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Pages : 1 : 5	E mail Address : xrayl.jed@sghgroup.net - bab@sghgroup.net
Vender :	Mobile : 00966 505 640 079 - 00966 561 052 512
Attention : Sales Manager	
Enclosed please find our Tender Document for ANETHESIA DEPARTMENT	
Please submit your best prices for the following items complete specification, Catalogue copy & C.V for units	
Your offer in witting should reach to the undersign before 15 / Dec / 2008	
You may quote your equivalent product if you are unable to offer the specification item	

General Requirements for the Negotiable Tender

- 1- The Manufacture has to offer the Highest & Latest model in the required Item with all the Encouraging specification which let the dean of the tender to choose the Product.
- 2- The offer must contain all Hardware & Software available At time of tender.
- 3- The Manufacture will apply all the Upgrade will be added to the unit Free of Charge.
- 4- The Manufacture will offer clear C.V of the Same Model in his quotation with year of production.
- 5- Warrantee is (5) years including labor & Spare parts & Accessories needed for the perfect work of the unit.
- 6- The Manufacture will assure the wok of the unit during the Warrantee with Minimum of 320 days / Year.
- 7- It will be Service Contract for (5) years after the warrantee period in the offer of the manufacturer.
- 8- It's better for the Manufacturer to offer Basic Unit & alternative for each item.
- 9- It's well known that The Company which will win the Tender is going to Sign the Contract with SGH Group.
- 10- This Contract Details will be Discusses with the Company after The Evaluation with the whole Higher Management SGH Group.
- 11- The specification in the book is the nearly accepted but not restricted so each Company Can offer the best Models which Help doctors & Staff to Offer the Best Benefits for the Patient.

Dr. MOHY KHALIL
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INDEX

DEPARTMENT: ANETHESIA

S. No	Items Descriptions	Qty	No. of pages	Manufacture	Origin	Model	Unit price	Total Price
1	DISINFECTING INSTRUMENT WASHER SINGLE DOOR WITH DRYER AND MICRO COMPUTER.	1	1					
2	ANESTHESIA MACHINE WITH COMPLETE ACCESS. WITH MONITOR	4	1					
3	DEFIBRILLATOR/MONITOR WITH PACEMAKER, ADULT & PEDIA PADDLES.	1	1					

**DISINFECTING INSTRUMENT WASHER SINGLE DOOR WITH DRYER AND
MICRO COMPUTER.**

ITEM NO: 1

Specification For: DISINFECTING INSTRUMENT WASHER SINGLE DOOR WITH DRYER AND MICRO COMPUTER.	QTY
<p align="center"><u>DISINFECTING INSTRUMENT WASHER SINGLE DOOR WITH DRYER AND MICRO COMPUTER.</u></p> <ul style="list-style-type: none"> - Dimension: H x W x D 1820 x 746 x 740 mm - Dimension of wash chamber: H x W x D 670 x 640 x 640 mm - Number of wash levels for instruments: 5 - Capacity, instruments: 800 pcs per cycle - Cycle time, standard: 30-40 min - Heating element, wash chamber: 9Kw - Heating element, dryer: 2kW - Power consumption: 10, 6kW - Fuse: 16Amp - Dimension, water connection: 2 Pce ¾" - Dimension Drain: 50 mm diameter - Detergent proportioning: Standard - Rinse aid dosage proportioning: Standard - Pump Capacity: 600 ltr/min - Water consumption per sequence: 18 lit - Manual transport trolley 2 each - Voltage: 220V-380V 60 Hz 3 phase 	1

ANESTHESIA MACHINE WITH COMPLETE ACCESS. WITH MONITOR**ITEM NO: 2**

Specification For <u>ANESTHESIA MACHINE WITH COMPLETE ACCESS. WITH MONITOR</u>	QTY
<p><u>ANESTHESIA MACHINE WITH COMPLETE ACCESS. WITH MONITOR</u></p> <ul style="list-style-type: none"> - GAS FLOW CONTROL: - Fresh-gas flow: 0 and 0.2-18 L/min - O₂ flow control: 21-100 vol%, Sensitive ORC function: minimum oxygen delivery of 25% or 250 mL/min in mixtures with nitrous oxide - Carrier gas selection: via N₂O and Air key - O₂ flush: > 35 L/min - O₂ safety flow: 0-12 L/min - Ventilator E-vent™ Plus: - Electrically driven and electronically controlled ventilator - Operating modes: Manual, spontaneous, IPPV, PCV, SIMV, prepared for PS - Tidal Volume (IPPV, SIMV): 20-1400 ml - Tidal Volume (PCV): 1-1400 ml - Breathing frequency: 3-80 min⁻¹ - Inspiratory time: 0.2-6.7 s (I;E 2:1-4:1) - Plateau time TIP:TINSP: 0-60% - Inspiratory flow: Maximum 150 L/min +10% - Pressure limitation (IPPV, SIMV): (PEEP+10)-70hPa - Pressure limitation (PCV): (PEEP+5)-70 hPa - PEEP: 0-20 hPa - Trigger (SIMV): 0.3 bis 15 L/min - Ramp (PCV): 0.2 bis 2 s - Leakage rate: < 50 mL at 30 hPa (automatic leak-test) - Volume of absorber: 1.5 L - Monitoring: - Inspiratory and expiratory concentration of O₂, N₂O, CO₂, as well as anesthetic agent (Halothane, Enflurane, Isoflurane, Sevoflurane, Desflurane) - Minute volume(MV) and tidal volume (VT), Respiratory rate, Peak pressure, plateau pressure, mean pressure, PEEP - ComplianceC - Concentration f CO₂, O₂, anesthetic agent, airway pressure, inspitory an expiratory flow, - Bargraph display of volumeter and tidal volume, Display of fresh gas flow tubes, Display of graphical trends and numerical lists of measured values, intelligent adjustable alarm limits. - General: - Serial interface: 3xRS 232 - Protocols: Medibus - Operating Voltage: 85-264V, 45-65 Hz - Power: 200W, typical - Integrated power backup: for at least 30 minutes, Typical 90 minutes, and ventilation mode - Voltage: 110V-220V 60 Hz 	4

**DEFIBRILLATOR/MONITOR WITH PACEMAKER, ADULT & PEDIA
PADDLES.**

ITEM NO: 3

Specification For: DEFIBRILLATOR/MONITOR WITH PACEMAKER, ADULT & PEDIA PADDLES.	QTY
<p align="center"><u>DEFIBRILLATOR/MONITOR WITH PACEMAKER, ADULT & PEDIA PADDLES.</u></p> <ul style="list-style-type: none"> - External & internal defibrillation: Synchronous and asynchronous - Form of shock: Monophasic, attenuated sine half-wave - Energy levels: 2, 5, 7, 10, 20, 30, 50, 100, 150 ,200 ,300 ,360 joule, Aautosequence - Energy Selection: Rotating knob on unit - Typical charging time to 360J: 8 second - Defibrillation: Via Paddles or combined defibrillation/pacemaker electrodes - ECG Derivation: Via 3-lead (I, II, III, aVL, aVR, aVF, V) ECG cable or via combined defibrillation/pacemaker electrodes, with 12-leads - Analogue output: One Volt - Printer: 50 mm thermo-printer with 2 registration channels an 25mm/sec feed rate - Operating modes: Demand and fix - Pulse frequency: 30 to 180P/min - Pulsed current: 0 to 200 mA - Pulse width: 40 ms; 20 ms from 150 P/min - Pulse corm: Monophasic rectangular pulse - SpO₂ Saturation display: in 1% intervals from 0% to 100% - Format: Plethsmogram (curve format) - Single quality: C-Lock ECG Synchronization. - Monitor Display: LCD display, 2-channel backlit, monitor can be tilted by up to 180° - Resolution: 115 mm x 86 mm (620x240 pixels) - Dimension : W x H x D 432 mm x 172 mm x 377 mm - Power supply: battery and mains, operates with 12V D.C - Voltage 110V- 220V 60 Hz 	1