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Pages : 1 : 8	E mail Address : xray1.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 ONCOLOGY 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: ONCOLOGY

S.No	Items Descriptions	Qty	No. of pages	Manufacture	Origin	Model	Unit Price	Total Price
1	LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II	1	2					
2	VIRTUAL SIMULATION WORKSTATION CHOERENCE DOSIMETRIST	1	1					
3	DOMISTRY SYSTEM + SECONDRY STANDARD+SOFT WARE FOR CLOSE PROFILE VERIFICATION+SCANNER FOR HIGH DOSIMETRY+FULL IMMOB SYSTEM	1	1					
4	RTP SYSTEM (TREATMENT PLANNING SYSTEM)	1	1					
5	IMRI INTENSITY MODALATED RADIOTHERAPY SOFTWARE , PANNING SYSTEM + IMRI PHANTOM	1	1					

LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II**ITEM NO: 1**

Specification For: <u>LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II</u>	QTY
<p><u>LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II</u></p> <ul style="list-style-type: none"> - Standing wave Switch Guide two nominal X-ray energies per BJR11 - 6 and 16 MV (16 MV per BJR 17) (67+/- 2% and 77 +/-2%) - 6 and 23 MV (23 MV per BJR 17) (67+/- 2% and 80 +/-1%) - Nominal electron energies - Group IV: 4, 6, 9, 12 and 16 MeV at up to 600 MU/min for all photon energies and up to 1000 MU/min for all electron energies with Triode gun for digital high precision dose rate control. - Stand and Rotating Gentry Consisting of:- - Counter weight - 100 cm Source-Axis Distance - Digital readouts of collimator and gantry positions - - Rot table treatment head Consisting of:- - Fully motorized collimation system up to 40x40 cm - Optical range finder and field defining light with fiber optic conduits for easy serviceability - Dual dosimetry system with symmetry interlock at 2% and monitoring of under dose/overdose per pulse - Extended head rotation - Asymmetric upper collimator jaws with 10 cm travel across central axis - Asymmetric lower collimator jaws with 2 cm travel across central axis - Computer control system consisting of:- - Clinac control processor - Communications processor - User interface processor - Color Monitor - Dedicated keyboard - Service keyboard - Printer - C-Series application software with:- - Fixed X-ray mode at 100-600 MU/min in 6 steps for photons and 100-1000 MU/min in 7 steps for Electrons - Dynamic X-ray Arc therapy mode at 0.5 to 16 MU/degree - Port film mode - Morning check-out mode - Physics mode - Service mode - Special procedures mode for:- - Electron Arc therapy at 0.5 to 16 MU/degree - X-ray TBI mode - Electron TBI mode - High dose rate total skin electrons at 6 or 9 MeV at 2500 MU/min 	1

LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II**ITEM NO: 1**

Specification For: <u>LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II</u>	QTY
<p><u>LINEAR ACCELERATOR HIGH ENERGY(DUAL ELECTRON- X- RAY) + IMR II</u></p> <ul style="list-style-type: none"> - Enhanced dynamic wedge software for the generation of wedged iso dose distributions by asymmetric collimator movement under computer control - Accessory system consisting of:- <ul style="list-style-type: none"> - Four interlocked wedge filters insert able at every 90o angle - Shadow tray caring 25 kg of blocks and set of blocks - Five electron applicators from 6x6 to 25x25 cm - 100 irregular field insert mould frames - Set of mechanical front pointers for mechanical isocentre quality control - Fully motorized EXACT treatment couch consisting of:- <ul style="list-style-type: none"> - Extended vertical travel range - Two microprocessor control handpendants - Two side panel controls - Carbon fibre side rail/center spine couch top - Tennis racket inserts - Accessory rails and indexed fixation-mounting points - Pair of universal clamps - Arm support - Hand grips - Standard spare parts kit including:- <ul style="list-style-type: none"> - 150 items such as PC boards and individual components - Voltage: 220V-380V 60 Hz 3 phase - Accessory system consisting of:- <ul style="list-style-type: none"> - Four interlocked wedge filters insert able at every 90o angle - Shadow tray caring 25 kg of blocks and set of blocks - Five electron applicators from 6x6 to 25x25 cm - 100 irregular field insert mould frames - Set of mechanical front pointers for mechanical isocentre quality control - Fully motorized EXACT treatment couch consisting of:- <ul style="list-style-type: none"> - Extended vertical travel range - Two microprocessor control handpendants - Two side panel controls - Carbon fibre side rail/center spine couch top - Tennis racket inserts - Accessory rails and indexed fixation-mounting points - Pair of universal clamps - Arm support - Hand grips - Standard spare parts kit including:- <ul style="list-style-type: none"> - 150 items such as PC boards and individual components - Voltage: 220V-380V 60 Hz 3 phase 	1

VIRTUAL SIMULATION WORKSTATION CHOERENGE DOSIMETRIST

ITEM NO: 2

Specification For: <u>VIRTUAL SIMULATION WORKSTATION CHOERENGE DOSIMETRIST</u>	QTY
<u>VIRTUAL SIMULATION WORKSTATION CHOERENGE DOSIMETRIST</u>	1

**DOMISTRY SYSTEM + SECONDRY STANDARD+SOFT WARE FOR CLOSE
PROFILE VERIFICATION+SCANNER FOR HIGH DOSIMETRY+FULL
IMMOB SYSTEM**

ITEM NO: 3

Specification For <u>DOMISTRY SYSTEM + SECONDRY STANDARD+SOFT WARE FOR CLOSE PROFILE VERIFICATION+SCANNER FOR HIGH DOSIMETRY+FULL IMMOB SYSTEM</u>	QTY
<p><u>DOMISTRY SYSTEM + SECONDRY STANDARD+SOFT WARE FOR CLOSE PROFILE VERIFICATION+SCANNER FOR HIGH DOSIMETRY+FULL IMMOB SYSTEM</u></p> <ul style="list-style-type: none"> - 1/3" CCD with 512Hx582V pixels featuring micro lens on each pixel for high sensitivity - Minimum scene illumination of 1.1 lx at F1.2, 0.4 lx - 330-line horizontal resolution - Etc function enables the use of fixed iris lenses for indoor application - CS-mount - Line lock capability - 5" compact sized dome camera - 480 line horizontal resolution - 48dB S/N ratio - Minimum illumination of 3 lx with clear dome cover - 360" endless panning - 5-50 mm 10x zoom lens with 1/3" - On screen set up menu - 4.5 mm lens - Color video monitor 14" - Preset control - 64 positions - Lens control - Housing control - Camera control Alarm - Voltage: 110V-220V 60 Hz 	1

RTP SYSTEM (TREATMENT PLANNING SYSTEM

ITEM NO: 4

Specification For <u>RTP SYSTEM (TREATMENT PLANNING SYSTEM</u>	QTY
<u>RTP SYSTEM (TREATMENT PLANNING SYSTEM</u>	1

**IMRI INTENSITY MODALATED RADIOTHERAPY SOFTWARE , PANNING
SYSTEM + IMRI PHANTOM**

ITEM NO: 5

Specification For: <u>IMRI INTENSITY MODALATED RADIOTHERAPY SOFTWARE , PANNING SYSTEM + IMRI PHANTOM</u>	QTY
<u>IMRI INTENSITY MODALATED RADIOTHERAPY SOFTWARE , PANNING SYSTEM + IMRI PHANTOM</u>	1