

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
1	<p><b>Amplatz Sheath with single step compatible double guide wire channel Dilator (Metallic, single step and reuseable)</b>            Purpose :Essential component for Percutaneous Renal access during PCNL (Minimally Invasive Procedure/stone removal from the kidney).            Main_Feature: * Amplatz Sheath (Metallic,Single Step, Reusable) of following sizes            - 20Fr 15cm length            - 22 Fr 15cm length            - 22Fr 18cm length            - 17.5Fr 15cm length            - 17.5Fr 18cm length.            * Single step compatible double guidewire channel Dilator of follwoing sizes            - 15Fr,            - 18Fr            - 20Fr            * Demo is mandatory (if required to end user)</p> <p>Rating/Capacity of Eqpt: Amplatz Sheaths of following sizes 20Fr 15cm length, 22 Fr 15cm length , 22Fr 18cm length, 17.5Fr 15cm length, 17.5Fr 18cm length single step compatible double guidewire channel Dilator sizes 15Fr, 18Fr and 20Fr            Type : Trolley            Accessories:            NA            Desired Measurements : Amplatz Sheaths of following sizes 20Fr 15cm length, 22 Fr 15cm length , 22Fr 18cm length, 17.5Fr 15cm length, 17.5Fr 18cm length single step compatible double guidewire channel Dilator sizes 15Fr, 18Fr and 20Fr            Any Other Detail : Autoclavable            Ground Support Eqpt : NA            Civil Work: Not required            Expendables/Starter Kits : NA            Country of Manufacturing : Germany, Japan &amp; USA            Warranty : 5 Years            Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Urology OT )</b></p>	Nos	5		
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2	<p><b>BP Apparatus</b></p> <p>Purpose :To measure Blood Pressure of the patients admitted in wards. Main_Feature: New / Latest Model. Graduated Scale. Mercury Container with Open / lock mechanism. BP Cuff with Bladder. BP Bellow. Mounted on stand with 4 x Wheels. Demo is mandatory (If req) to end user.</p> <p>Rating/Capacity of Eqpt: As above mentioned at ser # 7 Type : Mobile/Stand Type Accessories: BP Cuff with Bladder BP Bellow Mercury (filled) Desired Measurements : Standard Any Other Detail : Pressure measurement graduate on the marcury columns in mm Hg with aprecision of 1mm Hg/min. Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : Europe, Japan, USA &amp; China Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Surgery, ICU, Mental Health, Oncology, Dialysis Unit, Gynae and Emergency )</b></p>	Nos	22		
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3	<p><b>Bioness H 200</b></p> <p>Purpose :Reduction of muscles of bond for performance of hard function. 80% of patients required.</p> <p>Main_Feature: New / latest Model FDA / CE approved H200 Wireless Control Unit: On/Off illuminated button Trigger illuminated button to turn on and pause stimulation Intensity +/- buttons to fine-tune intensity level Mute button to mute audio alerts Program selection buttons Stimulation test button Operating Voltage 3.7 V Battery Type Proprietary rechargeable Li-Ion (Lithium Ion) 3.7 V, 280;350 mAh Indications H200 Wireless Orthosis status (fault, battery, charging) and Stimulation LEDs Beeps for audio alerts Configurations Size: Small/Medium/Large Side: Left and Right Total of 6 configurations Pulse Balanced Biphasic Waveform Symmetric Max Voltage 120 V Input Voltage 100;240 V AC Wireless Technology Description Wireless Link Specifications Frequency Band 2.4 GHz, ISM band Transmission Power Complies with FCC 15.247 (for U.S.) regulations/ETSI EN300-440 (For Europe) regulations. Transmitters Operating Frequency Band 2401;2482 MHz Type of Modulation FSK Type of Modulating Signal Binary data message Data Rate [=Frequency of Modulating Signal] 250 Kbps Effective Radiated Power &lt;10 dBm Receivers Operating Frequency Band 2401;2482 MHz Receiver Bandwidth 812 kHz around a selected frequency Demo is mandatory to end user.</p> <p>Rating/Capacity of Eqpt: As above mentioned at ser # 7 Type : Portable Accessories: To be supplied with all complete and standard accessories Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : UK, USA or equivalent Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Physiotherapy Rehab Deptt ) 1</b></p>	Nos	1		

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4	<p><b>Bronchoscope</b></p> <p>Purpose :For diagnostic &amp; theraputic brochoscopy  Main_Feature: * New / latest Model  * FDA / CE approved  * Brochoscope (Non Brakable 4.6mm)  * LED.  * Camera  * Light Source  * Compatible Trolley</p> <p>Rating/Capacity of Eqpt: 220 V AC  Type : Trolley Mounted  Accessories:  Power Cable  Voltage Stabilizer  Trolley  Power supply  Desired Measurements : NA  Any Other Detail : NA  Ground Support Eqpt : Servo Control Voltage Stabilizer  Civil Work: Nil  Expendables/Starter Kits : Nil  Country of Manufacturing : M/s Karl Storz, Germany &amp; M/s Olympus, Germany  Warranty : 2 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( ICU )</b> <span style="float: right;"><b>1</b></span></p>	no	1		
5	<p><b>CPAP Machine</b></p> <p>Purpose :Req for non-Invasive Ventilation of Infants and Children with Respiratory distress  Main_Feature: New / Latest Model  FDA /CE approved  Built-in BIPAP pressure adjustment  Built-in CPAP pressure adjustment : 1-20cmH2O or better  Oxygen Concentration : 21-100% or better  Built-in Humidfication Unit  Heating System provision  Output Airflow range : 0-8L/min or better  Output Oxygen range : 0-8L/min or better</p> <p>Rating/Capacity of Eqpt: 220Volts AC  Type : Mobile  Accessories:  Breathing Circuits  2 sets of Easy Flow nCPAP with each machine.  Caps/ Nasal Prongs/ Nasal Cannula/ Bonnets  Desired Measurements : NA  Any Other Detail : Prompt Backup Support  After Sales Service (as per contract)  Warranty Period (as per contract)  Ground Support Eqpt : Built-in Power saftey circuits  Civil Work: Nil  Expendables/Starter Kits : Breathing Circuits  Country of Manufacturing : Europe, USA &amp; UK  Warranty : 2 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( PICU )</b> <span style="float: right;"><b>2</b></span></p>	No	2		

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6	<p><b>Colonoscope Pediatric</b></p> <p>Purpose :Req for Colonoscopy of paediatric Patients (Therapeutic and Diagnostic)</p> <p>Main_Feature: HD Colonoscope Paediatric</p> <p>*Size: Insertion Tube Diameter : 9.8mm or Less</p> <p>*Instrument Chennel : 2.8mm or better</p> <p>*Working Length : 1500mm or better</p> <p>*Depth of Field : 3-100mm or better</p> <p>*Field of View : 140 degree or better</p> <p>*Wide range of Angulations</p> <p>*UP : 180 degree or better</p> <p>*Down : 180 degree or better</p> <p>*Right : 160 degree or better</p> <p>*Left : 160 degree or better</p> <p>*Should be compatible with HD video Processor already held in Endoscopy Dept FFH Rwp (Pentex, Olympus)</p> <p>Rating/Capacity of Eqpt: As above at ser # 7.</p> <p>Type : Portable</p> <p>Accessories:</p> <p>*Insertion Tube</p> <p>*Video Connector</p> <p>*Bending Tube</p> <p>*Air Water Channel</p> <p>*Instrument Channel</p> <p>*Angulation Wire System</p> <p>*Biopsy Forcep</p> <p>*Dormia Basket</p> <p>Desired Measurements : NA</p> <p>Any Other Detail : Prompt Backup Support</p> <p>After Sales Service (as per contract)</p> <p>Warranty Period (as per contract)</p> <p>Ground Support Eqpt : Nil</p> <p>Civil Work: Nil</p> <p>Expendables/Starter Kits : Nil</p> <p>Country of Manufacturing : Pantex, Japan &amp; Olympus, Japan</p> <p>Warranty : 2 Years</p> <p>Likely Delivery Date :</p> <p><b>Project:</b></p> <p><b>FFH Rawalpindi( Peads Ward )</b></p>	No	1		
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7	<p><b>Combined Therapy Unit</b></p> <p>Purpose :Patient Treatment in Rehab Dept Main_Feature: New / latest Model FDA / CE approved Combo Unit with all standard accessories and 2 Ultrasound Treating Heads. Mfr: AC International, Italy &amp; ITO, Japan (Preferred) Power Supply 100-220 V AC Ultrasound 1 and 3 MHz frequency. Compatible Trolley</p> <p>Rating/Capacity of Eqpt: As above at ser # 7 Type : Trolley Mounted Accessories: To be supplied with all complete and standard accessories Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : Nil Country of Manufacturing : M/s AC International, Italy &amp; M/s ITO, Japan Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Rehab Department )</b> <b>3</b></p>	No	3		
8	<p><b>Dermatome (Electric)</b></p> <p>Purpose :Skin Grafting Harvesting Main_Feature: *FDA/CE Approved. *New/Latest Model Electric Dermatome:- *Electric Dermatome Handpiece - 1. *Autoclave Case - 1. *Accessories. *Dermatome Blades/Plates (one each). Accy: *Dermatome Blades/Plates (one each). *Width plate 1 in (2.5cm) width plate 1.5 in. (3.8cm) width plate, 2 in (5.1cm), width plate 3in (7.6cm) width plate 4in (10.2 cm). *Dermatome Hose - 1. *Dermatome Manual - 1. *Dermatome Screwdriver - 1. *Electric Dermatome Manual. *Power Supply. *Note:- Above mentioned accys are req with 1 x dermatome. Total 2 x machines accys demanded.</p> <p>Rating/Capacity of Eqpt: As above. Type : Portable/Trolley Mounted Accessories: To be supplied with all complete &amp; standard accessories. Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : Dermatome Blades, chemical disposable bags. Country of Manufacturing : Europe, Japan and USA Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Plastic Surgery )</b> <b>2</b></p>	No	2		

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9	<p><b>EEG Machine Portable</b></p> <p>Purpose :ICU, confuse patient, ventilatory support patient. Main_Feature: *New/Latest Model. *FDA/CE approved. * Serious brain death. *Software features. Programmable function include:- *Montage manager &amp; figures, filters, scales, time division, EEG process stimulator, review &amp; processing panel. *Analysis tool. *Video EEG data extraction. *Automatic and editable report generator. *Event detector and navigator. *EEG pattern detection. *High quality video recording. *Brain mapping. *Recording and Reviewer software. *video EEG recording software. hardware specifications:- *CMRR greater than 100db. *Sensitivity 10uV-2mV Noise level less than 2mV. *Noise level less than-2mV *Video quality MP2. *Phatic stimulator trolley. Laptop Specifications:- *Core i7 *ITB hard disk. *8 GB Ram. *15.6' display. *Genuine Antivirus registered * Camera stand 3. *Demo is mandatory (if req)</p> <p>Rating/Capacity of Eqpt: 220 VAC, 50Hz Type : Portable/Mobile. Accessories: To be supplied with all complete standard accessories along with Machine with 2 sets of leads (24 leads), Trolley, UPS, printer, 3 head caps (adult, medium, peads), photic stimulator. Desired Measurements : NA. Any Other Detail : NA Ground Support Eqpt : Combatible Servo Control Voltage Stabilizer &amp; UPS. Civil Work: Nil. Expendables/Starter Kits : EEG Electrodes (2 sets) Country of Manufacturing : Europe, Japan &amp; USA. Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Neurology Deptt )</b></p>	No	1		
	<b>1</b>				

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10	<p><b>FFR/IVUS/iFR</b></p> <p>Purpose :The System will be capable of imaging Coronary, Peripheral, Carotid and Intracardiac Imaging</p> <p>Main_Feature: * New / Latest Model</p> <p>* The quoted product should be certified: USA, FDA (Latest) &amp; CE mark.</p> <p>* Intravascular Ultrasound Imaging System with IVUS, FFR and iFR.</p> <p>* Intra Vascular Ultrasound (High Definition with axial resolution less than 40 µm</p> <p>* The system should be capable of imaging Coronary, Peripheral, Carotid and Intracardiac Imaging.</p> <p>* The system should also be capable of Digital storage, retrieval, archiving and DICOM compatibility.</p> <p>ζ Mechanical Rotational Transducer with external motor drive unit.</p> <p>ζ IVUS pullback options should be manual pullback and auto-pullback.</p> <p>ζ Fast pullback speed range from 0.5-1.0 mm per second or better.</p> <p>ζ High Definition Imaging with 40-60 MHz with an axial resolution less than 40 µm or better.</p> <p>ζ 5F and 6F compatible catheters</p> <p>ζ Intuitive software for ease of use.</p> <p>ζ Image storage capacity should not be less than 50 cases.</p> <p>ζ DICOM storage and DICOM worklist management.</p> <p>ζ Digital storage/retrieval including CD, DVD, removable hard drive and to the network (PACS).</p> <p>ζ Workstation</p> <p>ζ Touch Screen Module (TSM) with articulating tableside mount</p> <p>ζ Monitor 15"-19" or better</p> <p>ζ Processor - 3.2 GHz turbo freq or better</p> <p>ζ Memorey 32 GB RAM or better</p> <p>ζ 128 GB NVME SSD, 1TB SATA SSD</p> <p>* Demo is mandatory (if req) to end user.</p> <p>* Phased and mechanical array callidus 7.5F.</p> <p>*OKOM 3 complete.</p> <p>*FFR calculation with/without hyperenice agent workhors pressure guide wire used for FFR &amp; Prert.</p> <p>Additional Items:</p> <p>*Medical grade thernal parameter.</p> <p>*Medical grade LCD21"</p> <p>Lips for whole system, min backup time 10 minute.</p> <p>*Line voltage: 220 VAC +/-10%, 50 HZ.</p> <p>*Warranty: 2 years with parts including accessories.</p> <p>*Certification: FDA/CE/JIS/MHLW.</p> <p>*</p> <p>Rating/Capacity of Eqpt: 100-240 V AC, 50 / 60 Hz</p> <p>Type : Mobile</p> <p>Accessories:</p> <p>To be supplied with all complete &amp; standard Accessories</p> <p>Desired Measurements : NA</p> <p>Any Other Detail : NA</p> <p>Ground Support Eqpt : Compatible Servo Control Voltage Stabilizer &amp; True Online Pure Sine Wave</p> <p>Civil Work: Nil</p> <p>Expendables/Starter Kits : NA</p> <p>Country of Manufacturing : Europe Japan &amp; USA</p> <p>Warranty : 2 Years</p> <p>Likely Delivery Date :</p> <p><b>Project:</b></p> <p><b>FFH Rawalpindi( Cardiology )</b></p>	Nos	1		
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11	<p><b>Flexible Grasping Forceps 5Fr compatible with Adult Uretero-Renoscope, 7.5/8Fr</b>            Purpose :For endoscopic removal of stone fragments/Stent and foreign body from the ureter.            Main_Feature: Flexible Grasping forceps 5Fr compatible with Adult Uretero-Renoscope, 7.5/8Fr            Demo is mandatory (if required to end user)</p> <p>Rating/Capacity of Eqpt: Flexible Grasping forceps 5Fr compatible with Adult Uretero-Renoscope, 7.5/8Fr            Type : Trolley            Accessories:            NA            Desired Measurements : 5Fr compatible with Adult Uretero-Renoscope, 7.5/8Fr            Any Other Detail : NA            Ground Support Eqpt : NA            Civil Work: Not required            Expendables/Starter Kits : NA            Country of Manufacturing : Germany, Japan ,USA and other            Warranty : 2 Years            Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Urology OT )</b> <b>5</b></p>	Nos	5		
12	<p><b>Flexible Grasping Forceps 6Fr for use with Urethrocystoscope 19Fr, 22Fr</b>            Purpose :Grasping forceps are essential for endoscopic removal of DJ Stent, stone fragments and Foreign body from urinary bladder.            Main_Feature: Flexible Grasping Forceps 6 Fr for use with Urethrocystoscope 19Fr, 22Fr            Demo is mandatory (if required to end user)</p> <p>Rating/Capacity of Eqpt: Flexible Grasping Forceps 6 Fr for use with Urethrocystoscope 19Fr, 22Fr            Type : Trolley            Accessories:            NA            Desired Measurements : 6Fr for use with Urethrocystoscope 19Fr, 22Fr            Any Other Detail : NA            Ground Support Eqpt : NA            Civil Work: Not required            Expendables/Starter Kits : NA            Country of Manufacturing : Germany, Japan, USA and other            Warranty : 2 Years            Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Urology OT )</b> <b>5</b></p>	Nos	5		

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13	<p><b>High Flow O2 Ventilator</b></p> <p>Purpose :Delivery of high flow oxygen with positive airway pressure. Main_Feature: *FDA/CE approved. *Latest Model. *Delivery of warm moist gas @ high flow rate. *The device can perform all of Non Invasive Ventilation from High Flow Oxygen Therapy to Non-Invasive ventilation *Application: Oxygen Therapy, COPD, Bronchiectasis, Mucociliary Dysfunction, Chronic cough, Tracheostomy, Laryngectomy(Restrictive, Obstructive Pulmonary Disease) *Features: HFOT with an oxygen blender, BiPAP(S/T), CPAP, a humidifier and monitoring function for FiO2, respiratory rate *Multi-Functional Non-Invasive Respiratory Therapy System -Nasal High Flow Oxygen Therapy ;Flows that exceed patient demands at various minute volumes; Flow : 5-80 lpm or better FiO2 : 21-100% or better -Non-Invasive Ventilation IPAP : 4-30cmH2O minimum EPAP: 4-30cmH2O or better RR : 2-40bpm or better Ti : 0.3~3.0second minimum -Integrate high performance *The system should be supplied with 1 x Oxygen sensor/ built - in 1 x SpO2 sensor 1 x Temp sensor 1 x High pressure oxygen hose 1 x Oro Nasal mask 10 x Disposable Adult Kit that should include Nasal Cannula with pressure port, Breathing heated circuit, Water chamber Bacterial filter, Tube *Stabilizer a. Company should provide servo type voltage stabilizer along with the equipment *Reliability and Maintenance a. Availability of qualified engineers with suppliers for maintenance b. Reliable in terms of supplier *Warranty / guarantee period a. Should be at least 2 years from the date of commissioning of the equipment</p> <p>Rating/Capacity of Eqpt: / Type : Mobile Accessories: To be supplied with all complete &amp; Standard Accessories incl :- Circuit, Temp Probe, Nasal Cannula, Humiditication Chamber Filter, Oxygen Tube, Flow meter and Trolley. Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Builtin Safety Circuit for Voltage fluctuation Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : Europe, Japan &amp; USA Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( ICU )</b></p>	Nos	1		
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14	<p><b>Holmium Laser</b></p> <p>Purpose :- Main_Feature: *New/latest model. *FDA/CE certified. *Holmium laser 30-40 watt or better. *Frequency 30HZ or better. *Fiber diameter 200-1000mm (equipped) with high pulse energy upto 5 joules or better. *Should include re-useable laser fibers 200 micron-06 272 micron - 06 365 micron - 06 600 micron - 10 *Compatible Voltage stablizer.</p> <p>Rating/Capacity of Eqpt: 220 VAC, 50Hz freq. Type : Moveable either with trolley or wheels. Accessories: Voltage stability/eye protective glasses/spare cord cable (2 sets) *Fiber stripper set for each fiber size ceramic knife. *Silicon pad. *Eqpt caret. *Rides on 4 antistatic dual wheels equipped with locking brakes, main switch on cover, energy beam with integrated electrical subdistributors with 6 sockets. *2 draws with the bottom. *2 racks above accommodating laser. *Machine with stablizer. Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Powerful extension, power plugs Civil Work: - Expendables/Starter Kits : Laser fibers Country of Manufacturing : Europe, Japan &amp; USA Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Urology )</b></p>	Nos	1		
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15	<p><b>Hydrocollator</b></p> <p>Purpose :Superficial Muscle relaxation / Vasodilation Main_Feature: New / latest Model. FDA / CE approved. These durable stainless steel water tanks contain the Hydrocollator Moist Heat HotPacs. The units are thermostatically operated so that the HotPacs hold the ideal therapeutic temperature. They can almost indefinitely be used in clinics. Features: Full fiberglass insulation to prevent heat loss. Reliable, solid stainless steel design. Easy to fill with water. No water supply system needed. Constant temperature of the HotPacs is maintained. Mobile devices are equipped with rubber wheels so they can be easily moved. Technical specifications: Power supply: 110-240V 50/60Hz. Power consumption: 1500W or better. Tank capacity: 136 liters or better. Temperature range: 71-74 degrees Celsius. Thermal cut-off temperature.: 82-85 degrees Celsius. Fiberglass insulation: Yes.</p> <p>Rating/Capacity of Eqpt: 220 V AC Type : Mobile Accessories: Compelete standard accessories with 20 x extra hot packs Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : Europe, Japan &amp; USA Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Physiotherapy Rehab Deptt )</b>      <b>1</b></p>	Nos	1		

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16	<p><b>Magnifying Loupe</b>  Purpose :Required for delicate surgical procedures  Main_Feature: New / latest Model  FDA / CE approved  Magnifying Loupes 3.5 X Magnification:  Prismatic Loupes  Magnification: 3.5 X  Working Distance 42 cm</p> <p>Magnifying Loupes 2.5 X Magnification:  Standard Loupes  Magnification: 2.5 X  Working distance: 42 cm</p> <p>Rating/Capacity of Eqpt: As above at ser # 7  Type : Portable  Accessories:  Headband X 02  Frame for inserting prescription lens</p> <p>Desired Measurements : NA  Any Other Detail : NA  Ground Support Eqpt : Nil  Civil Work: Nil  Expendables/Starter Kits : NA  Country of Manufacturing : UK / Germany  Warranty : 2 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( OT II )</b></p>	no	2		
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17	<p><b>Motorized Electric Beds</b></p> <p>Purpose :Req to accomodate patients in the wards.  Main_Feature: New / latest Model.  Plastic Coated Metal Frame.  Four Castors and fifth steering wheel.  Central Breaking System.  Four Section Mattress plateform.  Full Sitting Facility.  Auto Contour and Telescopic Backrest.  Trendelenberg Tilt.  Push Button Controls including user control panel.  Anti Entrapment safety features.  Audible Break Off Alarm.  Lowest safety height Light Indicator.  Longitudinal Tilt Angle Indicator.  Backrest Elevation Angle Indicator.  Dual Sided Selective Locakout Switches.  Total Guard Side Rails.  Mobibar Egress Handles.  Built-in Extension.  Detechable Plastic Head and Foot Board Options.  Range of Pressure reliving Mattresses.  Lifting Poles.  Linen Holders.  Controlled 5th Wheel.  Variable Postures.  Bilateral Emergency CPR Control.  Moulded Removable Head and Foot Boards.  8 Patients Restraint Strap Holders.  150 mm Single Castor or better.  Low Position Indicator.  Steering Wheel in Bed Head.  Central Breaking on 4 Wheels.  Bilateral Accessory Holder.  4 Corner Bumpers.  4 Sockets for IV Poles and Patient Helper.  Compatible Washable Mattress Medical Grade.  Battery Operated with minimum 2 Hours Backup.  Weight bearing : 200 Kg or better</p> <p>Rating/Capacity of Eqpt: As above at ser 7  Type : Mobile  Accessories:  Power Cable  Battery  Washable Mattress  IV Stands  Remote Control (if any)  Desired Measurements : NA  Any Other Detail : NA  Ground Support Eqpt : Nil  Civil Work: Nil  Expendables/Starter Kits : NA  Country of Manufacturing : Europe, Japan,USA &amp; Pakistan  Warranty : 2 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Surgical Ward-II, Oncology, Pulmonology, Paeds, Gynae, Dialysis and Electro Med Store )</b></p>	Nos	66		
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18	<p><b>Muscle Stimulator</b></p> <p>Purpose :Used in surgery of anorectal malformations Main_Feature: New / latest Model Specifications for Battery operated unit:</p> <p>Pulse amplitude: selectable in 20, 30, 40, 60, 80, 100, 120, 140, 160, 180 and 200 mA Pulse duration: 200 μs or better Maximum pulse voltage: 220 V Pulse frequency: 50 pps or better Pulse shape:: rectangular biphasic Power supply: two 9 V alkaline batteries</p> <p>Specifications of Mains operated unit: Power: Push rod On/Off switch. Pulse Duration: LO (200μs) or HI (500μs), two position rotary switch. Current: 0-100mA, continuously adjustable dial. Compliance Voltage: 100V. Output Frequency: 50Hz. Output Enable: Toggle Switch (On is Up, Off/Reset is down)*. Output Connections: 4mm shrouded, touch-proof sockets (red and black) on 3/4<sub>i</sub> centres. Footswitch Connection Rear Panel 1/4<sub>i</sub> mono jack socket (for optional D185-FS1 Contact Closure Footswitch). Front Panel Indicators Power: Green LED, illuminated for power ON. Trigger: Amber LED, illuminated to indicate stimulus trigger is active. Compliance: Amber LED, illuminated if the compliance limit is reached i.e the current requested cannot be delivered (e.g. due to high resistance between probe tips). Reset/Fault: Red LED illuminated and latched for sensed over current and at power on. Other Power: 100-120V or 200-240V (externally selected), 47-63Hz, 12VA. Classification: Class 1 with Type BF applied part. Safety: EN 60601:2006. * When used with a D185-FS1 Footswitch, the toggle switch <sub>i</sub>arms<sub>i</sub> the stimulator and the footswitch activates the stimulus when pressed. Demo is mandatory (if req) to end user.</p> <p>Rating/Capacity of Eqpt: 220 V for Mains powered 18 V for battery cell operated unit</p> <p>Type : Stand (battery operated) Accessories: Extra Reusable Bipolar Stimulation Probes x 02 Foot switch (with the mains operated tabletop unit only)</p> <p>Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : Europe / USA Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( OT II )</b></p>	Nos	1		
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Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
19	<p><b>Pediatric Urethro Cystoscope 8Fr length 15cm with attached 2 Channels bridge 5Fr each, with 6 degree compatible telescope</b>  Purpose :For evaluation and treatment of lower urinary tract conditions in children  Main_Feature: Pediatric Urethro Cystoscope 8Fr length 15cm with attached 2 channels bridge 5Fr each, with 6 degree compatible telescope  Demo is mandatory (if required to end user)</p> <p>Rating/Capacity of Eqpt: Pediatric Urethro Cystoscope 8Fr length 15cm with attached 2 channels bridge 5Fr each, with 6 degree compatible telescope  Type : Trolley  Accessories:  Fiber optic light cable and Rubber seals for the channels  Desired Measurements : Pediatric Urethro Cystoscope 8Fr length 15cm with attached 2 channels bridge 5Fr each, with 6 degree compatible telescope  Any Other Detail : Autoclaveable  Ground Support Eqpt : NA  Civil Work: Not required  Expendables/Starter Kits : NA  Country of Manufacturing : Germany, USA&amp; Japan  Warranty : 5 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Urology OT )</b> <span style="float: right;"><b>1</b></span></p>	Nos	1		
20	<p><b>Retractor System Colon/Rectal Kit</b>  Purpose :Paediatric anorectal Surgery  Main_Feature: * New/latest  * FDA / CE approved  * Lone Star Retractor Ring, Aluminum - Reusable  * Aluminum, 14.5cm x 14.5cm  * Demo is mandatory.</p> <p>Rating/Capacity of Eqpt: As above at ser # 7.  Type : Portable  Accessories:  Nil  Desired Measurements : NA  Any Other Detail : NA  Ground Support Eqpt : Nil  Civil Work: Nil  Expendables/Starter Kits : Elastic Stays with hooks:  * 3 mm sharp hook (8/Pack) x 01 pack  * 5 mm sharp hook (8/Pack) x 01 pack  Elastic Stays mentioned above are expendable/disposable.  Country of Manufacturing : USA / Europe  Warranty : 2 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( OT II )</b> <span style="float: right;"><b>4</b></span></p>	Nos	4		



Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
21	<p><b>Reusable Perforator</b></p> <p>Purpose :Brain tumor removal safely and precisely.  Main_Feature: *FDA / CE approved  *Neuro High Torque and High Speed Perforator P200-PER Hand Piece for precise cutting the bone.  *P200-PER Hand Piece used for skull base surgeries.  *Coupling : Hudson Chuck  *Speed : High Rotational speed to 1250 RPM or better.  *Rotation Mode : Forward and Reverse.  *Noise : Low noise.  *Should be compatible to already held System Mfr: Primado, Japan.  *Primado, Japan (Preferred)  *Demo is mandatory (if req) to end user.</p> <p>Rating/Capacity of Eqpt: As above mentioned at ser # 7  Type : Portable  Accessories:  Nil  Desired Measurements : NA  Any Other Detail : NA  Ground Support Eqpt : Nil  Civil Work: Nil  Expendables/Starter Kits : Nil  Country of Manufacturing : Europe, Japan &amp; USA  Warranty : 2 years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Neurosurgery OT )</b></p>	Nos	2		
	<b>2</b>				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
22	<p><b>Rota Ablation</b></p> <p>Purpose :For the Treatment of Calcified Coronary Arteries Main_Feature: ROTAPRO Rotational Atherectomy System is the gold standard mechanism of action on an easy to use platform. The System features a trusted front-cutting concentric mechanism of action, stable rotation of a diamond-tipped burr that provides an excellent option for the treatment of calcified coronary arteries resistant to standard vessel prep techniques.</p> <p>Designed for Efficiency</p> <ul style="list-style-type: none"> <li>ζ Intuitive design reduces setup and procedural time</li> <li>ζ Streamlined connections for faster system setup</li> <li>ζ Easy-to-use controls, all at your fingertips</li> <li>ζ Operating system 2.0 provides hand-free Dynaglide, better burr response, and smoother sound</li> </ul> <p>Input Voltage 100 V - 240 V~ Frequency 50 Hz - 60 Hz Power 70 VA Continuous Operation or better Input Gas Compressed Air or Nitrogen Pressure 620.5 kPa - 758.4 kPa (90 psi - 110 psi) or better Flow Minimum, 140 l/min (5 scfm) or better at rated pressure. Ventilation Minimum 2.5 cm (1 in) or better clearance on all sides, with console on a hard flat surface. Temperature +10 °C to +40 °C or better Humidity 10% to 90% or better non-condensing</p> <p>Rating/Capacity of Eqpt: As mentioned above at ser # 7 Type : Stand type Accessories: To be supplied with all complete &amp; standard Accys incl:- * Pre-Connected Burr and advanced Device * 1.25mm, 1.5mm, 1.75mm, 2.0mm, 2.15mm, 2.25mm, 2.38mm, 2.5mm. * Guidewires * Floppy Guidewire with WireClip Torquer &amp; Extra Support Guidewire with WireClip Torquer. * Exchangable Burr Catheter * 1.25mm, 1.50mm, 1.75mm, 2.00mm, 2.25mm, 2.50mm, 2.15mm, 2.38mm.. * Cart * Power Cord, Type E/F * Power Cord, Type G * Power Cord, Type H * Power Cord, Type J * Power Cord, Type K * Rotapro Gas Hose, Braided, Clear 20' * WireClip Torquer - Box of 5 Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Compatible Servo control Stabilizer &amp; True Online Pure Sine Wave UPS Civil Work: Nil Expendables/Starter Kits : Catheters &amp; Guidewires Country of Manufacturing : Europe, Japan &amp; USA Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Cardiology )</b></p>	Nos	1		
	<b>1</b>				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
23	<p><b>Savary Gilliard Dilator Set</b></p> <p>Purpose :Req for Dilation of Esophageal Strictures in Children  Main_Feature: *New / Latest Model  *FDA / CE approved  *Metallic Guide Wire  *Soft Flexible Material (Silicon / Polyurethane)  *Built-in Radio-opaque Marker  *Sizes Range 5mm to 15mm or better(even/odd)  *Demo is mandatory (if req) to end user.  *Carrying/storage care - Standard  *Cleaning materials (Brushes etc) - Standand</p> <p>Rating/Capacity of Eqpt: As mentioned above at ser # 7  Type : Portable  Accessories:  Nil  Desired Measurements : NA  Any Other Detail : Prompt Backup Support  After Sales Service</p> <p>Ground Support Eqpt : Nil  Civil Work: Nil  Expendables/Starter Kits : Nil  Country of Manufacturing : UK, USA, Europe, China  Warranty : 2 Years  Likely Delivery Date :</p> <p><b>Project:</b>  <b>FFH Rawalpindi( Peads Ward )</b></p>	Nos	1		
	<b>1</b>				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
24	<p><b>Speech Generating Software with Accessories</b></p> <p>Purpose :Improves quality of life of both paediatrics and geriatric patients. Main_Feature: New / latest Model FDA / CE approved Speech Station - An easy portable clinic in an USB which records, analyses, displays and develops speech, voice and language parameters, diagnostics and therapeutics. provide real-time visual feedback. Speech Station consists of following Modules:- a. Voice b. Prosody c. Articulation d. Fluency e. Language Key Features: Dual Channel for comparison for modeling normal and disordered voice. Voice analysis on sounds and running speech. Spectrograph, spectrum and waveforms. Clinical progress, monitoring and tracking (clinical and research). Visual recorded files can be re used a million times. Computerized demographic record keeping. Automatic report generation. Administrator login and logout parameters, key for patients confidentiality of medical record. Demo is mandatory to end user.</p> <p>Rating/Capacity of Eqpt: As above mentioned at ser # 7 Type : Trolley Mounted Accessories: To be supplied with all complete and standard accessories Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : Europe, Japan &amp; USA Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Speech Therapy, Rehab deptt )</b></p>	Nos	1		
	1				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
25	<p><b>Stone Punch Complete Set</b></p> <p>Purpose :Endoscopic fragmentation and removal of bladder stones, without need of open surgery. Main_Feature: *FDA/CE approved *New/latest model Stone punch, complete set consisting of outer sheath, obturator, working element, telescope 30 degree with ligh cable (Karl Storz/Wolf/Olympus) Endoscopic mechanical fragmentation and removal of bladder stones, without need of open surgery.</p> <p>Rating/Capacity of Eqpt: As above Type : Portable Accessories: To be supplied with all complete &amp; standard accessories. Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil. Expendables/Starter Kits : Nil Country of Manufacturing : Karl Storz, Germany &amp; Olympus, Japan Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Urology Deptt )</b></p>	No	1		
	1				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
26	<p><b>Vascular Surgery Instruments Set</b></p> <p>Purpose :For vascular surgery Main_Feature: *New *For vascular surgery. *Pots-smith vessel scissors 60DG 175mm - 2pc. *Dietrich vessel scissors 25DG 180mm - 2 pc *Waittaner retractor 2x3 Tish 105mm. 2 pc *Waittaner retractor 3x4 Tish 130mm - 1 pc. *Retaining retractor 4x4 T.sh 170mm - 1 pc. *TC ryder needle holderdelsr 135mm - 1 pc. *TC ryder needle holderx-delserr 175mm - 1 pc. *TC ryder needle holders-delsr 210mm - 1pc *Diadust micro needle holder rd hdl 185mm. *Frazier sucluer-hub 9fr 102mmwrk-lgth - 1 pc. *De'bakey atr, bulldog clamp str 20/80mm - 2 pc. *De'bakey atr bulldog clamp str 45/105mm - 2 pc. *Pean--dehakey atr freps str 155mm - 2 pc *De'bakey-pear atr fcps str 89mm 265mm - 2pc. *De'bakey tangental clamp 2.48mm-wqide 265mm - 1 pc. *De'bakey tangental clamp 54/922/270mm - 1 pc. *De'bakey tangental clamp 5.75mm - w280mm - 1pc. *Bottom for 1/1 contrainer heigh 120mm - 1 pc. *Primeline 1/1 lid red - 1 pc *Basket wide perforation 540/253x106mm - 1 pc *Silcone basket liner large size - 1 pc. *Tray insert 1/2 size - 1 pc. *Instrument rack type 120x40mm. 2 pc *Muller microscissors st 170mm - 2 pc *Potts smith vestel scissors 18.5cm - 2 pc *55 degree angled on flat. *De,bakey lines build clamp atampature 35mm jaw length 20mm - 4 pc. *De'bukey bess build clamp 4mm maullange 30mm serrations lenght 10mm - 4pc *Castrovie needle holder w catch TC - 2 pc. *Castrovei needle w catch holder - 2 pc. *Ryder vascular needle holder TC 20cm - 2pc *Self retainer retractor small 2x3 prong - 2 pc. *Retractor certspain - 4 pc. *Bulldog clamps - 4 pc. *Demo is mandatory (if req).</p> <p>Rating/Capacity of Eqpt: As above Type : Portable Accessories: Nil Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : NA Civil Work: NA Expendables/Starter Kits : NA Country of Manufacturing : USA, Europe, Japan &amp; Pakistan Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( OT II )</b></p>	Set	1		
	<b>1</b>				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
27	<p><b>Vein Illuminator</b></p> <p>Purpose :Required for cannulation and blood samplings. Main_Feature: *FDA/CE Approved. *Latest Model. *It is helpful in passing IV cannula in newborns/premature babies. *It digitally projects the vein patterfn which reduces the cannulations/sampling errors. *Vein illumination system consisting of infrared light able to detect and project the vein patterns. *The device should be able to detect both superficial and deep veins. Not affected by hemogiobin levels. *The device should pose no hazands to the clinicians/patients. *Rechargeable battries. *LED optimization. *Stand held and handheld operation. *DFA approved.</p> <p>Rating/Capacity of Eqpt: As above Type : Portable with wheeled stand. Accessories: To be supplied with all complete and standard accessories including wheeled stand with basket. Desired Measurements : Nil Any Other Detail : *Prompt back up service. *After sales service (as per contract) *Warranty period (as per contract) Ground Support Eqpt : NA Civil Work: Nil Expendables/Starter Kits : Nil Country of Manufacturing : Europe, Japan &amp; USA Warranty : 2 years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( Peads Ward )</b></p>	No	1		
	<b>1</b>				

Sr#	Item Description/Specification	A/U	Qty Req	Rate per Unit	
				With out GST	With GST if Applicable
28	<p><b>Warming Mattress</b></p> <p>Purpose :Prevent hypothermia during operation Main_Feature: New / latest Model FDA / CE approved Warming Mattress (Various sizes from Neonate to older Child) Specifications: Flexible polymer heating sheet, with pressure relief pad under and 305g.m-2 expanded polyester comfort lining over. Encapsulated in latex-free, nylon fabric cover, with non-microporous polyurethane coating, fully sealed with RF welded seams. In-built temperature sensor and over-temperature thermal cut-out. Connection cable, 200 mm long, with strain relief, fully sealed entry grommet and IP61 rated waterproof connector. Sensors and cables let into pressure relief pad for patient comfort.</p> <p>Control Unit: 100 Vac to 240 Vac (<math>\pm 6\%</math>), 50Hz/60Hz (auto-ranging), 100W</p> <p>Battery Input (Optional): Integrated battery module Capacity: 1 hour for standard full-length mattress (OTM1) from full charge Charging: Automatic charging when mains power applied 18-hour charge time from complete discharge to fully charged.</p> <p>- Neonatal Mattress: Medium (610mm x 430mm)</p> <p>- ½ length Mattress: (1070mm x 535mm)</p> <p>Rating/Capacity of Eqpt: As above at ser # 7 Type : Portable Accessories: To be supplied with all complete &amp; standard accessories Desired Measurements : NA Any Other Detail : NA Ground Support Eqpt : Nil Civil Work: Nil Expendables/Starter Kits : NA Country of Manufacturing : UK Warranty : 2 Years Likely Delivery Date :</p> <p><b>Project:</b> <b>FFH Rawalpindi( OT II )</b></p>	Nos	2		
	<b>2</b>				