with individually replaceable leads, special purpose cart with arm for holding lead wires.

E6A99 INSTRUMENTS SETS

OUTPATIENT SUTURE SET QNTY 2

1. OPERAT.SCS. 11,5CM STR. SH/SH	x 1
2. TISSUE FORCEPS 14,5CM 1X2	x 1
3. MOSQUITO FCPS. 12,5CM STR.	x 1
4. CRILE-WOOD NEEDLEHOLDER 15CM	x 1

OUTPATIENT SUTURE REMOVAL SET QNTY 2

1. SPENCER STITCH SCS. 13CM STR.	x 1
2. ADSON DRESSING FORCEPS 12CM	x 1
3. ADSON TISSUE FORCEPS 12CM 1X2	x 1

G0C00 STOOL, EXAMINATION

Tubular metal frame, upholstered seat and back rest. Height adjustable, approx. 40-60 cm, gas spring operation. Rotation through 360°. Seat with adjustable back rest. To be wheel moved.

G5A00 DENTAL SURGERY UNIT, COMPLETE

Dental surgery unit consisting of:

1. Dental chair, 3 sectioned, electrohydraulic operation. With removeable articulated head rest (up-down and forward-backward movements), back tilt and height adjustment. Rotation of chair- back in synchronisation with leg support and automatic return in the initial position. Chair upholstered, in impermeable washable material. Chair functions through integrated control panel as well as through foot switch.
2. Dental operating light, height adjustable, shadow free, chair mounted. Cold light technology, with transformer and halogen lamp, adjustable to more than 25.000 Lux. Color temp. >4500K
3. X-ray dental unit with approx. 70 kV generator, cylindrical type collimator. To include a compact small digital radiography CMOS sensor for image capture. Sensor total dimensions approx. 35x25mm. Thickness < 7mm. S/N ratio better than 100:1. To be connected to a 15" laptop computer via USB port. Computer to have a special dental software for image processing and storage. Radiation protection study, approval procedure of the study and installation of the necessary radioprotection panels, according to the study, are included in the supply.
4. Module for dental surgeon, chair mounted, with instrument cabling overhanging from the unit. Incorporating a) 2 air-turbine angle handpieces b) 2 micromotors with one angle and one straight handpiece c) ultrasonic scaler with power & water control, handpiece and footswitch d) 3 in 1 syringe air motor e) instrument holder with stainless steel tray f) X-ray film viewer with viewing area of 115X65 mm.
5. Cuspidor with integrated assistant module incorporating a) 3-position autoelectric holder b) high vacuum evacuator c) air/water saliva ejector e) 3 in 1 syringe air motor f) spittoon complete with tumbler filler, spittoon flush, spittoon bowl.
6. Suction Unit and air compressor unit.
7. Dental Surgeon's and assistant's stool.
8. Photopolymerization lamp. Wavelength range 400-500 nm with 3 different settings.
9. Complete with purpose made bench with sink, approx. 4m long either straight or placed at the corner according to final room layout. Underbench cupboards and drawers with different heights, as well as wall mounted cupboards suitable for storage of dental instruments and apparatus. Strong polymer rust-free construction with antibacterial properties and suitable for cleaning with strong disinfectants.

Bench top approx 25mm thick made from corian with integrated sink.
The whole unit is manufactured by specialised manufacturer.

Equipment Specifications

Project : SKYROS

Item	Description
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G5E00 AMALGAMISER, DENTAL

High capacity hopper. "Wet and dry" calibration to allow alteration of mixture consistency. Single or double shot mixing. Complete mixing in approx. 10 seconds.

Repeat mixing. Size approx. 20h x 12w x 20d cm.

G5F00 CLEANER, ULTRASONIC, DENTAL

Lightweight, one piece, transistorised cleaning stainless steel bath. Approximate capacity 2.2 lts. Automatic tuning, single knob control, integral timer. Complete Complete with lid and accessories. Dimensions appr. 25h x 31w x 20d cm.

H0A03 X-RAY UNIT, GENERAL,FLOOR MOUNTED WITH BUCKY

G/D

Complete X-ray system for universal radiographic examination of patient

O/F,O/C

1.X-ray GENERATOR

Microprocessor controlled, high frequency converter type. Capable of APR, AEC with digital indication of parameters. Electronic timer.

Power 60 kW with automatic line compensation with falling load technique and free settings technique. KV range: 40 - 150 KV, mA range to mamimum about 600 mA, time range: 1 ms -4 sec, load min 620 mAs.

To include self-diagnosis system , storage of error messages and service error indications.

Digit display of total area dose of exposures.

2. X - ray TABLE

X-ray oscillating bucky table. Floating table top, height adjust- able. Electromagnetic brakes.With longitindunal & lateral movement.

To accept film cassettes from13x18 cm up to 35x43 cm. X-ray density of table top min 1mm Al.

To include ionisation chamber for AEC.

3. X-ray TUBE

Two (2) focal spot sizes (0,6 mm and 1.2 mm about). Heat storage capacity min 240 KHU. Rotatable,tiltable supplied with electro- magnetic brakes an push

button controls. Beam restricters with light beam identical to radiation field. (Multi leaf collimator) .

Counterbalanced on floor column with horizontal(min 1.6m) and vertical travel.(min 1.4m).

4. X- RAY VERTICAL BUCKY

Wall stand for radiological examination of standing, sitting or recumbent patients.

- Height adjustable from approx. 650mm to 1750mm (top of bucky).

-Tilt from vertical to 20° outwards. Plus tilt through 90° to horizontal.

. Counterbalanced, lockable mechanism.

-To take film sizes from 180mm by 240mm to 350mm by 430 mm.

-To include ionization chamber, suitable for AEC.

-To be connected with main x-ray unit

H0S14 BENCH, PLASTER

Bench plaster for use in plaster room with appropriate dimensions.

H1A00 APRON, LEAD

Garment suitable for use in routine procedures, fabricated of multi-ply leaded vinyl fabric, configuration to cover from over shoulders through over thighs, 0.5

mm lead equivalent.

H2F00 AUTOMATIC FILM PROCESSOR

Automatic roller-type, with dry to dry processing of all film sizes from 130mm x 130mm to 430mm x 350mm and to roll film. To have a processing capacity of

approx. 300 sheets of intermixed film sizes per hour; cold water supply (i.e. requirement for water heater); automatic stand-by controls for turn-off of: (i) drive

and dryer function, and (ii) wa- ter flow when no film is being processed; water filter with pressure regulator and pressure gauge; developer re- plenisher and

fixer replenisher tank kits. Programmable for different processing modes with minimum processing time about 90 sec.

H3A01 ILLUMINATOR, X-RAY, WALL MOUNTED, DOUBLE

Two viewing areas with cintinuous, full width grippers. Wall mounted type with plastic translucent viewing material. Complete with mounting bracket and fixings.

Overall size : approx. 550h x 750w x 160d mm. With on/off switch and two separate dimmers for brightness adjustment.

H3A02 ILLUMINATOR, X-RAY, WALL MOUNTED, MULTIP

Double banked unit; 2 x 4 way viewers, each viewer to have separate, dimming switches; two additional total panel switches for the top and bottom sections. Sixe

approx. 1059h x 1500w x 160d mm. Complete with wall mounting fixtures. To have separate dimmer for brightness adju- stment.

Equipment Specifications

Project : SKYROS

Item	Description
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H6B08 TRANSPORTABLE ULTRASOUND SYSTEM

G.D.

·Microprocessor controlled, general purpose ultrasound scanner providing high resolution images. Computerized electronic system facilitating control of all system functions.

-O.F. / O.C.

·Scanning methods: Linear, Convex. Phased array

·Display methods: B-Mode (single & dual), M-Mode, B/M-Mode, Colour Doppler

·Frame rate: max 50 frames / sec

·256 gray scale

·Digital scan converter 512 x 512 x 8 bits

·Cine memory : max 200 frames

·Monitor min 7"

·Measurement & Calculations: 1) General : Distance, Area, Circumference, Volume, Angle, Velocity, Heart Rate, Ratio

2) OB/GYN: Gestational age, Fetal Weight, Estimated date of Delivery,

·Power requirements: 220 V /50Hz.

·Easy to move, weight: max 50 Kg

·Including serial interface

·Probes: Convex probe 2-5 MHz for abdominal OB/GYN purpose

Linear probe 5- 9 MHz for peripheral angiography

·B/W Printer

- Trolley or operational suitcase from same manufacturer

I1D05 PROTHROMBINE TIME METER

For quick and accurate measurement of prothrombine time, from a small quantity of blood. LCD display, memories for results. Complete with finger pricking device.

I2A00 CENTRIFUGE, GENER. PURPOSE, SMALL CAPACITY

Centrifuge with microprocessor controlled operation.

Variable speed up to 3500 rpm .

Digital display of speed and time.

Automatic timer up to 2 h. Position for continuous operation.

Swing out rotor complete, with buckets and biosafety caps and adapters for 28 x 15 and 36 x 7 ml test tubes.

Electric brake, electronically controlled.

Possibility to accept different type rotors (haematocrite, microtiter plate, angle rotor.

Safety system for automatic switching off in case of imbalance. Imbalance indication.

Lid lock and interlock.

Brushless induction system.

I4A01 MICROSCOPE, GENERAL PURPOSE

Suitable for bright field microscopy applications. Koehler illumination system, at least 12V/30W.

Infinity corrected optics. Binocular eyepiece tube, inclined, rotatable through 360°, of magnification 10x. Interpupillary distance adjustable. Revolving nosepiece

5 place with objectives of magnification 4x, 10x, 20x, 40x, 100x (oil), plan achromatic type. Rackless mechanical stage with tension adjustment, coarse and fine

controls (1µm sensitivity). Specimen holder with tension adjustment, X-Y motion.

Abbe condenser NA 1,25 with carrier for blue filter.

I5A00 PIPETTE, AUTOMATIC, FIXED VOLUME SET

Set of six fixed volume pipettes with disposable tips. Volumes to be (in micro litres) 10, 25, 50, 100, 500, 1000. Dispensing mechanism to be controlled by plunger. Pipettes to have tip ejector button. Pipette shaft, piston and piston spring to be autoclavable. Complete with stand.

I5B00 PIPETTE, AUTOMATIC, VARIABLE VOLUME, SET

Set of five volume pipetes with digital indication of set volume, automatic tip ejector, for disposable tips.

Volume: 0,5-10il , 2 to 20il, 20 to 200il, 500 to 5000 il.

Designed to fit any type of tips

Easy volume adjustment and calibration.

I5O00 STIRRER, MAGNETIC, HOTPLATE

Solid state, continuously variable speed control up to 1300 rev/min.

Drive magnetic.

Regulated temperature control up to 450°C.

Diameter 12-15cm.

Equipment Specifications

Project : SKYROS

Item	Description
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I5X00 STOPWATCH

Main dial 0 to 60 x 0.2 sec, subsidiary dial 0 to 60 x 1 min. Start, stop and reset mechanism.

I6B00 STOOL, LABORATORY

Metal frame, vinyl wipe down upholstery, padded seat. Rotatable 360°. Seat height adjustable between approx. 60-80 cm, size approx. 40 cm diameter. Swivel castors. Height adjustable padded back support.

I6L01 GLUCOSE METER, PORTABLE

Computerised portable glucose meter .
To operate with minimum blood volume not more than 3 iL.
Immediately measured results in max 5 sec.
Memory capability of min 200 measurements and capability for connection to a PC

I7A04 WASHER, GLASSWARE, AUTOMATIC, SMALL CAPACITY

Approx 1700h X 900w X 800d mm. Stainless steel cabinet and chamber, front loading, prewash, wash, rinse and final rinse cycles, built-in heater, detergent dispenser. To be supplied with plumbing connections and baskets for general glassware, flasks, test tubes and petri dishes

S1D01 STEILISATION BASKETS, WALL MOUNTED

The sterile goods baskets are designed for the transport, storage and sterilisation of various items. They fit on the wall mounted hook rails for storage. All

sterile items containers are outfitted with recessed handles. Electropolished, burr-free stainless steel , closed wire loops, stackable base frames.

Wire sizes (aprox.): Upper frame= 6.0mm, frame= 3.0mm, loops,= 2.5mm, base frame=5.0mm

Sterile goods basket 1STE

Weight capacity of min 30kg

Loop distance (approx): Wall 20 x 35mm; Base 20 x 20mm

4 baskets

2 xWall Mounted Hook Rail for the mounting of 4 baskets

This rail features square stainless steel 25x25mm, tube design, with welded hooks that will accommodate STE baskets or comparable articles. Threaded bolts are added for levelling, and the end of the tubes are enclosed with polymer caps.