

SIBL Foundation
Fattah Plaza, 70 Green Road
Dhaka

Ref: SIBL/HO/SF/2017/1150-A

Date: 06.09.2017

Sub: Invitation of Re-tender for purchasing and supplying of Laparoscope for General Surgery, Basic Arthroscopy set, Instrument Urological Procedures and Electro Surgical Motor System for Neuro Surgery with all the related accessories in SIBL Foundation Hospital and Diagnostic Center, Fattah Plaza, 70 Green Road, Dhaka.

1	Name of the Institution	SIBL Foundation		
2	Procuring Entity Name	Social Islami Bank Limited, Logistic Support Division, Head Office, Dhaka		
3	Invitation of tender	purchasing and supplying of Laparoscope for General Surgery, Laparoscope for Orthopedics Surgery and Electro Surgical Motor System for Neuro Surgery in SIBL Foundation Hospital and Diagnostic Center, Fattah Plaza, 70 Green Road, Dhaka. For detail specifications, instruction & terms and conditions please scroll below or visit website www.siblb.com		
4.	Invitation for Quotation Ref. & Date	SIBL/HO/SF/2017/1214-B date 06.09.2017		
5	Procurement Method	Open Tendering Method		
6	Source of Fund	SIBL Foundation		
7	Tender Last Selling Date	Not Applicable		
8	Date & Time for Submission, Closing & Opening of Tenders	Submission Date	Closing time	Opening Time
		14.09.2017	03.00 pm	03:30 pm
9	Name and address of the Office for receiving tender(s)	Senior Executive Vice President, Member, Technical Implementation Committee, Level-29, City Centre, 90/1 Motijheel C/A, Dhaka-1000		
10	Time for Completion of entire works	Within 30 days from the date of issuing of the work order		
11	Place of opening tender documents	Social Islami Bank Limited, Level-29, City Centre, 90/1 Motijheel C/A, Dhaka-1000		
12	Eligibility of Tender(s)	The bidder must have (a) valid e-mail address (b) Valid Trade License (c) VAT Registration (d) TIN (e) Experience to any Private Hospital (s) solvency Certificate (f) Full address with e-mail and website (g) Related profile (h) Original brushier -the bidder(s) must be solvent to execute any work order without receiving any advance bill from the bank. The bidder must not be a bank.		
15	Tender Security	Tk. 1,00,000/- (Taka one Lac) only in the form of Payment Order (Refundable) favoring "SIBL Foundation". The interested bidders shall have to submit the price of Tender Document and Tender Security separately in the form of Payment order in the tender submission date.		
16	Tender Schedule Price	Tk.3,000/- (three thousand) only (non refundable) in the form of Payment Order of any Schedule Bank favoring SIBL Foundation.		
17	Address of Official Inviting Tender	Logistic Support Division, Social Islami Bank Limited Level-29, City Centre, 90/1 Motijheel C/A, Dhaka-1000		
18	Contact Details	Telephone No. 09612001122, email: lsd@sibl-bd.com		
19	Machine	Brand new as per specification.		
20	Price	The rate shall be quoted in the bidders Letter Heads complying all specifications and terms and conditions of this tender. Incomplete tender/offer will be invalid. The bidders' tender shall be inclusive of the costs of transportation, carrying, rigging, installation/fitting, testing, commissioning at the specified site and VAT & Tax etc as per Government Rule for Local Supply.		
21	Validity of tender	30 days		
22	Mode of payment	The supplier will have to submit bill with original Mushak-11 Challan after delivery with origin and successful supply, installing/fitting, testing and commissioning subject to approval of the competent authority.		
23	Supply of Machinery	Ready Stock/Letter of Credit (LC)		
22	Performance Security	10% (ten percent) of the entire bill amount will be retained as performance security for 1 (one) year from the date of successful commissioning of the above items subject clearance of the respective Incharge of SIBL Foundation Hospital and Diagnostic Center if Local supply.		

23	Special Instruction	The tender process will be guided as per Tender Bidding & Purchase Policy of the Bank and as per specific instructions and terms & conditions mentioned in the bank's website www.siblbld.com. The Authority of the Bank/SIBL Foundation reserves the right to reject any or all quotation prior to acceptance and is not bound to select the lowest bidder.
24	Country of Origin, Manufacturer and Brand	Bidder must be mentioned in their Offer.
	Warranty	2 year full replacement warranty with service

A. Financial Specifications for purchasing and supplying of Laparoscope for General Surgery, Basic Arthroscopy set, Instrument Urological Procedures and Electro Surgical Motor System for Neuro Surgery.

Item no.	Name of the Items & Description	Qty.	Amount
01	Laparoscope for General Surgery	1 set	
02	Basic Arthroscopy set	1 set	
03	Instrument Urological Procedures	1 set	
04	Electro Surgical Motor System for Neuro Surgery	1 set	

B. Technical Specifications for purchasing and supplying of Laparoscope for General Surgery, Basic Arthroscopy set, Instrument Urological Procedures and Electro Surgical Motor System for Neuro Surgery.

Item No. 1 # Laparoscope for General Surgery

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
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A Hand Instruments:

01	Veress Pneumoperitoneum Needle with spring-loaded blunt stylet, Luer-lock, length 10 cm	1 pc		
02	Trocar, size 11 mm, consisting of: 30103P Trocar only, with pyramidal tip 30103H2 Cannula without valve, with insufflation stop- cock, length 10.5 cm 30103M1 Multifunctional Valve, size 11 mm	2 pc		
03	Trocar, size 6 mm, consisting of: 30160P Trocar only, with pyramidal tip 30160H2 Cannula without valve, with insufflation stop- cock, length 10.5 cm 30160M1 Multifunctional Valve, size 6 mm	2 pc		
04	Reducer 11 / 5 mm	1 pc		
05	Reduction Sleeve, reusable, instrument diameter 5mm, trocar cannula O.D. 11mm	1 pc		
06	HOPKINS II Straight Forward Telescope 0°, enlarged view, diameter 10 mm, length 31 cm, autoclavable, fiber optic light transmission incorporated	1 pc		
07	Click Line REDDICK-OLSEN Dissecting and Grasping Forceps (Dolphin tip), rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, double action jaws, consisting of: 33121 Plastic Handle, without ratchet 33300 Outer Tube, insulated 33310KJ Forceps Insert	1 pc		
08	Click Line KELLY Dissecting and Grasping Forceps (Maryland tip), rotating, with connector pin for unipolar coagulation, size 5 mm, length 36cm, double action jaws, consisting of: 33121 Plastic Handle, without ratchet 33300 Outer Tube, insulated 33310MD Forceps Insert	1 pc		

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
09	Click Line REDDICK-OLSEN Dissecting and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, heavy, double action jaws, consisting of: 33122 Plastic Handle, with ratchet 33300 Outer Tube, insulated 33310UL Forceps Insert	1 pc		
10	Click Line Grasping Forceps, 2 x 4 teeth, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36cm, double action jaws, consisting of: 33122 Plastic Handle with ratchet 33300 Outer Tube, insulated 33310G Forceps Insert	1 pc		
11	Click Line Metzenbaum Scissors, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, blades curved, double action jaws, length of blades 12 mm, consisting of: 33121 Insulated Handle, without ratchet 33300 Outer Tube, insulated 34310MS Scissors Insert	1 pc		
12	Click Line Babcock Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36cm, double action jaws, consisting of: 33121 Plastic Handle, without ratchet 33300 Outer Tube, insulated 33310A Forceps Insert	1 pc		
13	RoBi Bipolar Grasping Forceps, Clermont-Ferrand model, rotating, dismantling, with connector pin for bipolar coagulation, especially suitable for dissection, double action jaws, size 5 mm, length 36 cm, consisting of: 38151 Plastic Handle, without ratchet 38600 Metal Outer Sheath 38610MD Forceps Insert	1 pc		
14	KOH Macro Needle Holder, ergonomic handle with ratchet, left curved jaws, with tungsten carbide inserts, size 5 mm, length 33cm for use with suture material 0/0-7/0	1 pc		
15	Dismantling Fan Retractor, distendable, size 5 mm, length 36cm	1 pc		
16	Dissecting Cannula, L-shaped, strong, size 5mm, length 36cm, with trumpet valve	1 pc		
17	Suction Coagulator, size 5mm, length 36cm, with trumpet valve	1 pc		
18	Clip Applicator, for use with Titanium Clips (medium large), dismantling, rotating, with ratchet to lock the jaw part holding the clip, size 10 mm, length 36 cm, consisting of: 30444H Metal Handle, with ratchet 30444A Metal Outer Tube 30440LR Insert	1 pc		
19	Titanium Ligating Clips (medium large), sterile, box with 20 cartridges, 6 clips each (Vesocclude, USA)	1 box		
20	Injection Needle, LUER-lock, diameter 1.2 mm, size 5 mm, length 43 cm	1 pc		
21	Monopolar High Frequency Cord with 4 mm plug for HF-unit, length 300 cm	1 pc		
22	Bipolar High Frequency Cord, length 300 cm	1 pc		

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
B	<u>Electronic CO2 Insuflator:</u>			
1	ENDOFLATOR 40 SCB, with integrated SCB module, capacity 40L/min , power supply 220VAC, 50Hz consisting of: Origin: Switzerland UI400 ENDOFLATOR 20090170 SCB Connecting Cable, length 100cm 20400030 Universal Wrench 031210-03 Heated Insufflation Tubing Set, with gas filter, sterile, for single use, package of 3 30103 HP HiCap Trocar, size 11 mm	1 pc		
C	<u>Common Equipments for use with Laparoscopy, Urology & Arthroscopy:</u>			
1	IMAGE 1 H3-Z Three-Chip FULL HD Camera system, progressive scan, Digital zoom: 2x, Optical zoom: 2x, Image Sensor: 3x 1/3 CCD chip, Programmable functions: 11x, soakable, gas- and plasma-sterilizable, with integrated Parfocal Zoom Lens, focal length f = 15 - 31 mm (2x), 2 freely programmable camera head buttons <u>Special features:</u> Origin: USA <ul style="list-style-type: none"> • Forward and backward compatibility • Intelligent icons – Intuitive, graphic display of respective status • Dashboard – quick overview at system start • Live menu during the OR • Razor sharp images in Full HD • Modes for homogenous illumination, contrast enhancement and color inversion <u>consisting of:</u> Mains Cord, length 300 cm DVI Connecting Cable, length 300 cm SCB Connecting Cable, length 100 cm USB Flash Drive, 32 GB USB Silicone Keyboard, with touchpad	1 pc		
02	Cold Light Fountain Power LED 175 light source, with integrated SCB, with mains cord, Average lamp life of approx. 30000 hours, Power Supply: 220VAC, 50Hz with mains cord	1 pc		
03	Fiber Optic Light Cable, extremely heat-resistant, enhanced light transmission, diameter 4.8 mm, length 250 cm	1 pc		
04	FULL HD Monitor, size 26 inch, color systems PAL/NTSC, max. screen resolution 1920 x 1080, image format 16:9, Video inputs: DVI, 3G-SDI, VGA, S-Video, Composite, Video outputs: DVI, 3G-SDI, Composite, power supply 220VAC, 50Hz, 5 V DC output (1 A) including: External 24 VDC Power Supply Mains Cord (Brand: Panasonic, Indonesia)	1 pc		

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
05	Equipment Cart, wide, high, rides on 4 antistatic dual wheels equipped with locking brakes, mains switch on cover, central beam with integrated electrical subdistributors with 12 sockets, grounding plugs, Dimensions in mm (w x h x d): Equipment cart: 830x1474x730, Shelf: 630x25x 510, Caster diameter: 150mm with Monitor Holder	1 pc		
D	<u>Disinfection system:</u>			
1	Disinfection System for cleaning and disinfection solutions, Plastic basin with lid and filter, size 705x220x95 mm (Origin: USA)	2 pc		
2	Oil for Instruments, 50 ml bottle	1 pc		

Sub-total, 1

Brand : Karl Storz
 Manufacturer : KARL STORZ GmbH & Co. KG, Germany
 Country of Origin : Germany, USA & Switzerland
 Warrantee : Warranty for a period of 24 (twenty four) months from the date of installation, and commissioning.
 After Sales Service : As and when required (free of cost within warranty period and after warranty it will be provided at competitive price.
 Price : Sales Tax, VAT, AIT etc. are included with the quoted price.

Item No. 02 # Basic Arthroscopy set

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
<u>A. Hand Instruments for Arthroscope:</u>				
01	HOPKINS II Wide Angle Forward- Oblique Telescope 30°, enlarged view, diameter 4 mm, length 18 cm autoclavable. Fiber optic light transmission incorporated.	1 pc		
02	Arthroscope Sheath, diameter 5.5mm, working length 12cm, with two rotatable stopcocks	1 pc		
03	Obturator, Blunt, for use with Arthroscope Sheath	1 pc		
04	SilCut Punch, through-cutting, cutting width 3.4mm, straight jaws, sheath diameter 3 mm, straight, handle with cleaning connector, working length 12cm	1 pc		
05	SilCut Punch, through-cutting, cutting width 3.4mm, curved jaws, 15° upwards, sheath diameter 3mm, straight, handle with cleaning connector, working length 12 cm	1 pc		
06	ARTHROFORCE III, Take-apart BLAKESLEY Forceps, universal, straight, diameter 3.5 mm, working length 13cm, consisting of: 64169A Handle, without ratchet 64066A Working attachment	1 pc		
07	ARTHROFORCE III Hook Scissors, straight, size 3.5mm, working length 13 cm consisting of: 64169A Handle, without ratchet 64068B Working attachment	1 pc		
08	Arthroforce III, Take-apart Grasping Forceps, with hook, diameter 3.5 mm, working length 13 cm, consisting of: 64169 A Handle, without ratchet 64069 L Working attachment	1 pc		
09	Meniscus Grasping Forceps with hook and ratchet	1 pc		

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
10	Smillie Knife, straight, 3.5 mm width	1 pc		
11	Strobel Curette, oval, large, curved 30°, length 13cm	1 pc		
12	Micro-fracturing Chisel, straight, working length 12cm	1 pc		
13	Micro-fracturing Chisel, angled 30°, working length 12cm	1 pc		
B	<u>Shaver System:</u>			
01	High Speed Powershaver System <u>Features:</u> Can be used with Standard, High Speed & Multifunctional Handpiece Working Direction should be Counter Clockwise, Clockwise, Oscillating Should have Pre-programmed user-defined memory for several physician. Handpiece should be autoclavable. Power supply: 220 VAC, 50 Hz. Origin: Switzerland <u>consisting of:</u> Power Shaver Control Unit SCB connecting cable Mains Cord	1 pc		
02	Shaver handpiece, Rotation up to 8000 rpm/min, possible to lock blades in four positions (0°, 90°, 180°, 270°), suction regulation via a rocker lever, sophisticated ergonomic design allows various hand positions, suitable for use in both large and small joints, detachable distal end of the handpiece for optimal cleaning	1 pc		
03	Aggressive Full Radius Resector, reusable, sterilizable, diameter 4.2 mm, working length 120mm	1 pc		
04	End Cutter, reusable, sterilizable, diameter 4.2mm, working length 120 mm	1 pc		
05	Round Burr, reusable, sterilizable, diameter 4.2mm, working length 120 mm	1 pc		
06	Full Radius Resector, reusable, sterilizable, diameter 4.2 mm, working length 120 mm	1 pc		

SUB TOTAL-2

Taka

Brand : Karl Storz
 Manufacturer : KARL STORZ GmbH & Co. KG, Germany
 Country of Origin : Germany, USA & Switzerland
 Warrantee : Warranty for a period of 24 (twenty four) months from the date of installation, and commissioning.
 After Sales Service : As and when required (free of cost within warranty period and after warranty it will be provided at competitive price.
 Price : Sales Tax, VAT, AIT etc. are included with the quoted price.

Items no. 3# Urological Procedures,

SN	Description of Goods	Qty.	Unit Price Taka	Total Price Taka
<u>A. Instruments for Lower Tract Urological Procedures, Adult</u>				
01	HOPKINS Forward-Oblique Telescope 30°, diameter 4mm, length 30 cm, autoclavable, fiber optic light transmission incorporated	1 pc		
02	Cystoscope-Urethroscope Sheath, 20 Fr., consisting of: 27026C Cystoscope-Urethroscope Sheath 27026CO Obturator and 2 Luer-Lock Cones	1 pc		
03	MARBERGER sen. Optical Short Jaw Biopsy Forceps, double action jaws	1 pc		

04	Resectoscope Sheath, 26 Fr., oblique beak, fixed inner sheath with ceramic insulation, color code: yellow consisting of: 27040 SL Resectoscope Sheath 27040 XA Inner Sheath 2 x 27282 Connecting Tube for In- and Outflow	1 pc		
05	Standard Obturator, for 26 Fr. Sheaths	1 pc		
06	Working Element, consisting of: 27050E 1 Working Element 27050G 2 Cutting Loops 27050N 2 Coagulating Electrodes 277 2 High Frequency Cords 280 1 Protection Tube	1 pc		
07	ELLIK Evacuator	1 pc		
08	Injection Cannula, 6 Fr., flexible, length 50 cm	1 pc		
09	SACHSE, Urethrotome Sheath, 21 Fr., with channel for Filiform-Bougies, Consisting of: 27068 D SACHSE, Urethrotome Sheath and 2 Luer-lock adaptors	1 pc		
10	Obturator, for urethrotome sheath, 21 Fr.	1 pc		
11	Telescope Bridge, with channel for instruments up to 5Fr.	1 pc		
12	LUDVIK Cold Knife straight, wave-form	1 pc		
13	OTIS-MAUERMAYER Urethrotome parallel expanding, length of dilating surface 16 cm, with 2 knives, consisting of: 27578 A OTIS-MAUERMAYER Urethrotome 27578 AX Tip, conical point 27578 AM Knife	1 pc		
14	Punch-Working Element	1 pc		
15	Punch Sheath, with Central Valve, 25 Fr., straight beak, consisting of: 27077 BZ Resectoscope sheath 27077 DO obturator and connecting tubes for in- and outflow	1 pc		
16	Sheath Insert, with channel for flexible instruments, 7Fr., with atraumatic beak for urethroscopy, with two Seals 27550C	1 pc		
B	<u>Instruments for Upper Tract Urological Procedures:</u>			
01	Uretero-Renoscope, 7 Fr., with angled eyepiece, autoclavable, fiber optic light transmission incorporated <u>Technical Specifications:</u> Distal tip: 6.5 Fr. Instrument sheath: 7 Fr., one-step, 9.9 Fr. Working channel: 4.8Fr. for use with instruments up to 4Fr. Telescope: Karl Storz fiber optic system, direction of view 6° Length: 43 cm Eyepiece Angled, rigid <u>consisting of:</u> 27000 L Uretero-Renoscope 27001 E Insertion Aid 27001 G Instrument Port with Sealing System and Quick Release Lock 27500 Luer-Lock Tube Connector, male 27502 Luer-Lock Tube Connector, with stopcock 27550 N Seal, package of 10 27504 Flow Control Stopcock	1 pc		
02	Uretero-Renoscope, 9.5 Fr., with angled eyepiece,	1 pc		

	autoclavable, fiber optic light transmission incorporated <u>Technical Specifications:</u> Distal tip: 8 Fr. Instrument sheath: 9.5 Fr., conical, 1 step, 9.5 – 13.5Fr. Working channel: 6Fr. for use with instruments up to 5Fr. Telescope: Karl Storz fiber optic system, direction of view 6° Length: 43 cm Eyepiece: Angled, rigid <u>consisting of:</u> 27002L Uretero-Renoscope 27001E Insertion Aid 27001G Instrument Port with Sealing System and Quick Release Lock 27500 Luer-Lock Tube Connector 27502 Luer-Lock Tube Connector 27550N Seal, package of 10 27504 Flow Control Stopcock				
03	Grasping Forceps for stone fragments, double action jaws, 4 Fr., rigid, length 60 cm	1 pc			
04	Grasping Forceps for large stone fragments, double action jaws, 4 Fr., rigid, length 60 cm	1 pc			
05	Grasping Forceps for stone fragments, rigid, double action jaws, 5 Fr., length 60 cm	1 pc			
06	Grasping Forceps for large stones and stone fragments, double action jaws, 5 Fr., rigid, length 60 cm	1 pc			
C. Standard Percutaneous Nephroscope (PCNL) with accessories:					
01	HOPKINS Wide Angle Straight Forward Telescope 6°, with parallel eyepiece, autoclavable, fiber optic light transmission incorporated with working channel, with Luer-Lock connection for inflow, including: 2 x Sealing Cap 6127390	1 pc			
02	Telescope Dilation Kit, for tract dilation, consisting of: 27290 A Telescope Dilation Kit, including 6 dilation sleeves 9, 12, 15, 18, 21 and 24 Fr., with 2 rigid guide wires and 2 flexible guide wires	1 pc			
03	Dilator, 27 Fr., for use with 27290 A	1 pc			
04	Dilator, 30 Fr., for use with 27290 A	1 pc			
05	Operating Sheath, 24 Fr., for continuous irrigation and suction, with Luer-Lock stopcock, rotatable,	1 pc			
06	Hollow Obturator for 24 Fr. sheath	1 pc			
07	Forceps, for grasping larger stones and stone fragments, with fenestrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm	1 pc			
08	Forceps, for grasping larger stones and stone fragments, with serrated jaws and ring handle, double action jaws, 10.5 Fr., length 38 cm	1 pc			
09	Puncture Cannula for puncture of renal calices including inner and outer cannulas	5 pc			
10	Guide wire, for introduction through the cannula 27091 K/A, package of 2	1 pc			
11	Dilation Cannula, size 3 mm, for introduction of a second safety guide wire 27091 S, consisting of an inner and outer cannula	1 pc			
D. Miniature Nephroscope (PCNL) with accessories:					
01	Miniature Nephroscope 12°, with angled eyepiece, instrument sheath 12 Fr., length 22 cm, autoclavable, one working channel 6.7 Fr. for instruments up to 5Fr., fiber optic light transmission incorporated. Following accessories are included:	1 pc			

	27001GP Instrument Port with Sealing System and Quick Release Lock 27550N Seal, package of 10 27500 LUER-Lock Tube Connector, male 27502 LUER-Lock Tube Connector 27001E Insertion Aid 39501XK Wire Tray			
02	One Step Dilator, with central channel and a second eccentric channel for guide wires, for use with 16.5/17.5Fr. Operating Sheaths 27830 BB/BBS	1 pc		
03	One Step Dilator, with central channel for guide wires and distal curved channel for deflection of guide wires, for use with 21/22 Fr. Operating Sheaths 27830BC/BCS	1 pc		
04	Operating Sheath, 16.5/17.5 Fr., working length 15 cm, for continuous irrigation and suction for use with Nephroscope for MIP M 27830 KA, One Step Dilator 27830 AB and Applicator 27830 CF	1 pc		
05	Operating Sheath, 21/22 Fr., working length 15 cm, for continuous irrigation and suction, for use with Nephroscope for MIP M 27830 KA, One Step Dilator 27830 AC and Applicator 27830 CFS	1 pc		
06	Grasping Forceps for Foreign Bodies, 5 Fr., double action jaws, flexible, length 40 cm, for use with 27830KA	1 pc		
07	Grasping Forceps, rigid, for large stones and stone fragments, 3 expanding jaws and small fixation spikes, with spring handle, length 36 cm, for use with Nephroscope for MIP L 27830 KA and instrument port 27001 GP	1 pc		
E. Pneumatic Lithotripter with accessories:				
01	Calculusplit system for Pneumatic Lithotripsy, provide the efficiency of the system very high and ensures effective fragmentation, low pulse frequency, smallest probe diameter allow efficient irrigation and optimum endoscopic visualization. <u>Included accessories:</u> 27630020 Calculusplit 400A Mains Cord 20014230 One-Pedal Footswitch, digital, two-stage 27630021 Fabric Tube, length 400 cm 27630038 Calculusplit Handpiece, autoclavable 27630180 Sealing Rings, package of 5 27630035 Spare Damping Unit, package of 20 27630040 Silicone Tube, autoclavable, length 200 cm 27650C Cleaning Brush, diameter 2.5 mm, length 35 cm 27656B Instrument Oil, bottle of 50 ml	1 pc		
02	Adaptor, autoclavable	1 pc		
03	Air Compressor, 0-8 bar, power supply: 220 VAC, 50Hz	1 pc		
04	Lithotripsy-Wire- Probe, diameter 0.8mm, for URS	2 pc		
05	Lithotripsy-Wire- Probe, diameter 1.0mm, for URS	2 pc		
06	Lithotripsy-Wire-Probe, diameter 1.6 mm, for PCNL	2 pc		
07	Lithotripsy-Wire-Probe diameter 2.0 mm, for PCNL	2 pc		

F. Single Chip Camera system with Zoom Function:				
01	TELECAM SL II Endovision digital single chip camera, with integrated Karl Storz Image Processing Module, color system PAL <u>consisting of:</u> 20213020 Telecam SL II Camera Control Unit 400A Mains Cord 20212030 TELECAM Camera Head, with integrated Parfocal Zoom Lens, f = 25 mm - 50 mm 536MK BNC Connecting Cable, 180 cm 547S S-VHS Connecting Cable, 180cm 20201231U Keyboard with english character	1 pc		
02	Cold Light Fountain LED nova 150, including Mains Cord Very high energy efficiency with the latest LED technology, Average lamp life of approx. 30000 hours	1 pc		
03	Fiber Optic Light Cable, with straight connector, diameter 3.5 mm, length 230 cm	1 pc		
04	LED(LCD) Color TV Monitor, Size 24 inch (Samsung/LG)	1 pc		

SUB TOTAL -3

Taka

Brand : Karl Storz
 Manufacturer : KARL STORZ GmbH & Co. KG, Germany
 Country of Origin : Germany, USA, Italy & Switzerland
 Warrantee : Warranty for a period of 24 (twenty four) months from the date of installation, and commissioning.
 After Sales Service : As and when required (free of cost within warranty period and after warranty it will be provided at competitive price.
 Price : Sales Tax, VAT, AIT etc. are included with the quoted price.

Item No. 04 # Electro Surgical Motor System for Neuro Surgery.

Cat. No.	Description of Goods	Qnty.	Unit Price	Total Price Taka
01	<p><u>SYSTEM ADVANTAGES:</u></p> <p>CONTROL UNIT</p> <ul style="list-style-type: none"> <input type="checkbox"/> control unit with integrated irrigation pump <input type="checkbox"/> easy and comfortable operation through self-explanatory Touch Screen <input type="checkbox"/> control unit stores the most recently used settings and recalls them automatically when the respective motor type gets reconnected. <input type="checkbox"/> The control unit allows a customised adjustment of the working parameters. The following settings can be adapted to the individual needs/habits <input type="checkbox"/> Any software updates can be performed locally via USB-Stick. <input type="checkbox"/> All applied parts can be connected to one cable <p>FOOT CONTROL</p> <ul style="list-style-type: none"> <input type="checkbox"/> rocker switch for pump and forward/reverse selection <input type="checkbox"/> flush irrigation mode <input type="checkbox"/> pedal can be disassembled for easy cleaning <input type="checkbox"/> pedal can be rinsed under the tap <input type="checkbox"/> well positioned holding rail allows the convenient relocation of the pedal through the surgeon by foot 			

	<p>MOTOR SETTINGS:</p> <ul style="list-style-type: none"> <input type="checkbox"/> acceleration/stopping characteristics can be individually adjusted for each motor type <input type="checkbox"/> irrigation flow setting for each motor type <p>ALL APPLIED PARTS:</p> <ul style="list-style-type: none"> <input type="checkbox"/> all applied parts have an integrated motor – and therefore always the correct motor <input type="checkbox"/> powerful EC motors – constant power through special motor actuation <input type="checkbox"/> small size, low weight and enhanced ergonomics through integrated motor <input type="checkbox"/> all applied parts feature an on/off control <input type="checkbox"/> all couplings are keyless plug and play couplings <input type="checkbox"/> self-explanatory - all operating elements are golden marked <p>HIGHSPEED HANDPIECES</p> <ul style="list-style-type: none"> <input type="checkbox"/> speed range 0- 80,000 rpm <input type="checkbox"/> universal burr length – one burr fits all handpiece lengths <input type="checkbox"/> extremely large selection of high class burrs for excellent cutting and reaming performance <input type="checkbox"/> small size and enhanced ergonomics through integrated motor <input type="checkbox"/> handpiece shaft only 5.6 mm in diameter for good view and access <input type="checkbox"/> increased safety: burrs can only be exchanged when handpiece in Off-position <input type="checkbox"/> smooth running characteristics through direct drive (motor in line with the burr, no angle gears) <input type="checkbox"/> automatic burr coupling – burr just clicks in <input type="checkbox"/> clear handpiece burr coding by ring system <input type="checkbox"/> craniotome handpiece can be turned into a short handpiece for superficial drill works enabling all works to be done related to craniotomy <p>PERFORATOR DRIVER</p> <ul style="list-style-type: none"> <input type="checkbox"/> speed range 0–1,200 rpm <input type="checkbox"/> unique 3 in 1 design: motor, handpiece and Hudson coupling combined in one for smallest possible design and good ergonomics <input type="checkbox"/> perforator coupling inside the handpiece – no moving coupling parts on the outside allow a completely distal grip and ensure safe operation 				
	Comprehensive system includes:				
01	Elan 4 Electro Control Unit	1 pc			
02	Mains Cord 5m Long	1 pc			
03	Elan 4 Electro motor cable	1 pc			
04	Elan 4 Electro foot control	1 pc			
05	Elan 4 Electro handpiece standard, 1-ring, L7	1 pc			
06	Elan 4 Electro perforator driver	1 pc			
07	Elan 4 Electro Craniotome And Multifunction Handpiece	1 pc			
08	Elan 4 Electro fixed duraguard, standard	1 pc			
09	Elan 4 Electro disposable tube set for irrigation pump	1 pc			

10	Disposable spray nozzle, for 1-ring handpeice, L7	1 pc		
11	Rosen burrs, diameter 3.0mm	2 pc		
12	Rosen burrs, diameter 4.0mm	2 pc		
13	Rosen burrs, diameter 5.0mm	2 pc		
14	Diamond burrs, coarse, diameter 3.0mm	2 pc		
15	Diamond burrs, coarse, diameter 4.0mm	2 pc		
16	Diamond burrs, coarse, diameter 5.0mm	2 pc		
17	Cranial Perforator 9/12mm Hudson Shank	1 pc		
18	Spare Cutter for use with duraguard, 2-ring	1 pc		
19	Craniotome cutter, spiral type	2 pc		
20	Container bodies without base perforation, outside dimensions: 592x274x120mm	1 pc		
21	Inner lid, color- silver	1 pc		
22	1/1 Size Perforated Wire Basket, size 540x253x76mm	1 pc		
23	Elan 4 Electro Eccos holder for perforator driver	1 pc		
24	Elan 4 Electro Eccos holder for motor	1 pc		
25	Elan 4 Electro Eccos holder for 1 handpiece	1 pc		
26	Elan 4 Electro Eccos holder for 3 handpiece	1 pc		
27	Elan 4 Electro Eccos holder for craniotome	1 pc		
28	Elan 4 Electro Eccos holder for micro sagital saw	1 pc		
29	Elan 4 Electro Eccos holder for reciprocating saw	1 pc		
30	Elan 4 Electro Eccos holder for motor cable	1 pc		
31	Elan 4 Electro Eccos holder for 12 burrs	1 pc		
32	Elan 4 Electro Eccos holder for 3 craniotome attachment	1 pc		
33	Elan 4 Electro Eccos holder for saw blades	1 pc		
34	Eccos cable/hose positioning guide	1 pc		
35	Sterilit Power Systems Oil Spray 300ml	1 pc		

Sub Total-4

Brand : Aesculap
Manufacturer : Aesculap AG
Country of Origin : Germany
Warrantee : Warranty for a period of 24 (twenty four) months from the date of installation, commissioning
After Sales Service : As and when required (free of cost within warranty period and after warranty it will be provided at competitive price).
Price : Sales Tax, VAT, AIT etc. are included with the quoted price.

(Md. Akbar Ali)

Member, Technical Implementation Committee,
 SIBL Foundation,
 Level-29, City Centre, 90/1 Motijheel C/A, Dhaka-1000
 Phone- 09612001122
 E-mail address: lsd@sibl-bd.com