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Date : 15 / 09 / 2008	Contact Person : Dr. Alaa El Shreef - Dr. Mohy khalil
Pages : 1 : 6	E mail Address : xrav1.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 NEPHROLOGY 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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DEPARTMENT: NEPHROLOGY

S. No	Items Descriptions	Qty	No. of pages	Manufacture	Origin	Model	Unit Price	Total Price
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2	HAEMODIALYSIS MACHINE WITH ACCESSORIESS	2	1					
3	SINGLE REVERSE OSMOSIS UNIT	2	1					
4	DIALYSIS CHAIR COMFORT 3	2	1					

FILTRATION SYSTEM FOR KIDNEY DIALYSIS UNIT (LOCAL)**ITEM NO: 1**

Specification For: FILTRATION SYSTEM FOR KIDNEY DIALYSIS UNIT (LOCAL)	QTY
<p><u>FILTRATION SYSTEM FOR KIDNEY DIALYSIS UNIT (LOCAL)</u></p> <ul style="list-style-type: none"> - Water treatment plant complete with all filtration ultra violet high softener surface circulation and reverse osmosis 2x800 gallons/day - Sand Filter: Material : Fiberglass, Dimension: 10"x54" Backwash system: Automatic Head - Duplex Softener: Electronic Head, One Head & Two Vessels and one brine tank, Dimension: 10"x54" - R.O Unit Consist: Sediment Filter (5 micron 20" height), R.O unit Cap. 800 GPD, Material Stainless Steel - Circulation Pumps: 1 Duty & 1 standby, 1Hp, 1m³/hr, 30 m - Filters Consist: Sediment filter (1 micron, 20"), Sediment filter (0.1 micron, 20") - Ultra Violet Unit: Material stainless steel , Cap. 5 GPM, Bacterial filter 10" - Pressure Tank Cap. 500 L Stainless steel - Voltage: 110V-220V 60 Hz 	1

HAEMODIALYSIS MACHINE WITH ACCESSORIES**ITEM NO: 2**

Specification For HAEMODIALYSIS MACHINE WITH ACCESSORIES	QTY
<p style="text-align: center;"><u>HAEMODIALYSIS MACHINE WITH ACCESSORIES</u></p> <ul style="list-style-type: none"> - Temperature working range: 33 to 40°C - Dialysis fluid preparation: Conductivity controlled - Operating range: Conductivity bicarbonate 2 to 4 mS/cm or 4 to 7 mS/cm, Total conductivity 12 to 17 mS/cm - Tolerance: +/- 0.2 mS/cm - Flow rate: 300 to 800 ml/min - Blood leak detector: Optical, color specific - Alarm threshold: 0.5 ml/min - Ultra filtration: Volume controlled through balancing chambers, Sequential ultra filtration - Operating range: 0 to 3000 ml/h - Accuracy: +/- 3% - Blood Pump: 2-roller, peristaltic pump - Delivery rate: 50 to 600 ml/min - Accuracy: +/- 10% - Substitution pump: 2-roller, peristaltic pump - Delivery rate: 500 to 5000 ml/h - Accuracy: +/- 0.5% - Heparin pump: Pump for 20 to 50 ml syringes - Delivery rate: 0.1 to 10 ml/h - Accuracy: +/- 10% - Dialyser inlet pressure(PBE): 0 to 700 mmHg - Accuracy: +/- 12 mmHg - Arterial pressure (PA): -400 to + 400 mmHg - Accuracy: +/- 12 mmHg - Venous pressure (PV): 10 to 390 mmHg - Accuracy: +/- 12% - Heat disinfections/Cleaning: Automatic programme run at approx. 85oC at the dialyser connections. - Water supply: Pressure range: 0.5 to 10 bar, Temperature range: 5 to 30oC <p>Voltage: 110V-220V 60</p>	2

SINGLE REVERSE OSMOSIS UNIT.**ITEM NO: 3**

Specification For: SINGLE REVERSE OSMOSIS UNIT.	QTY
<p data-bbox="454 495 975 524" style="text-align: center;"><u>SINGLE REVERSE OSMOSIS UNIT.</u></p> <ul data-bbox="199 555 1270 824" style="list-style-type: none">- Permeate capacity: 45l/h at 10° C feed water with 2 bar outlet pressure.- Inlet pressure: Operation with a minimum feed water pressure of 1.0 bar.- Operation without softener: Softener required only when there is more than 45 mg of Ca in the inlet feed.- Cleaning/Disinfections: Automatic programme procedure citric acid or peracetic acid.- 4 castor and light weight construction allow ease of transportation.- Microprocessor Control: Self monitored with automatic indication of status on the display, All operational conditions are indicated.- Voltage: 110V-220V 60 Hz	2

DIALYSIS CHAIR COMFORT 3**ITEM NO: 4**

Specification For: DIALYSIS CHAIR COMFORT 3	QTY
<p data-bbox="486 488 944 521" style="text-align: center;"><u>DIALYSIS CHAIR COMFORT 3</u></p> <ul data-bbox="199 555 976 757" style="list-style-type: none">- Base width: 54 cm- Base Length: 188 cm- Total overall width: 81 cm- Padding thickness: 6 cm- 4 castor, anti-static, 2 of which are lockable- 3 motors with limit switch , automatic trendelenburg positioning.- Voltage: 110V-220V 60 Hz	1