

	<b>Bait Al Batterjee Medical Trading Co.</b>
	Saudi German Hospital Group
	Al Zahra Dist. Jeddah
	Tel. No. 02 – 6620 296 / 6620 396 / 6620 279 Ext: 5029
	Fax No. 02 – 256 2973
	Direct Line 02 - 6905129

<b>Date : 15 / 09 / 2008</b>	<b>Contact Person : Dr. Alaa El Shreef - Dr. Mohy khalil</b>
<b>Pages : 1 : 20</b>	<b>E mail Address : <a href="mailto:xray1.jed@sghgroup.net">xray1.jed@sghgroup.net</a> - <a href="mailto:bab@sghgroup.net">bab@sghgroup.net</a></b>
<b>Vender :</b>	<b>Mobile : 00966 505 640 079 - 00966 561 052 512</b>
<b>Attention : Sales Manager</b>	
<b>Enclosed please find our Tender Document for <u>I C U DEPARTMENT</u></b>	
<b>Please submit your best prices for the following items complete specification, Catalogue copy &amp; C.V for units</b>	
<b>Your offer in witting should reach to the undersign before 15 / Dec / 2008</b>	
<b>You may quote your equivalent product if you are unable to offer the specification item</b>	

### **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 Discuses 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**  
**[bab@sghgroup.net](mailto:bab@sghgroup.net)**

## INDEX

### DEPARTMENT: I C U

S.No	Items Descriptions	Qty	No. of pages	Manufacture	Origin	Model	Unit Price	Total Price
1	MADICAL RAIL SYSTEM TYPE IV1054/2-SOU 2-FOLD CHANNEL SPECIAL PAINTED IN RAL 1001, UPPER AND LOWER RAIL 25X10.	26	1					
2	BEDPAN WASHER VERNACARE.	3	1					
3	ICU PATIENT MONITOR.	1	1					
4	PATIENT MONITORING SYSTEM INCLUDING CENTRAL STATION WITH ECG, RESP,NBP, SPO2, TEMP. FROM HP WITH ALL ACCESS	1	1					
5	PATIENT MONITOR.	1	1					
6	IVAC THERMOMETER	3	1					
7	INFUSION PUMP.	6	1					
8	SYRING PUMP.	6	1					
9	VENTILATOR EVITE 4 WITH ALL ACCESS. (EVITA XL)	3	1					
10	SEPTIC FLUID SCUTION PUMP TROLLEY.	2	1					
11	VASCULAR DOPPLER.	1	1					
12	DEFIBRILLATOR/MONITOR WITH/ PACE MAKER, ADULT & PEDIA PADDLES	1	1					
13	NEBULIZER MILLICON TYPE N WITH STAND, ACCESS.	1	1					
14	PULSE OXIMETER MALLINECKRODT	1	1					
15	ECG MACHINE 3/6 CHANNEL WITH COLOR SCREEN & PRINTER.	2	1					
16	PRISMA MACHINE DIAPACT CRRT	1	1					
17	B. P APPARATUS 300 MG MERCURIAL WALL MOUNTED WITH CUFF RIESTER	7	1					
18	PULSE OXIMETER MALLINECKRODT	1	1					

**MADICAL RAIL SYSTEM TYPE IV1054/2-SOU 2-FOLD CHANNEL SPECIAL  
PAINTED IN RAL 1001, UPPER AND LOWER RAIL 25X10.**

**ITEM NO: 1**

Specification For: <b>MADICAL RAIL SYSTEM TYPE IV1054/2-SOU 2-FOLD CHANNEL SPECIAL PAINTED IN RAL 1001, UPPER AND LOWER RAIL 25X10.</b>	<b>QTY</b>
<p><b><u>MADICAL RAIL SYSTEM TYPE IV1054/2-SOU 2-FOLD CHANNEL SPECIAL PAINTED IN RAL 1001, UPPER AND LOWER RAIL 25X10.</u></b></p> <ul style="list-style-type: none"> <li>- <b>OUTLET PER BED:</b></li> <li>- 4 UPS power socket BJ-SCHUKO, EUC-217 red 2 circuits, frame 2-fold, red</li> <li>- 4 EP-Power Socket BJ-SCHUKO, EUC-212 White 2 circuits, frame 2-fold white</li> <li>- 1 Equipotential socket, double pin pot, BJ 2095 UC-21 frame 1-fold, white medical gas outlets DIN, including delivery tube and installation</li> <li>- 2 Oxygen Outlet DIN</li> <li>- 2 Compressed air outlet DIN</li> <li>- 2 Vacuum Outlet DIN</li> </ul>	<b>26</b>

**BEDPAN WASHER VERNACARE.****ITEM NO: 2**

Specification For: <b>BEDPAN WASHER VERNACARE.</b>	<b>QTY</b>
<p data-bbox="469 622 959 656" style="text-align: center;"><b><u>BEDPAN WASHER VERNACARE.</u></b></p> <ul data-bbox="199 685 1193 804" style="list-style-type: none"><li>- Safe hygienic and speedy disposal of human waste from non-ambulant patients is effectively achieved by the system.</li><li>- 2 minute cycle, using only 30 liters of cold water.</li><li>- Voltage: <b>110V-220V 60 Hz</b></li></ul>	<b>3</b>

**ICU PATIENT MONITOR.****ITEM NO: 3**

Specification For: <b>ICU PATIENT MONITOR.</b>	<b>QTY</b>
<p data-bbox="523 622 906 656" style="text-align: center;"><b><u>ICU PATIENT MONITOR.</u></b></p> <ul data-bbox="199 689 1252 952" style="list-style-type: none"><li>- Color Monitor with 2 batteries, Recorder, Base software (Includes IntelliRate)</li><li>- ECG, RESP, SpO2 (Masimo), NBP, 2 TEMPs, 2 IPs, CO2, Standard Handle, Hardwire Networking, new system</li><li>- Acc. Kit, Adult, Masimo, NIBP, ECG, TEMP AHA,</li><li>- Dash Pivot-block wall-mount w/o wall channel and w/adapter plate</li><li>- Temperature Interconnect Cable,8"</li><li>- Reusable General Probe, 700, 6.3 mm</li><li>- Reusable Ped, Surface probe, 700, mini-banjo</li><li>- Voltage: <b>110V-220V 60 Hz</b></li></ul>	<b>1</b>

**PATIENT MONITORING SYSTEM INCLUDING CENTRAL STATION WITH  
ECG, RESP,NBP, SPO2, TEMP. FROM HP WITH ALL ACCESS**

**ITEM NO: 4**

<p>Specification For: <b>PATIENT MONITORING SYSTEM INCLUDING CENTRAL STATION WITH ECG, RESP,NBP, SPO2, TEMP. FROM HP WITH ALL ACCESS</b></p>	<p align="center"><b>QTY</b></p>
<p><b><u>PATIENT MONITORING SYSTEM INCLUDING CENTRAL STATION WITH ECG, RESP,NBP, SPO2, TEMP. FROM HP WITH ALL ACCESS</u></b></p> <ul style="list-style-type: none"> <li>- Color Monitor with 1 battery, Recorder, Basic + Cardio Pulmonary</li> <li>- ECG, RESP, SpO2 (Masimo), NBP, 2 TEMPs, 2 IPs, CO2, Standard Handle, Hardwire Networking, new system</li> <li>- Acc. Kit, Adult, Masimo, NIBP, ECG, TEMP AHA,</li> <li>- Dash Pivot-block wall-mount w/o wall channel and w/adapter plate</li> <li>- Temperature Interconnect Cable 8"</li> <li>- Reusable General Probe, 700, 6.3 mm</li> <li>- Reusable Ped, Surface probe, 700, mini-banjo</li> <li>- Cardiac-Output Cable, 3.6 m</li> <li>- Cardiac Output Bath probe, 6"</li> <li>- Capnostat III Mainstream CO2 Sensor</li> <li>- Connection Cable Spectra med transducer</li> <li>- Voltage: <b>110V-220V 60 Hz</b></li> </ul>	<p align="center"><b>1 LOT</b></p>

**PATIENT MONITOR.****ITEM NO: 5**

Specification For: <b>PATIENT MONITOR.</b>	<b>QTY</b>
<p data-bbox="555 763 873 797" style="text-align: center;"><b><u>PATIENT MONITOR.</u></b></p> <ul data-bbox="199 831 1225 1066" style="list-style-type: none"><li>- Color Monitor with 1 battery, Recorder, Cardio Pulmonary + 12SL w/Gender-Specific Analysis and ACITPE, ECG, RESP, SpO2 (Masimo), NBP, 2 TEMPs, 2 IPs, CO2, Standard Handle, Hardwire Networking, new system</li><li>- Acc. Kit, Adult, Masimo, NIBP, ECG, TEMP AHA,</li><li>- Dash Pivot-block wall-mount w/o wall channel and w/adapter plate</li><li>- Reusable General Probe, 700, 6.3 mm</li><li>- Reusable Ped, Surface probe, 700, mini-banjo</li><li>- Voltage: <b>110V-220V 60 Hz</b></li></ul>	<b>1</b>

**IVAC THERMOMETER**

**ITEM NO: 6**

Specification For: <b>IVAC THERMOMETER</b>	<b>QTY</b>
<b><u>IVAC THERMOMETER</u></b>	<b>3</b>

**INFUSION PUMP.****ITEM NO: 7**

Specification For: <b>INFUSION PUMP.</b>	<b>QTY</b>
<p style="text-align: center;"><b><u>INFUSION PUMP.</u></b></p> <ul style="list-style-type: none"> <li>- Flow rate range (Micro-pump): 1-600ml/h (01-99.3 ml/h)</li> <li>- Resolution: 1 ml/h (0.1 ml/h)</li> <li>- Max. over infusion : 0.5 ml</li> <li>- 'KVO' vein open rate: 3 ml/h</li> <li>- Infusion pressure minimum: 60 kPa/450 mmHg/0.6 bar</li> <li>- Infusion pressure maximum: 150-250 kPa/1125-1875 mmHg/1.5-2.5 bar</li> <li>- Pressure alarm limit: Adjustable 0-999 mbr/mmHg</li> <li>- Air detection: Ultrasonic</li> <li>- Sensivity: Type 100 ul</li> <li>- Input current: 80 mA</li> <li>- Max Storage time: Maximum 3 months without charging</li> <li>- Temperature rang: 15°C-35°C/0°C-40°C</li> <li>- Voltage <b>110V- 220V 60 Hz</b></li> </ul>	<b>6</b>

**SYRING PUMP.****ITEM NO: 8**

Specification For: <b>SYRING PUMP.</b>	<b>QTY</b>
<p style="text-align: center;"><b><u>SYRING PUMP.</u></b></p> <ul style="list-style-type: none"> <li>- Flow rate range: 0.1 ml/h-500 ml/h</li> <li>- Volume to be infused range: 0.1 ml/h-999.9 ml/h in 0.1 ml/h increment</li> <li>- Syringe sizes: 5,10,20,30, and 50/60 ml</li> <li>- Syringe brands: B. Braun, Fresenius, BD, Terumo, Monoject, own bran (programmable)</li> <li>- Near end of infusion alarm: 3 minutes to end</li> <li>- Maximum over infusion: 0.5 ml</li> <li>- KVO rat: 0.3 ml/h</li> <li>- Maximum bolus rate: 1500 ml/h (50/60 ml syringes)</li> <li>- Temperature rang: 15°C-35°C</li> <li>- Storage temperature range: 0-40°C</li> <li>- Occlusion pressure alarm: 0-999 mbr (or mmHg)</li> <li>- Maximum Storage time: 3 months without use</li> <li>- Voltage <b>110V- 220V 60 Hz</b></li> </ul>	<b>6</b>

**VENTILATOR EVITE 4 WITH ALL ACCESS. (EVITA XL)****ITEM NO: 9**

Specification For: <b>VENTILATOR EVITE 4 WITH ALL ACCESS. (EVITA XL)</b>	<b>QTY</b>
<p style="text-align: center;"><b><u>VENTILATOR EVITE 4 WITH ALL ACCESS. (EVITA XL)</u></b></p> <ul style="list-style-type: none"> <li>- High end intensive care ventilator for adult and pediatric patients form 3 kg</li> <li>- Ventilator includes, besides standard modes of ventilation new modes, a highly sophisticated graphic monitoring system, plus a multitude of support functions of daily routines.</li> <li>- BIPAP and SIMV with AutoFollow for optimizing pressure and volume oriented ventilation.</li> <li>- Special modes e.g. Airway pressure Release Ventilation, APRV, can be configured as well.</li> <li>- Aspiratory O<sub>2</sub> concentration and breath to breath airway CO<sub>2</sub> concentration.</li> <li>- Noninvasive monitoring of Oxygen saturation, SpO<sub>2</sub>.</li> <li>- All Steps of operation supported with help texts. Calibration of flow and O<sub>2</sub> sensor is automatic.</li> <li>- Occlusion pressure P0.1 and PEEP can be determine in any mode via automated maneuvers.</li> <li>- Basic unit including integrated MediBus and printer interface – DC-module, internal battery – O<sub>2</sub> sensor cell – 5 x flow sensor – 2 x expiration valve.</li> <li>- Permissible connection. Gas dev NIST connection.</li> <li>- Capnographie is the measurement of CO<sub>2</sub> in exhalation gas of the patient.</li> <li>- Atomic Tube compensation to test the ability of the patient to breath spontaneousl.</li> <li>- Aquapor: Breathing gas humidifier with adjustable heat regulation, safety valve and display of operating status.</li> <li>- Trolley for ventilator with an approx total height of 1300 mm with ability to carry gas cylinder and additional batteries for independent electricity supply.</li> <li>- Patient Hose system, Test lungs.</li> <li>- Voltage <b>110V- 220V 60 Hz</b></li> </ul>	<b>3</b>

**SEPTIC FLUID SCUTION PUMP TROLLEY****ITEM NO: 10**

Specification For: SEPTIC FLUID SCUTION PUMP TROLLEY	QTY
<p data-bbox="392 544 1038 577" style="text-align: center;"><b><u>SEPTIC FLUID SCUTION PUMP TROLLEY</u></b></p> <ul data-bbox="201 611 1235 815" style="list-style-type: none"><li>- Vacuum gauge</li><li>- Pneumatic foot control</li><li>- Suction regulator and foil tastes; vacuum from 0 to -.09 bar, suction power 551/min</li><li>- 5 liter jar</li><li>- Regulating valve, bacterial filter, suction set 1, 01 volume and cap integrated overflow prevention device.</li><li>- Voltage <b>110V- 220V 60 Hz</b></li></ul>	<b>2</b>

**VASCULAR DOPPLER.****ITEM NO: 11**

Specification For: <b>VASCULAR DOPPLER.</b>	<b>QTY</b>
<p data-bbox="544 544 887 577" style="text-align: center;"><b><u>VASCULAR DOPPLER.</u></b></p> <ul data-bbox="199 611 619 786" style="list-style-type: none"><li>- Hand-Held Design</li><li>- Multi frequency: 2,4,5,8,10 MHz</li><li>- Probe button: Power ON/OFF</li><li>- Battery life: 3 hours</li><li>- Power: DC 9Volt</li><li>- Dimension: 75x140x25 mm</li></ul>	<b>1</b>

**DEFIBRILLATOR/MONITOR WITH PACE MAKER, ADULT & PEDIA  
PADDLES.**

**ITEM NO: 12**

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

**NEBULIZER MILLICON TYPE N WITH STAND, ACCESS****ITEM NO: 13**

Specification For: <b>NEBULIZER MILLICON TYPE N WITH STAND, ACCESS.</b>	<b>QTY</b>
<p data-bbox="320 577 1155 613" style="text-align: center;"><b><u>NEBULIZER MILLICON TYPE N WITH STAND, ACCESS</u></b></p> <ul data-bbox="199 645 954 882" style="list-style-type: none"><li>- Current: 0.46A</li><li>- Power consumption: 41W</li><li>- Fuse: 2A</li><li>- Atomizing: 1.5~5ml/minute +/- 10%</li><li>- Liquid cup capacity: 30 ml</li><li>- Particles: 1~ 5u</li><li>- Dimension: 280 x 150 x 207 mm ( W x D x H), Weight: 2.5 kg</li><li>- Voltage <b>110V- 220V 60 Hz</b></li></ul>	<b>1</b>

**PULSE OXIMETER MALLINECKRODT****ITEM NO: 14**

Specification For: <b>PULSE OXIMETER MALLINECKRODT</b>	<b>QTY</b>
<p data-bbox="427 577 1007 611" style="text-align: center;"><b><u>PULSE OXIMETER MALLINECKRODT</u></b></p> <ul data-bbox="199 645 1206 792" style="list-style-type: none"><li>- Measurement Range: SpO2 : 0-100% , Pulse Rate: 20-250 beats per minute (bpm)</li><li>- Sealed lead-acid internal battery, Digital display.</li><li>- Nurse call capability, Analog output (0-IV)</li><li>- Size 8.4 cm x 26.4 cm x 17.3 cm</li><li>- Voltage <b>110V- 220V 60 Hz</b></li></ul>	<b>1</b>

**ECG MACHINE 3/6 CHANNEL WITH COLOR SCREEN & PRINTER.****ITEM NO: 15**

Specification For: <b>ECG MACHINE 3/6 CHANNEL WITH COLOR SCREEN &amp; PRINTER.</b>	<b>QTY</b>
<p><b><u>ECG MACHINE 3/6 CHANNEL WITH COLOR SCREEN &amp; PRINTER.</u></b></p> <ul style="list-style-type: none"> <li>- Measurement and interpretation of the resting ECG.</li> <li>- 3- outlets for analog signals.</li> <li>- Remote start inlet (ergometry).</li> <li>- Reflective LED displays gives process information on electrode faults, battery operation paper end.</li> <li>- Heart Rate: 35....240 min<sup>-1</sup></li> <li>- Leads: Einthoven, Gold Berger, Wilsion, Nehb, Cabrera.</li> <li>- Sensitivity: 5, 10, 20 mm/mV</li> <li>- Chart speed: 5, 25, 50 mm/s</li> <li>- Dimensions: W x D x H 338 mm x 340 mm x 98 mm</li> <li>- Weight: 5.5 kg <ul style="list-style-type: none"> <li>- Voltage <b>110V- 220V 60 Hz</b></li> </ul> </li> </ul>	<b>2</b>

**PRISMA MACHINE DIAPACT CRRT****ITEM NO: 16**

Specification For: <b>PRISMA MACHINE DIAPACT CRRT</b>	<b>QTY</b>
<p data-bbox="445 580 983 613" style="text-align: center;"><b><u>PRISMA MACHINE DIAPACT CRRT</u></b></p> <ul data-bbox="199 645 1254 763" style="list-style-type: none"><li data-bbox="199 645 1254 734">- Compact, self-contained system for high-flow continuous or intermittent renal replacement therapies (CVVH, CVVHD, CVVHFD, HF,HD DFD) in acute patients using sterile-pre-pack</li><li data-bbox="199 734 1254 763">- Voltage: <b>110V-220V 60 Hz</b></li></ul>	<b>1</b>

**B. P APPARATUS 300 MG MERCURIAL WALL MOUNTED WITH CUFF**  
**RIESTER**

**ITEM NO: 17**

Specification For: <b>B. P APPARATUS 300 MG MERCURIAL WALL MOUNTED WITH CUFF RIESTER</b>	<b>QTY</b>
<p><b><u>B. P APPARATUS 300 MG MERCURIAL WALL MOUNTED WITH CUFF</u></b>  <b><u>RIESTER</u></b></p> <ul style="list-style-type: none"> <li>- Temperature Range: -18°C to +50°C</li> <li>- Relative humidity: 30-95% RH</li> <li>- Protection type: IP 54( Splash proof)</li> <li>- Ventilation modes: IPPV, SIPPV, SIMV, CPAP</li> <li>- CPR Mode: Pressure-limited, volume non-constant ventilation.</li> <li>- Ventilation Frequency: 5 to 40 1/min infinitely adjustable</li> <li>- Tidal Volume <math>V_T</math> : 0.1 to 1.5 L Infinitely adjustable</li> <li>- Breath-time ratio: 1:3 to 2:1 infinitely adjustable</li> <li>- Inspiratory pressure limitation: 20 to 60 mbar</li> <li>- PEEP: 1 to 15 mbar infinitely adjustable.</li> <li>- Synchronization for SIMV: From inspiratory flow &gt; 4L/min</li> <li>- Flow measurement range: 1 to 20 L/min bi-directional</li> <li>- Supply pressure: 2.7 to 6.0 bar, O2 or Air</li> <li>- Battery: NiCd rechargeable battery with 7.2V/1000 mAh</li> <li>- Dimension: W x H x D 215 x 120 x 205 mm</li> <li>- Voltage: <b>110V-220V 60 Hz</b></li> </ul>	<b>7</b>

**PULSE OXIMETER MALLINECKRODT**

**ITEM NO: 18**

Specification For: <b>PULSE OXIMETER MALLINECKRODT</b>	<b>QTY</b>
<b><u>PULSE OXIMETER MALLINECKRODT</u></b>	<b>1</b>