# The transition or College

### PESHAWAR INSTITUTE OF CARDIOLOGY

#### **MEDICAL TEACHING INSTITUTION, PIC - MTI**

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### **Notification**

Date: 01-04-2024

## TECHNICAL BID EVALUATION REPORT FOR THE PURCHASE OF Minimally Invasive Cardiac Surgery Instrument (MICS) LOT 01 & Video Endoscope LOT 02 PIC-073

Reference to the bid opening meeting dated 27-02-2024. It is to inform you that the process of final examination of your submitted bid/s have been completed and the procurement committee have compiled Comparative report accordingly.

- 1. This BER is to serve the only purpose of ensuring more transparency and equity in the bidding process by providing equal opportunities to all concerned bidders to have access to information related to their bids and fair competition; and
- 2. This list is being shared to eliminate the possibility of any error in terms of figures or words related to submitted documents in the bids; and
- 3. It is stressed to please note that this list is in no way a final document to be used as an evidence or argument for selection of firm for rate contracting from the lowest bidder or award or justification of contract to the selected bidder by the procuring agency; and
- 4. All possible efforts have been made to reduce human errors and omissions but still inadvertent errors and omissions may possibly be expected in this list. All the bidders participating in this bidding competition are expected and requested to thoroughly examine this document and point out any error or omission in terms of total marks obtained, etc. of institute or any other details which have wrongly been entered into this list.
- 5. Any feedback related to clarifications, errors and omissions must reach the office of Hospital Director Peshawar Institute of Cardiology not later than 10:00 a.m. on 08-04-2024 in written form duly signed and attested by the responsible relevant person of the bidding entity and
- 6. This list is only meant to rectify / correct the mistakes, if any that might have occurred during the data entry process for the already submitted bids to facilitate final bidding competition to be held shortly by the Procurement Committee. Therefore, no new or revised data, information, price, claim, explanation, etc. will be entertained for entering into and / or in any way affecting and / or manipulating the final list for the bidding competition; and
- 7. All the bidders are welcome to comment on any deficiencies etc. in this list as related to their own quoted submitted documents only and not on their competitors and / or any other bidders in this list for any other Marks by some other bidder; and
- 8. Any comments, feedback etc. received after the above mentioned cutoff time and date (Para-5 above) will not be considered and the so finalized list will be placed before the Procurement Committee for finalizing the competition in the best public interest.
- 10. The Procurement committee, at its discretion as per KPPRA rules may decide select or otherwise any institute mentioned in this document for the current biding competition.

**Hospital Director** Peshawar Institute of Cardiology

### PESHAWAR INSTITUTE OF CARDIOLOGY MTI PESHAWAR

### TECHNICAL EVALUATION REPORT FOR THE PURCHASE OF

Minimally Invasive Cardiac Surgery Instrument (MICS) LOT 01 PIC-073

**Tender Opening Date** 

2/27/2023

					1	Manda	atory do	ocumen	ts	Product Specification	Certification			rmance		Product's Local		Legal uirem		Technical Staff	Netwo	orking	Additional Warranty	Rema
S No	BSD's Description	Supplier Description	Firm Name	Brand Name	er/Authorized dealer	Five (05) years of Past Experience Required for same/similar service	warranty including parts, services and accessories for the period of 5 years	Sidder is not blacklisted	FBK and Sale 1ax Registration and A1L Bid Security as mentioned	hnical Sp	Suropean Community (CE) MDD/MDR	EN ISO 13485: 2016-2017	ISO7153-1 (Surgical Instruments – Metallic Materials	ISO 7151 Surgical Instruments	DIN EN ISO 13402:	One mark for each after sale performance certificate (verifiable) on letter head of medical institution, signed and stamped letter for the quoted model of equipment	Most Recent Audit Report	ncome tax (Last 1 years)	Firm registered with PEC / DRAP	Certificate of Training of the Company Engineer / Technical issued by the Principal or Manufacturer. Each Certificate carry 1 mark	Availability of workshop in Peshawar	Availability of workshop at National level	the bidder will be given additional 1 mark for 1 addition year warranty. (Max 5 years and max 5 marks)	Total Marks
							⊥ ≅    ≘ ∕Iandat		<u>4   PA</u>	Total 25 Marks	Total 5 Marks	1		0 Marks		Total 15		al 06 Mai		Total 2 Marks	,	 O2 Marks	Total 5 Marks	
								<del>- ,</del>	-	25	5	2	2	2 2	2	Marks 15	2 1	1	2		1	1	5	70
1	A. Retractors (Multiple Use Instruments: With a complete range of lengths, angles and blades)		I				1	1 1		120					•	1		1	<u> -  </u>	-	<u>                                     </u>			
1		Sternal Retractor for Mitral Valve													•		•	1	1	-				
1	Instruments: With a complete range of	Sternal Retractor for Mitral Valve  HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile, reusable (IN CONSISTING)			<b>✓</b>	<b>✓</b>	·	•	<i>'</i>	25	5	2	0	0 0			2	1 1	2	2	1	1	5	52
1	Instruments: With a complete range of	HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile,			✓	✓ ✓	·	✓ ·	· ·	25	5		0		0 0	5	2	1 1	2		1	1	5	
1	Instruments: With a complete range of	HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile, reusable (IN CONSISTING)  HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 30 mm, width: 100 mm, non-sterile, reusable (IN						1	· ·	25		2	0	0 0	0 0	5	2	1 1	2	2	1 1	1 1		52
1	Instruments: With a complete range of	HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile, reusable (IN CONSISTING)  HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 30 mm, width: 100 mm, non-sterile, reusable (IN CONSISTING)  HEART XS MEDIAN RETRACTOR Suture Holding Frame, flexible, 170 mm, working length: 120 mm, diam. 18,60 mm, silicone, blue, sterile (Qty=02) (IN			~	<b>✓</b>	<i>*</i>	<i>*</i>		25 25 25	5	2	0 0	0 0	0 0	5 5	2	1 1	2 2	2	1 1 1	1 1	5	52
1	Instruments: With a complete range of	HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile, reusable (IN CONSISTING)  HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 30 mm, width: 100 mm, non-sterile, reusable (IN CONSISTING)  HEART XS MEDIAN RETRACTOR Suture Holding Frame, flexible, 170 mm, working length: 120 mm, diam. 18,60 mm, silicone, blue, sterile (Qty=02) (IN CONSISTING)			✓ ✓ ✓	· ·	<i>*</i>	<i>Y</i>		25 25 25 25	5	2 2	0 0	0 0	000000000000000000000000000000000000000	5 5 5	2 2 2	1 1	2 2 2	2 2	1 1 1	1 1 1	5	52 52 52

HEART XS MEDIAN RETRACT.BLADES						١.																				
only, fixed, depth: 40 mm, width: 100		B.Braun Aesculap AG,	<b>                                     </b>	✓	✓	✓	✔	[ ✓ ]	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
mm, non-sterile, reusable		Germany	$\vdash$								<u> </u>						-		1							
HEART XS MEDIAN RETRACTOR BLADES only, fixed, depth: 43 mm, width: 28			,	·	1	1	<b> </b>	<b>/</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
1 1	Vertex			•	•	•			23	3	2	U	١٠	U	0	3	4	1	1	2	2	1	1	3	52	
HEART XS MEDIAN RETRACTOR BLADES	vertex		$\vdash$												$\vdash$				1							
only, fixed, depth: 33 mm, width: 28			🗸	<b>✓</b>	✓	1	<b> </b> ✓	<b> </b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
mm, non-sterile, reusable																										
HEART XS Suture Holding Frame,																										
flexible, 170 mm, working length: 120																										
mm , diam. 18,60 mm, silicone, blue,			🗸	✓	✓	✓	✓	<b> </b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
sterile, disposable, box of 10 packages																										
à 2 pieces																										
Atrial Retractor			<u> </u>					I			_						_									
Heart XS Cooley Atrium Retractor:			<b>✓</b>	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
COOLEY HEART XS Atrium Retractor,																										
250 mm, jaw length: 60 mm, rigid			🗸	<b>✓</b>	1	1	<sub>1</sub>	<b> </b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
shaft, depth: 20 mm, non-sterile, reusable									20		-						-	^	-	-	-	-	•	J	-	
COOLEY HEART XS Atrium Retractor,			]	]								_				_					Ι Τ	T	Ţ			
250 mm, jaw length: 60 mm, rigid			,	<b> </b>	1	1	<b> </b>	<b>/</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
shaft, depth: 45 mm, non-sterile,					•	*			23	3	2	U	١٠	U	0	3	4	1	1	2	2	1	1	3	52	
reusable																										
Heart XS Malleable Valve Hook:			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
HEART XS Valve Hook, 250 mm,																										
malleable, jaw length: 65 mm, depth:			🗸	✓	✓	✓	✔	<b>  √</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
18 mm, non-sterile, reusable																										
HEART XS Valve Hook, 280 mm,						١.,																				
malleable, jaw length: 95 mm, depth:			🗸	✓	✓	✓	✔	[ ✓ ]	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
18 mm, non-sterile, reusable			$\vdash$								-				$\vdash$		-		-							
HEART XS Valve Hook, 280 mm,			,	<b> </b>	1	1	<b> </b> ✓	<b>/</b>	25	E	2	0		0		5	2	١,	,	2	2	1	,	_	52	
malleable, jaw length: 95 mm, depth: 22 mm, non-sterile, reusable			•	•	•	•	*	•	25	5	2	U	0	U	0	3	2	1	1	2	2	1	1	5	52	
DEAVER HEART XS Valve Hook, 250			$\vdash$					$\vdash$							$\vdash$		+		1							
mm, malleable, jaw length: 75 mm,			🗸	<b>✓</b>	1	1	<sub> </sub>	<b>/</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
non-sterile, reusable						'	'		20	5	~	O	ľ			5	~	1	1	~		1	•	J	22	
Atrial retractor, mitral, Set			1	1	1	1	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
Atrial retractor, mitral, Sec			$\vdash$		•	ľ	Ľ	$\vdash$	23	0	1						-	1	1		2	1	1		32	
Pull rod f. atrial retrac.marCore, 23 cm			🗸	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
											1						-				1					
Blade f. atrial retrac. mitral, 30x35 mm			🗸	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
						<del>                                     </del>				_	١.						1		1						1	
Blade f. atrial retrac. mitral, 40x35 mm			<b>                                     </b>	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
Blade 6 striet veture veiturel 50:35 veus			1	1	1	1	1		25	0	1	2	2	2	2	2	1	1	1	2	2	1	1	-	52	
Blade f. atrial retrac. mitral, 50x35 mm			Ľ	•	•	•	•		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
Blade f. atrial retrac. mitral, 50x45 mm			1	1	1	1	<b>✓</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
blade 1. atrial retract mitral, 50x45 min			Ľ	·		Ľ	Ĺ		23	0	ļ		-	2	-			1	<u> </u>		2	1			32	
Blade f. atrial retrac. mitral, 60x45 mm			<b>/</b>	✓	✓	<b>✓</b>	<b> </b> ✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
, , , , , , , , , , , , , , , , , , ,			$\vdash$			-		$\vdash$			-				$\vdash$		-		1	-					-	
Blade f. atrial retrac. mitral, 70x45 mm			🗸	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
Appl. fcps. f. atrial retractor, 30 cm			<b>-</b>	1	1	1	1	$\vdash$	25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			$\vdash$			<del>                                     </del>	-	$\vdash$			_		Н				+-	_	Ť	1	1	1	1			
Atrial retractor, tricuspid, Set			<b>✓</b>	✓	✓	<b>✓</b>	✓	Щ	25	0	2	2	2	2	2	2	2	l	1	2	2	1	1	5	52	
Pull rod f. atrial retrac.marCore, 23 cm			🗸	<b>✓</b>	✓	1	<b> </b> ✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
									_	-	<u> </u>						-									
Appl. fcps. f. atrial retractor, 30 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			$\vdash$			<u> </u>		$\vdash$			<del>                                     </del>		Н		$\vdash$		+		+	1	<del>                                     </del>	-			-	
Blade f. atr. retrac. tricuspid, 25x20mm			<b>                                     </b>	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
51.16					,	-		$\vdash$	2.5	_	<u>ا</u> ـ	_					1_	<u> </u>	1	_					50	
Blade f. atr. retrac. tricuspid, 25x25mm	Mad21 1		<b>                                     </b>	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
Blade f. atr. retrac. tricuspid, 25x40mm	Mediland Pakistan	KLS Martin , Germany	1	1	1	1	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
biade i. att. retrac. tricuspiu, 25x40fffff	i akistali		$\perp$		,	Ľ	Ľ	Щ	43	U						۷		1	1			1	1	J	34	
Blade f. atr. retrac. tricuspid, 25x50mm			<sub> </sub>	<b>✓</b>	✓	<b>✓</b>	<b> </b> ✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
22.22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.			1			1				_	٦	-	ı <sup>-</sup>	-	-	_	1	1	1	1	_ l	-	-	-	I	

	Blade f. atr. retrac. tricuspid, 40x35mm	]		<b>✓</b>	✓	✓	<b>✓</b>	✓		25	0	2	2	2	2 2	!	2	2	1	1 2	2	1	1	5	52	2
	Blade f. atr. retrac. tricuspid, 50x25mm	1		1	✓	✓	1	<b>√</b>		25	0	2	2	2	2 2	!	2	2	1 1	1 2	2	1	1	5	52	2
	Pull rod f. atrial retrac.marCore, 23 cm	-		1	1	✓	1	✓		25	0	2	2	2	2 2	!	2	2	1	1 2	2	1	1	5	52	2
	Blade f. atrial retrac. mitral, 30x35 mm			1	<b>√</b>	✓	1	<b>√</b>		25	0	2	2	2	2 2	!	2	2	1 1	1 2	2	1	1	5	52	2
	Blade f. atrial retrac. mitral, 40x35 mm	1		1	<b>✓</b>	✓	1	<b>√</b>		25	0	2	2	2	2 2	!	2	2	1 1	1 2	2	1	1	5	52	2
	Blade f. atrial retrac. mitral, 50x35 mm	1		1	<b>✓</b>	✓	1	<b>√</b>		25	0	2	2	2	2 2	!	2	2	1 1	1 2	2	1	1	5	52	2
	Blade f. atrial retrac. mitral, 60x45 mm	1		1	<b>✓</b>	✓	1	<b>√</b>		25	0	2	2	2	2 2	!	2	2	1 1	1 2	2	1	1	5	52	2
	Appl. fcps. f. atrial retractor, 30 cm	1		1	<b>√</b>	✓	1	<b>✓</b>		25	0	2	2	2	2 2	!	2	2	1 1	1 2	2	1	1	5	52	2
	Mini-Thoracotomy Retractor, 2 p.	-		1	<b>√</b>	<b>√</b>	1	1	_	25		+					2		1 1	1 2	2		1			
	valves Wire Valve, Cooley, small, 35X25 mm	-		¥	<b>∀</b>	<b>▼</b>	<b>∀</b>		_	25 25	0	2	2	2	2 2 2		2	2	1 1	1 2 1 2		1	1	5	52 52	
	RETRACT. ZENKER, ANG, 60X12 MM,	-		<u> </u>	<b>▼</b>	<u>√</u>	<u>,                                    </u>	<u> </u>	+	25	0	2	2	2	2 2		2	2	1 1	1 2		1	1	5	52	
	26.5 CM RETR., BRUNNER, CVD., 160X30 MM,	-					$\vdash$	· •	_	-		+		Н	-   -			$\vdash$	1			1	1			
	25.5 CM			<b>/</b>	✓	✓	<b>/</b>	1		25	0	2	2	2	2 2	!	2	2	1	1 2	2	1	1	5	52	2
		ACP	Make :Tedan Surgical Model: CT 1000 and CT 1010 Country: USA	No	No	No	<b>~</b>	<b>✓</b> ,	<b>✓</b>								Non	-Resp	onsive	<b>:</b>						
	ATRACTOR IMA Retraction Complete								- 1																	I
	ATRACTOR ATR.RETRACTOR FRAME ONLY	-		<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓ ,	<b>✓</b>	25	5	2	0	0	0 0	)	5	2	1	1 2	2	1	1	5	52	2
	ATRACTOR MAMMARIA RETRACTION	_		<b>✓</b>	1	✓	1	<b>√</b> ,	<b>√</b>	25	5	2	0	0	0 0		5	2	1 1	1 2	2	1	1	5	52	2
	SYSTEM ATRACTOR CONNECTION CLAMP (2X IN	1		1	<b>√</b>	<b>√</b>	1	<b>√</b> ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1 1	1 2		1	1	5	52	
	CONSISTING) Universal Retraction and Holding Arm	1						_	_					Ш				Ш	_							
	: UNITRAC-PNEUMATIC RETRACTION	1						<b>√</b> ,																		
	Holding Arm, 750 mm, non-sterile, reusable			<b>✓</b>	✓				<b>✓</b>	25	5	2			0 0		5			1 2		1	1	5	52	
	ADAPTER FOR OR TABLE D:20MM  Universal holder for Valve XS atrium	_		<b>✓</b>	✓	✓	✓	<b>√</b> ,	✓	25	5	2	0	0	0 0	)	5	2	1	1 2	2	1	1	5	52	2
	lift retractor																		-							
	UNIVERSAL INSTRUMENTS HOLDER			<b>✓</b>	✓	✓	<b>✓</b>	✓ ,	✓	25	5	2	0	0	0 0		5	2	1 1	1 2	2	1	1	5	52	2
	UNITRAC Universal Scope Holder, holder, diam. 3 mm - 7,50 mm, non- sterile, reusable	Vertex	B.Braun Aesculap AG,	1	✓	✓	~	✓ ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1	1 2	2	1	1	5	52	2
3 IMA retractors	UNITRAC CO2 CARTRIDGE ADAPTER	1	Germany	1	1	✓	~	✓ ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1 1	1 2	2	1	1	5	52	2
	UNITRAC Coupling Element, adaptor, non-sterile, reusable			1	✓	✓	~	✓ ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1	1 2	2	1	1	5	52	2
	UNITRAC Universal PEEK Insert, diam. 3 mm - 7,50 mm, non-sterile, reusable			<b>✓</b>	<b>✓</b>	✓	~	✓ ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1	1 2	2	1	1	5	52	2
	UNITRAC CO2 Cartridge, CO2 cartridge, non-sterile, disposable, package of 10 pieces			<b>✓</b>	<b>✓</b>	✓	<b>1</b>	✓ ,	~	25	5	2	0	0	0 0		5	2	1	1 2	2	1	1	5	52	2
	STERILE COVER FOR UNITRAC-ARM			<b>✓</b>	✓	✓	~	✓ ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1	1 2	2	1	1	5	52	2
	Container system for Unitrac® Set: BOTTOM FOR 1/1 CONTAINER	-			. 1		<u> </u>	. Т	.1						<del>                                      </del>	1				1			I		1	
	HEIGHT:247MM			<b>                                     </b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b> ,	<b>✓</b>	25	5	2	0	0	0 0		5	2	1	1 2	2	1	1	5	52	2

1		I	ı						1					-			, ,			1	1	1			
	PRIMELINE PRO 1/1 LID RED			<b>✓</b>	✓	✓	✓	<b>√</b>	25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
	1/1 SIZE PERF BASKET 540X253X106MM			<b> </b>	✓	✓	✓	<b>√</b>   ✓	25	5	2	0	0	0	0	5	2	1	1 2	2	1	1	5	52	
	SILICONE BASKET LINER LARGER SIZE			<b>√</b>	✓	✓		<b>√</b> ✓	23	5	2	0		0 (		5	2		1 2		1	1	5	52	
	IDENT.LABEL UP TO 13 LETTERS RED		Make :Tedan Surgical	<b>✓</b>	✓	✓	✓	<b>√</b>	25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
		ACP	Model: CT 1000 and CT 1010 Country: USA	No	No	No	✓	<b>√</b>								Non	-Resp	onsiv	e						
	MIDCAB RETRACTOR COMPLETE non- sterile, reusable consisting of:			1	1	✓	<b>✓</b>	< <	25	5	2	0	0	0	0	5	2	1	1 2	2	1	1	5	52	
	Rib Spreader, retractor only, 130 mm (5			1	<b>✓</b>	✓	1	<b>/</b> /	25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
	1/8"), non-sterile, reusable MIDCAB Adapter, non-sterile, reusable						<b>√</b>	<b>√</b> ✓	25		_	0			0				1 0						
	MIDCAB STABILIZER Suction Adapter,			<b>1</b>	✓	✓	1		25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
4 MIDCAB chest wall retractors	130 mm (5 1/8"), non-sterile, reusable	Vertex	B.Braun Aesculap AG,	<b> </b>	<b>*</b>	✓	1	<b>√</b>   <b>√</b>	25	5	2	0	0	0	0	5	2	1	1 2	2	1	1	5	52	
4 MIDCAD CHEST WAII FETFACTORS	DOUBLE BLADE swivel, depth: 40 mm, non-sterile, reusable	vertex	Germany	~	✓	✓	✓	1 1	25	5	2	0	0	0	0	5	2	1	1 2	2	1	1	5	52	
	DOUBLE BLADE swivel, depth: 50 mm, non-sterile, reusable			1	✓	✓	✓	1 1	25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
	DOUBLE BLADE swivel, depth: 60 mm, non-sterile, reusable			~	1	✓	✓	<b>√</b>	25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
	DOUBLE BLADE swivel, depth: 70 mm, non-sterile, reusable			1	✓	✓	✓	<b>√</b> ✓	25	5	2	0	0	0	0	5	2	1	1 2	2	1	1	5	52	
	DOUBLE BLADE swivel, depth: 80 mm, non-sterile, reusable			1	✓	✓	✓	<b>√</b> ✓	25	5	2	0	0	0 (	0	5	2	1	1 2	2	1	1	5	52	
		Mediland Pakistan	Make : Maquet Gentinge Model: ACROBAT-I Country: USA	1	<b>✓</b>	✓	~	<b>✓</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
5 Blower mister		ACP	Make: Surge Cardiovascular Model: BLM -22150 Country: USA	No	No	No	~	< <					<del>                                     </del>		_	Non	-Resp	onsiv	e			1	<u> </u>	<u> </u>	
6 Heart stabilizers and Positioner		Meditalid	Make : Maquet Gentinge Model: OM-10000 Country: USA	1	✓	✓	✓	<b>✓</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
Treat C Stabilizers and Positioner	Positioner system for beating heart surgery	Pakistan	Make : Maquet Gentinge Model: XP-5000 Country: USA	1	✓	✓	✓	<b>✓</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, system, MIDCAB			1	✓	✓	✓	<b>✓</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, bracket, oper. table, MIDCAB			<b>✓</b>	✓	✓	✓	<b>✓</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, hold. arm, w. angle, MIDCAB			<b>✓</b>	✓	✓	✓	✓	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract fixing clip for retractor			✓	✓	<b>√</b>	✓	✓	25	0	2	2	1 1		2	2	2	1	1 2		1	1	5	52	
	marTract, adapter, tissue stabilizer			<b>√</b>	✓	✓	✓	<b>√</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, pulling device, MIDCAB			<b> </b>	✓	✓	✓	✓	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, retractor,MIDCAB, 2-p.,40x30mm			1	✓	✓	✓	<b>✓</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, retractor,MIDCAB, 2- p.,50x30mm			✓	✓	✓	✓	✓	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
7 All in one MIDCAB retractor	p.,60x30mm	Mediland Pakistan	KLS Martin , Germany	<b>✓</b>	✓	✓	✓	<b>~</b>	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
	marTract, wound retr., MIDCAB, 42x36 mm			<b>/</b>	✓	✓	✓	✓	25	0	2	2	2	2	2	2	2	1	1 2	2	1	1	5	52	
1	marTract, wound retr., MIDCAB, 65x38			<b>/</b>	1	✓	1	/	25	0	2	2	2	2	2	2	2	1	$1 \mid 2$	2	1	1	5	52	

	marTract, wound retr., MIDCAB, 65x50	]		<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>		25	(	)	2	2	2	2 2	2	2	2	1	1	2	2		1	1	5	52	
	marTract, wound retr., MIDCAB, 70x50	1		1	✓	1	1	<b>✓</b>		25	(	)	2	2	2	2 2	2	2	2	1	1	2	2	+	1	1	5	52	
	mm marTract, wound retr., MIDCAB, 92x51	-		1	<b>√</b>	<b>√</b>	1	<b>✓</b>	+	25	(	)	2	2	2	2 2	2	2	2	1	1	2	2	+	1	1	5	52	
	mm marTract, wound retr., MIDCAB,	_			✓	1	1	/		25		)	2		2	2 2	+		2	1	+	2		$\dashv$	1	1		52	
	103x51 mm marTract, wound retr., MIDCAB, 42x57	-		•										2		_	+-	2	++	1	-	_	2	$\dashv$	1	1	5		
	mm			<b>-</b>	✓	✓	✓	<u> </u>		25	(	)	2	2	2	2 2	2	2	2	1	1	2	2		1	1	5	52	
	marTract, wound retr., MIDCAB, 65x57			1	✓	✓	✓	✓		25	(	)	2	2	2	2 2	2	2	2	1	1	2	2		1	1	5	52	
B. Minimal Invasive Instruments ( Sr No. 1-11, All sizes i.e. Small, Medium, Large, where available as p manufacturer must Be quoted)																													
MIS Scissors																													
	Medium  VALVE XS Micro scissors, curved, 15°, 370 mm (14 1/2"), working length: 235 mm (9 1/4"), diam. 5 mm, jaw length: 15 mm, blunt/blunt, Golfball design handle, round plastic handle, blue, double action, non-sterile, reusable			<b>✓</b>	✓	*	1	<b>√</b> •		25	5	5	2	0	0	0 0	)	5	2	1	1	2	2		1	1	5	52	
	Small VALVE XS Micro scissors, curved, 30°, 360 mm (14 1/4"), working length: 220 mm (8 3/4"), diam. 5 mm, jaw length: 10 mm, blunt/blunt, Golfball design handle, round plastic handle, blue, single action, non-sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	<b>~</b>	✓	<b>~</b>	<b>✓</b>	<b>√</b>		25	5	5	2	0	0	0 0	)	5	2	1	1	2	2		1	1	5	52	
Curved Blades	Small VALVE XS Micro scissors, curved, 70°, 370 mm (14 1/2"), working length: 230 mm (9"), diam. 5 mm, jaw length: 15 mm, blunt/blunt, Golfball design handle, round plastic handle, blue, double action, non-sterile, reusable			<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b> •	/	25	5	5	2	0	0	0 0	)	5	2	1	1	2	2		1	1	5	52	
	Scissors, marCore, 15°, small, 17 cm			1	<b>√</b>	✓	1	1		25	(	)	2	2	2	2 2	,	2	2	1	1	2	2	_	1	1	5	52	
	Scissors, marCore, 15°, medium, 24 cm	1		1	<b>✓</b>	<i>√</i>		<u>✓</u>	+	25		)	2	2	2	2 2		2	2			2	2	+	1	1	5	52	
	Scissors, marCore, 15°, large, 29 cm	Mediland	KLS Martin , Germany	1	✓	✓	✓	1		25	(	)	2		2	2 2	2	2	+	1	1	2	2	$\underline{}$	1	1	5	52	
	Scissors, marCore, 30°, medium, 24 cm	Pakistan	- Martin , Schmany	1	✓	✓	✓	<b>√</b>		25	(	)	2	2	2	2 2	2	2	2	1	1	2	2	T	1	1	5	52	
	Scissors, marCore, 70°, medium, 24 cm	1		1	✓	1	1	<b>✓</b>		25	(	)	2	2	2	2 2	2	2	2	1	1	2	2		1	1	5	52	
		ACP	Make: Wexler Surgical Model: 1-SL8618.1	No	No	No	1	<b>✓</b> ✓	/									Nor	ı-Resp	onsiv	e								
	Medium  VALVE XS Micro scissors, curved, 30°, 370 mm (14 1/2"), working length: 235 mm (9 1/4"), diam. 5 mm, jaw length: 15 mm, blunt/blunt, Golfball design handle, round plastic handle, blue, double action, non-sterile, reusable		Country: USA  B.Braun Aesculap AG,	~	✓	<b>*</b>	<b>✓</b>	✓ <b>∨</b>		25	5	5	2	0	0	0 0	)	5	2	1	1	2	2		1	1	5	52	

		1 veue																						 						
11 Strongly Curved Blades	Large POTTS-DIETHRICH VALVE XS Micro scissors, angled, 45°, 355 mm (14"), working length: 215 mm (8 1/2"), diam. 3,50 mm, jaw length: 13 mm, sharp/sharp, Golfball design handle, round plastic handle, blue, single action, non-sterile, reusable	VOLIEN	Germany	~	*	<b>√</b>	~	<b>√</b> ,		25	4	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	
		ACP	Make: Wexler Surgical Model: 2-SL8624.1 Country: USA	No	No	No	~	<b>√</b> ,	/	,		1	•				•	No	n-Re	spons	ive	•		•	•	•		<u>'</u>		
	DISSECTING SCISSORS, CVD., 26 CM	Mediland	KLS Martin , Germany	1	✓	✓	✓	<b>√</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
	TC-Ligature sciss., cvd., serr., 18 cm	Pakistan	KLS Martin , Germany	1	✓	✓	✓	✓		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
2. MIS Needle Holders with Tungsten Carbide Insert & Lock								•														•							•	
	VALVE XS TC Needle Holder, straight, diam. 5 mm, 365 mm (14 3/8"), working length: 225 mm (8 7/8")	Vertex	B.Braun Aesculap AG, Germany	~	<b>✓</b>	✓	1	✓ ,	/	25		5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	
	TC-Needleholder, marCore, str.,w. lock,S			1	✓	✓	<b>√</b>	<b>✓</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
13 Straight Jaws	TC-Needleholder, marCore, str.,w. lock,M	Mediland		1	✓	✓	~	<b>✓</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
	TC-Needleholder, marCore, str.,w. lock,L	Pakistan	KLS Martin , Germany	1	✓	✓	1	<b>✓</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	5	2	
	TC-Needleholder, marCore, mini, str.,			1	✓	✓	✓	<b>✓</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
		ACP	Make: Wexler Surgical Model: NL8595.15 Country: USA	No	No	No	~	<b>~</b> ,	/	1		l						No	on-Res	spons	ive	<u> </u>			1					
	VALVE XS TC Needle Holder, curved, diam. 5 mm, 365 mm (14 3/8"), working length: 225 mm (8 7/8")	Vertex	B.Braun Aesculap AG, Germany	1	✓	✓	<b>✓</b>	✓ ,	<b>/</b>	25	4	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	
14 Curved Jaws	TC-Needleholder, marCore, cvd.,w. lock,M	Mediland	KLS Martin , Germany	<b>✓</b>	✓	✓	<b>✓</b>	<b>✓</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
	TC-Needleholder, marCore, mini, cvd., M	Pakistan		✓	✓	✓	<b>✓</b>	<b>✓</b>		25	(	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	5	2	
		ACP	Make: Wexler Surgical Model: NL8601.15 Country: USA	No	No	No	<b>✓</b>	✓ .	/									No	n-Res	spons	ive									
15 Straight Ryder Jaws	VALVE XS TC Needle Holder, Ryder Type Jaw, straight, diam. 5 mm, 365 mm (14 3/8"), working length: 225 mm (8 7/8")	Vertex	B.Braun Aesculap AG, Germany	~	<b>✓</b>	✓	~	✓ ,	/	25		5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	
		ACP	Make: Wexler Surgical Model: NL8610.15 Country: USA	No	No	No	<b>~</b>	✓ .	/									No	n-Res	spons	ive									
16 Curved Jaws w/TC Inserts	VALVE XS TC Needle Holder, curved, diam. 2.70 mm, 360 mm (14 1/4"), working length: 220 mm (8 3/4")	Vertex	B.Braun Aesculap AG, Germany	1	1	✓	<b>✓</b>	<b>√</b> ,	/	25		5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	
Survey survey wy the most to		ACP	Make: Wexler Surgical Model: NL8603.15 Country: USA	No	No	No	<b>✓</b>	<b>√</b> ,	/				•			•		No	n-Res	spons	ive	•				•				
17 Straight jaws w/TC Inserts	VALVE XS TC Needle Holder, straight Jaw, diam. 5 mm, 415 mm (16 3/8"), working length: 270 mm (10 3/5")	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	1	✓ ,	/	25		5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	
		ACP	Make: Wexler Surgical Model: NL8600.15 Country: USA	No	No	No	<b>✓</b>	✓ ,	<b>/</b>									No	on-Res	spons	ive			 						
18 3. MIS/DeBakey Forceps with lock																								 						
19 Slightly Curved	VALVE XS Atraumatic Forceps, slightly curved , working length: 230 mm , toothing De Bakey, jaw length: 15 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	~	<b>✓</b>	✓	1	✓ ,	/	25		5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	5	2	

	T	T	ı																										
20	Curved	toothing De Bakey, jaw length: 15 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	✓	1	<b>√</b>	✓	~	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	1	5	52	
		VALVE XS Atraumatic Forceps, straight 1.5mm Jaw Serration, 365 mm, working length: 230 mm, toothing De Bakey, malleable shaft, shaft diam.: 3,5mm	Vertex	B.Braun Aesculap AG, Germany	1	~	~	1	<b>~</b>	<b>~</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	1	5	52	
21	Straight 1mm Jaws, TC Inserts	ATR. FORCEPS, DE BAKEY, 2.7 MM, 30 CM			✓	1	1	✓	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Forceps, marCore, DeBakey, slim, M	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	<u>†                                     </u>
		Forceps, marCore, Resano, single act., M	Lakistan		1	1	✓	<b>✓</b>	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		IVI		Make: Wexler Surgical Model: FL8598.12 Country: USA	No	No	No	1	~	~			<u> </u>		<b>!</b> !			N	on-Re	spons	sive	<u>                                     </u>		ļ	<u> </u>				
		straight, 1X2, 2.8mm Jaw Serration	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	1	5	52	
		Forceps, marCore, DeBakey, slim, S			✓	1	1	✓	~		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
22	Straight Serrated 2.8mm Jaws	Forceps, marCore, DeBakey, slim, M	Mediland Pakistan	KLS Martin , Germany	✓	1	<b>✓</b>	1	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Forceps, marCore, DeBakey, slim, L			✓	✓	✓	✓	<b>~</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	1
				Make: Wexler Surgical Model: FL8630.12 Country: USA	No	No	No	✓	1	1			•	•			•	N	on-Re	spons	sive				•	•		•	
		VALVE XS Atraumatic Forceps, straight 2.8mm Jaw Serration, 370 mm, working length: 230 mm, toothing De Bakey, jaw length: 11 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	1	<b>√</b>	<b>*</b>	~	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	1	5	52	
23	Straight 1x2, 1mm Jaws	Forceps, marCore, DeBakey, wide, S			✓	✓	1	✓	<b>~</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Forceps, marCore, DeBakey, wide, M	Mediland Pakistan	KLS Martin , Germany	✓	1	1	✓	<b>✓</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Forceps, marCore, DeBakey, wide, L			1	1	1	<b>✓</b>	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
				Make: Wexler Surgical Model: FL8600.12 Country: USA	No	No	No	✓	<b>✓</b>	✓								N	on-Re	spons	sive				1				
		VALVE XS Atraumatic Forceps, straight 2.8mm Jaw Serration, 370 mm, working length: 280 mm, toothing De Bakey, jaw length: 11 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	~	*	~	~	<b>~</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	1	5	52	
24	Straight 1x2, 2.8mm Jaws	Fcps., marCore,DeBakey,fine,sing. act.,S			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Fcps., marCore,DeBakey,fine,sing. act.,M	Mediland Pakistan	KLS Martin , Germany	✓	1	1	✓	<b>1</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Fcps., marCore,DeBakey,fine,sing. act.,L			✓	✓	<b>✓</b>	✓	<b>✓</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52	
			ACP	Make: Wexler Surgical Model: FL8606.12 Country: USA	No	No	No	✓	✓	1								N	on-Re	spons	sive								
		Forceps, marCore, Resano, single act., S			1	1	1	<b>✓</b>	1		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	
		Forceps, marCore, Resano, single act.,	Mediland Pakistan	KLS Martin , Germany	1	1	1	1	~		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	1	5	52	

25 Straight 1x2, 2.8mm Jaws, w/Lock	Forceps, marCore, Resano, single act., L			<b>✓</b>	✓	✓	✓ v		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
		ACP	Make: Wexler Surgical Model: FL8607.12 Country: USA	No	No	No	✓ v	<b>/</b>					<u> </u>			N	on-Re	spon	sive				<u> </u>			
26 Straight 2x3, 3.2mm Jaws	VALVE XS Atraumatic Forceps, straight 3.0mm Jaw Serration, 370 mm, working length: 280 mm, toothing De Bakey, jaw length: 11 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	<b>~</b>	<b>✓</b>	✓	✓ <b>,</b>	<b>/ /</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52
		Mediland Pakistan	KLS Martin , Germany	1	✓	<b>✓</b>	✓ ,	/	25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
		ACP	Make: Wexler Surgical Model: FL8610.12 Country: USA	No	No	No	<b>√</b> ,	/ /	,				1			N	on-Re	spon	sive	1 1			1	l		
	VALVE XS Atraumatic Forceps, slightly curved , working length: 230 mm , toothing De Bakey, jaw length: 15 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	<b>√</b>	<b>√</b>	✓	< v	/ /	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52
27 45° Angled 1x2, 1mm Jaw		Mediland Pakistan	KLS Martin , Germany	<b>✓</b>	✓	<b>✓</b>	<b>~</b> ,		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
		ACP	Make: Wexler Surgical Model: FL8603.12 Country: USA	No	No	No	<b>~</b> ,	/ /	,		•				•	N	on-Re	spon	sive			•	•	•		
	VALVE XS Atraumatic Resano Toothing Forceps, straight 3.0mm Jaw Serration, working length: 230 mm, toothing De Bakey, jaw length: 11 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	<b>✓</b>	<b>√</b>	✓ ,	/ /	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52
28 4. MIS Resano Forceps	Forceps, marCore, Resano, single act., S			<b>✓</b>	✓	<b>✓</b>	✓ ,	1	25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
20 4. IVII 3 Nesalio i orceps	Forceps, marCore, Resano, single act., M	Mediland Pakistan	KLS Martin , Germany	1	✓	✓	<b>✓</b> ,	/	25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
	Forceps, marCore, Resano, single act., L			~	<b>✓</b>	<b>*</b>	✓ v		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
		ACP	Make: Wexler Surgical Model: FL8620.1 Country: USA	No	No	No	✓ v	/ /								N	on-Re	spon	sive							
29 5. MIS Nerve & Vessel Hooks, Round Handle, Stainless Steel,	4.5MM PROBE ENDED  VALVE XS NERVE HOOK WORKING END  4.5MM PROBE ENDED, WORKING  LENGTH 260MM, TOTAL LENGTH  350MM			<b>√</b>	<b>*</b>	✓	✓ v	<b>/</b>	. 25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52
	5MM, WORKING LENGTH VALVE XS NERVE HOOK WORKING END 5MM, WORKING LENGTH 260MM, TOTAL LENGTH 350MM	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	<b>✓</b> ,	<b>/</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52
	9MM, WORKING LENGTH VALVE XS NERVE HOOK WORKING END 9MM, WORKING LENGTH 260MM, TOTAL LENGTH 350MM			~	<b>✓</b>	✓	<b>/</b> ,	/ /	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52
	Hook, marCore, 5 mm, 26 cm			✓	✓	✓	<b>√</b> √		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
	Hook, marCore, 120°, 10 mm, 36 cm	Mediland	Country: USA	~	✓	✓	<b>√</b> ,	/	25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
	Ligature catcher, marCore, 26 cm	Pakistan		<b>✓</b>	✓	✓	<b>~</b> •		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52
	Scalpel handle, marCore, #11, 34 cm			✓	✓	✓	<b>~</b>		25	0	2	2	2	2	2	2	2	1	1	2	2	1		1	5	52

		ACP	Make: Wexler Surgical Model: AL1103.1 Country: USA	No	No	No	<b>✓</b>	✓	✓									Non	Respo	nsive								
30 6. Chordae Sizer																												
	VALVE XS TENDINOUS CORDS RULER 355MM	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	<b>✓</b>	✓	✓	25	5	2	!	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
	Valve sizer, Dzemeshkevich, 17 cm	Mediland	KLS Martin, Germany	<b>~</b>	<b>✓</b>	✓	<b>✓</b>	✓		25	0	2	:	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
Round Handle, 14.25" (36cm)	marCore, sizer, Chordae Tendinae, 41cm	Pakistan	KLS Martin , Germany	<b>✓</b>	✓	✓	✓	✓		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
		ACP	Make: Wexler Surgical Model: AL1190.1 Country: USA	No	No	No	1	✓	✓			•		•		•		Non	Respo	nsive					•		•	
32 Container as per instrument		ACP		No	No	No	<b>~</b>	<b>✓</b>	✓									Non	Respo	nsive								
	RUSSIAN FORCEP	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	1	1	✓	25	5	2	!	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
33 7. MIS Russian Forceps	ATR. FORCEPS, DE BAKEY, 2.7 MM, 30 CM	Mediland Pakistan	KLS Martin , Germany	1	✓	✓	1	✓		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
		ACP	Make: Wexler Surgical Model: FL8620.1 Country: USA	No	No	No	1	✓	✓									Non	Respo	nsive								
	KNOT PUSHER Straight VALVE XS KNOT PUSHER 370MM		D Danie Accordes AC	~	✓	✓	1	✓	<b>✓</b>	25	5	2	!	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
	KNOT PUSHER Angled VALVE XS KNOT PUSHER 45°ANG 230/370MM	Vertex	B.Braun Aesculap AG, Germany	~	✓	<b>✓</b>	<b>~</b>	~	~	25	5	2	!	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
8. Thoracoscopic Knot Tier/Pusher w/o	Knot-pusher, marCore, small, 17 cm			<b>✓</b>	✓	✓	✓	✓		25	0	2	2	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
Lock and w/Lock	Knot-pusher, marCore, medium, 24 cm	Mediland Pakistan	KLS Martin , Germany	~	✓	✓	1	✓		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
	Knot-pusher, marCore, large, 29 cm			~	✓	✓	✓	1		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
		ACP	Make: Wexler Surgical Model: FL8450.12 Country: USA	No	No	No	<b>✓</b>	~	~			•	•	•	•	•	•	Non	Respo	nsive	•			•				
	VALVE XS SUTURE CATCHER 390MM	Vertex	B.Braun Aesculap AG, Germany	1	<b>✓</b>	✓	1	<b>✓</b>	<b>✓</b>	25	5	2	!	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
	Suture forceps, marCore, small, 17 cm			~	✓	✓	1	✓		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
9. Suture Pusher, Flat Handle, Stainless Steel	Suture forceps, marCore, med., 24 cm	Mediland Pakistan	KLS Martin , Germany	1	✓	✓	1	✓		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	1
	Suture forceps, marCore, large, 29 cm			1	✓	✓	<b>~</b>	✓		25	0	2	!	2	2	2 2		2	2	1 1	2	2	1		1	5	52	
		ACP	Make: Wexler Surgical Country: USA	No	No	No	1	✓	✓			•	•			•	•	Non	Respo	nsive	•			•	•		•	
36 10. Thorascopic Clamps			•																									-
	VALVE XS ATR.DE'BAKEY CLMP.DEL.60/330MM 60mm Curved, 1x2 DeBakey Atraumatic Jaws, ,Stainless Steel, Shaft, With Ratchet, 330mm			<b>✓</b>	<b>✓</b>	<b>4</b>	<b>✓</b>	✓	~	25	5	2	2	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
	VALVE XS ATR.DE'BAKEY CLMP.DEL.60/290MM 60mm Curved, 1x2 DeBakey Atraumatic Jaws, ,Stainless Steel, Shaft, With Ratchet, 290mm	Vertex	B.Braun Aesculap AG, Germany	~	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	~	25	5	2	<u> </u>	0	0	0 0		5	2	1 1	2	2	1		1	5	52	
65mm Curved 1x2 DeBakey Atraumatic																												$\bot$

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	Jaws, ,Stainless Steel, Shaft, With Ratchet	VALVE XS ATR.DE'BAKEY CLMP.85/360MM 85mm Curved Long, 2x3 DeBakey Atraumatic Jaws, ,Stainless Steel, Shaft, With Ratchet, 360mm			1	1	~	~	~	~	25	5	2	0		0	0	5	2	1	1	2	2	2	1	1		5	52	
		Bulldog clamp, marCore, right, 9,5 cm	Mediland		1	<b>✓</b>	✓	~	1		25	0	2	2	. 2	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
		Bulldog clamp, marCore, left, 9,5 cm	Pakistan	KLS Martin, Germany	1	1	1	~	1		25	0	2	2		2 2	2	2	2	1	1	2	2	2	1	1		5	52	
			ACP	Make: Wexler Surgical Model: AL 8260.1 Country: USA	No	No	No	~	1	~								Nor	1-Res	ponsi	ve									
			Mediland Pakistan	KLS Martin , Germany	~	1	1	~	1		25	0	2	2	. 2	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
			ACP	Make: Wexler Surgical Model: AL 8240.1 Country: USA	No	No	No	~	1	<b>/</b>								Nor	ı-Res	ponsi	ve									
		BULLDOG CLAMP, GLOVER, STR., 7 CM	Mediland Pakistan	KLS Martin , Germany	1	1	1	1	1		25	0	2	2	. 2	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
			ACP	Make: Wexler Surgical Model: V10142 Country: USA	No	No	No	~	1	<b>~</b>								Nor	ı-Res	ponsiv	ve									
			Vertex	B.Braun Aesculap AG, Germany	✓	1	1	✓	✓	✓	25	5	2	0	(	0 0	0	5	2	1	1	2	2	2	1	1		5	52	
	Long aortic partial clamps curved with	Aortic fcps., marCore, transth., 33 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	1	✓	✓		25	0	2	2	. 1	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
	different angles		ACP	Make: Wexler Surgical Model: AL8274.12 Country: USA	No	No	No	~	1	<b>~</b>								Nor	ı-Res	ponsiv	ve									
41	11. MIS Rongeurs, Stainless Steel							•																						
		VALVE XS RONGEUR Straight. 3 x 10 mm WIDE JAW LENGTH 290MM	Vertex	B.Braun Aesculap AG, Germany	~	<b>✓</b>	~	~	<b>✓</b>	~	25	5	2	0		0	0	5	2	1	1	2	2	2	1	1		5	52	
		Rongeur, Caspar, str., 4 mm, 18 cm			1	1	1	1	1		25	0	2	2	. 1	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
42	Straight,		Mediland Pakistan	KLS Martin , Germany	1	1	1	~	1		25	0	2	2	. 2	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
		UNIVERSAL-FIXATION F. MARTIN-ARM '99			✓	✓	✓	1	✓		25	0	2	2	. 2	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
			ACP	Make: Wexler Surgical Model: AL1506.1 Country: USA	No	No	No	~	1	<b>✓</b>								Nor	1-Res	ponsi	ve									
		VALVE XS RONGEUR 3MM WIDE 30°UPW.ANG.JAW LENGTH 290MM	Vertex	B.Braun Aesculap AG, Germany	~	~	1	~	1	~	25	5	2	0	(	0	0	5	2	1	1	2	2	_ <del>_</del>	1	1		5	52	
43	Angled Up	IRONGELLE (asnar LINW 4 mm 70 cm	Mediland Pakistan	KLS Martin , Germany	1	✓	1	✓	1		25	0	2	2	1	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
			ACP	Make: Wexler Surgical Model: AL1510.1 Country: USA	No	No	No	~	1	~				. ——			,	Nor	ı-Res	ponsi	ve						. = = =			
			Vertex	B.Braun Aesculap AG, Germany	✓	1	1	✓	✓	1	25	5	2	0	(	0 0	0	5	2	1	1	2	2	2	1	1		5	52	
			Mediland	KLS Martin , Germany	✓	✓	1	<b>✓</b>	✓		25	0	2	2	1	2 2	2	2	2	1	1	2	2	2	1	1		5	52	
44	Angled Down	Rongeur, Caspar, downw., 4 mm, 20 cm	Pakistan	and the second second	✓	✓	✓	✓	✓		25	0	2	2	. 2	2 2	2	2	2	1	1	2	2	2	1	1		5	52	

ı			Ι	T	1				-	<del></del>																			1
			ACP	Make: Wexler Surgical Model: AL1526.1 Country: USA	No	No	No	1	<b>✓</b>	<b>✓</b>								No	n-Res	pons	ve								
45	12. Vats (Video Assisted Thoracic Scope)																												
46	(The sizes closest to those mentioned can be provided based on the manufacturer's specifications )	HD Endoscope, 30°, 10 mm diam., 330 mm	Vertex	B.Braun Aesculap AG, Germany	~	~	1	~	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
47	Blunt Trocar flexible 6mm length 8.5cm	FLEX.THORAC.TROCAR COMPL.D:13MM 75MM	Vertex	B.Braun Aesculap AG, Germany	1	1	1	1	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
48	Blunt Trocar Flexible 11mm length 8.5cm	ENDOSCOPY TROCAR CPL.D:7.0MM 75MM	Vertex	B.Braun Aesculap AG, Germany	~	✓	1	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
49	Lung Forcep Non-traumatic 5mm 27cm with a metal handle with multiple locking positions	JAW INS.LUNG GRASP.FCPS.D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	1	<b>√</b>	✓	~	~	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
50	Parenchymal forceps non traumatic and detachable single action jaw, metal handle with multiple locking positions	JAW INS.ATR.PARENCHYMA FCPS 5MM/310MM	Vertex	B.Braun Aesculap AG, Germany	~	1	<b>✓</b>	~	~	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
	Lung forceps fenestrated single action type curved jaws 5mm 27cm or better, metal handle with multiple locking positions	JAW INS.LUNG GRASP.FCPS.D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	1	~	~	<b>✓</b>	~	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
52	Dissecting and grasping forceps curved and double action jaws 5mm 27cm or better, metal handle with multiple locking positions	JAW INS.NELSON GRASPERS COF D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	1	~	<b>√</b>	<b>✓</b>	~	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
53	Dissecting and Grasping forcep double action jaw with monopolar connection 5mm 27 cm with plastic handle and multiple locking positions	MARYLAND ADTEC MONOPOLAR Grasping Forceps, jaw inserts, curved, 310 mm, diam. 5 mm, serrated, dou	Vertex	B.Braun Aesculap AG, Germany	1	1	<b>✓</b>	~	~	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
54	Biopsy forcep with handle 5mm 36cm or better	ADTEC MONOPOLAR Biopsy Forceps, jaw inserts, 310 mm, diam. 5 mm, single action, reusable, to be u	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	<b>✓</b>	✓	~	~	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
22	Marry Land forcep with handle 5mm 36cm or better	MARYLAND ADTEC MONOPOLAR Grasping Forceps, jaw inserts, curved, 310 mm, diam. 5 mm, serrated, dou	Vertex	B.Braun Aesculap AG, Germany	1	~	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
56	Johan forceps 5mm, 36 cm with handle	LINDER (ACC. TO) ADTEC MONOPOLAR Grasping Forceps, jaw inserts, 310 mm, diam. 5 mm, single action	Vertex	B.Braun Aesculap AG, Germany	1	<b>~</b>	<b>√</b>	~	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
57	Curved scissor 5mm , 36cm with handle	NOIR METZENBAUM SCISSORS D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	1	1	1	1	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
58	Suction tube straight 5mm, 36cm	SUCTION/IRRIGATION INSTRUMENT 5MM/330MM	Vertex	B.Braun Aesculap AG, Germany	1	1	1	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
	Powder Blower including, sheath , rubber bulb and glass				•			•	•	•		N	ot Q	uoted	ļ		•				•	•		•	•	1		•	
	Suction irrigation tube distally angled with two way stopcock size 10mm	SUCTION/IRRIGATION INSTR.3.5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	~	1	1	~	<b>✓</b>	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	
	Suction irrigation tube distally angled size 5mm with trumpet valve handle	SUCTION/IRRIGATION INSTRUMENT 5MM/330MM	Vertex	B.Braun Aesculap AG, Germany	1	<b>✓</b>	1	~	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1		1	5	52	

62	L shape Coagulating Electrode 5mm 36cm or better	Monopolar hook electrode tip, ceramic insulation, J-shaped, 5 mm diam., to be used with GK372R, G	Vertex	B.Braun Aesculap AG, Germany	<b>~</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0 0	5		2 1	1	2	2	1	1	5	52	
63	Dismantling Needle holder Axial metal handle straight jaw 5mm 32 cm or better	NEEDLE HOLDER LEFT CURVED 5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	~	<b>✓</b>	<b>✓</b>	~	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0 0	5	1	2 1	1	2	2	1	1	5	52	
64	Pleura abrasion curette spoon shaped distally angled length 27cm or better	VATS PLEURA WINDERS D6/290MM	Vertex	B.Braun Aesculap AG, Germany	1	<b>✓</b>	<b>✓</b>	~	<b>✓</b>	✓	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
65	Clip applicator 10mm length 36cm	CLIP APPLICATOR F.MED.LARGE CLIP PL568T	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	1	✓	<b>√</b>	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
66	Instruments Container for 10 to 12 Instruments	BOTTOM FOR 1/1 CONTAINER HEIGHT:187MM	Vertex	B.Braun Aesculap AG, Germany	1	✓	1	✓	✓	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
67	13. Mini Thoracotomy																										
	(The sizes closest to those mentioned can be provided based on the manufacturer's specifications )																										
69	Multi Retractor for Thoracic Surgery	ATRACTOR IMA Retraction Complete set	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	✓	✓	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
70	Fiber Optic Light Carrier Extention	FULL HD LIGHT CABLE D:4.8MM 2.5M LONG	Vertex	B.Braun Aesculap AG, Germany	1	✓	✓	✓	✓	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
71	Rib Spreader blade width 30mm with percutaneous fiber optic cables	DE'BAKEY RIB SPREADER COMPLETE WITH BLADES	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	<b>✓</b>	~	<b>√</b>	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
72	Telescope 10mm 0 Degree 30cm length	TELESCOPE 10MM 0DEG 330MM	Vertex	B.Braun Aesculap AG, Germany	~	✓	✓	✓	<b>√</b>	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
73	Telescope 10mm 30 Degree 30cm length	TELESCOPE 10MM 30DEG 330MM	Vertex	B.Braun Aesculap AG, Germany	<b> </b>		✓	✓	<b>✓</b>	✓	25	5	2	0	0	0 0	5	1	2 1	1	2	2	1	1	5	52	
/4	Fiber optic light cable 4.7mm , 250cm length	FULL HD LIGHT CABLE D:4.8MM 2.5M LONG	Vertex	B.Braun Aesculap AG, Germany	1	✓	✓	✓	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0 0	5	1	2 1	1	2	2	1	1	5	52	
75	Trocar 11mm , 6m length	TROCAR SLEEVE 10/60MM SMOOTH WITH TAP	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	<b>✓</b>	✓	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
76	Bayonet forceps insulated length 22cm	BIPOAR DISS FCPS BAYONET 260MM	Vertex	B.Braun Aesculap AG, Germany	<b> </b> •	✓	✓	<b>✓</b>	<b>✓</b>	✓	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
77	Bayonet forceps insulated multiple teeth	JAW INS.BIOPSY FORCEPS D:5/310MM CURVED	Vertex	B.Braun Aesculap AG, Germany	1	✓	✓	~	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
	Grasping forceps S shape medial joint , self-ratchet 33cm or better	HEYWOOD-SMITH ADTEC MONOPOLAR Grasping Forceps, jaw inserts, 310 mm, diam. 5 mm, serrated, fenest	Vertex	B.Braun Aesculap AG, Germany	~	~	<b>✓</b>	<b>✓</b>	<b>✓</b>	~	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
	Grasping forceps curved medial joint , self-ratchet 28cm or better	NELSON ADTEC MONOPOLAR Grasping Forceps, jaw inserts, 310 mm, diam. 5 mm, serrated, sharp, double	Vertex	B.Braun Aesculap AG, Germany	~	✓	✓	✓	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
80	Dissecting forceps S shape medial joint , self-ratchet 33cm or better	UNIVERSAL GRASPER 5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	~	<b>√</b>	<b>√</b>	✓	<b>✓</b>	<b>/</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	
81	Dissecting scissor S shape medial joint 33cm	METZENBAUM ADTEC MONOPOLAR TC Dissecting Scissors, jaw inserts, monopolar, curved to left, 310 mm	Vertex	B.Braun Aesculap AG, Germany	<b>1</b>	~	~	<b>✓</b>	<b>✓</b>	<b>✓</b>	25	5	2	0	0	0 0	5		2 1	1	2	2	1	1	5	52	
82	Dissecting scissor S shape distal joint 33cm	JAW INS.TC METZ.SCISSORS LFT-CVD 5/310MM	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	<b>✓</b>	<b>✓</b>	~	<b>√</b>	<b>✓</b>	25	5	2	0	0	0 0	5	2	2 1	1	2	2	1	1	5	52	

Part				r								r															1			
No.   Control Section   No.	83		Dissecting Scissors, jaw inserts,	Vertex	A /	1	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Section of shape in the first (myse) 3 page (myse) 19   Section of Shape in the first (myse) 2 page (myse) 19   Section of Shape in the firs	84			Vertex		1	<b>√</b>	✓	1	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Participant Stage loade type	85	Retractor S shape 3 teeth ,length 27cm	opening width: 200 mm, non-sterile,	Vertex	_	1	~	<b>✓</b>	1	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Secretaries	86		only, fixed, depth: 30 mm, width: 100 mm, non-sterile, reusable (IN	Vertex		1	<b>√</b>	<b>*</b>	1	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Sociel and Englished New Place Community (Section And Place Community (Sec	87	Retractor S shape blade type	only, fixed, depth: 40 mm, width: 100	Vertex		<b>✓</b>	<b>~</b>	<b>4</b>	<b>✓</b>	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Section and irrigation tube from, 38cm School And Stration Not Not Not Not Stration Not	88	Lung Spatula S shape length 27cm	JAW INS.LUNG GRASP.D:5/310MM	Vertex	1	1	✓	1	1	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Strict of the Common   Commo	89		•	Vertex		1	✓	1	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Section of Section   Sec	90			Vertex	_	1	1	1	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Security	91			Vertex		1	✓	✓	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Unipolar connector pin, length 40cm SMM Vottex Gramary V V V V V V V V V V V V V V V V V V V	92			Vertex		1	<b>✓</b>	<b>√</b>	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
27cm 310MM Vertex Germany Vertex Germany Vertex B. Braun Assestlap AG. V.	93			Vertex		1	<b>√</b>	1	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Manual Processes   Manual Proc	94			Vertex		1	<b>√</b>	1	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Second   S	95	Sling passer length 25cm	VALVE XS SUTURE PASSER 390MM	Vertex		1	✓	1	1	✓	1	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Struments container   BOTTOM FOR 1/1 CONTAINER   HEIGHT-187MM   Vertex   B.Braun Aesculap AG, Germany   Vertex   B.Braun Aesculap AG, Germany   Vertex   S.COPE TRAY SOOX132X44MM FOR 2   Vertex   Vertex   Vertex   Vertex   Vertex   Vertex   Vertex   Vertex   S.COPE TRAY SOOX132X44MM FOR 2   Vertex   S.COPE TRAY SOOX132X44MM FOR 2   Vertex	96	Knot tier for extracorporeal knotting size	VALVE XS KNOT TIER PUSHER 370MM	Vertex	B.Braun Aesculap AG,	1	1	1	~	✓	1	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5			
99 Needle holder dismantling 5mm, 30cm staright jaw  Needle holder dismantling 5mm, 30cm or vertex  B.Braun Aesculap AG, Germany  Vertex  B.Braun Aesculap AG, V.	97			Vertex		~	1	1	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
STR.D:5/310MM  STR.D:5/310MM  Vertex  Germany  Vertex  Germany  Vertex  B.Braun Aesculap AG, Vertex  B.	98	Telescope container		Vertex		✓	✓	✓	<b>~</b>	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
101 Needle holder dismantling 5mm , 30cm curved to left  102 Needle holder dismantling 5mm , 30cm staright jaw  Needle holder dismantling 5mm , 30cm staright j	99			Vertex		~	✓	✓	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
101   curved to left   310MM	100			Vertex	_	1	✓	1	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
staright jaw   SMM/310MM   Vertex   Germany   V V V V V V V V V V V V V V V V V V	101			Vertex	_	1	✓	1	~	✓	~	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
Articulated nolding arm with multiple movements   Holding Arm, 750 mm, non-sterile,   Vertex   B.Braun Aesculap AG,   V   V   V   V   V   V   V   V   V	102			Vertex		<b>✓</b>	✓	✓	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
104 Instruments holding iaw 5mm to 12mm, UNIVERSAL INSTRUMENTS HOLDER, Vertex, B.Braun Aesculap AG, V V V V 25 5 2 0 0 0 0 5 2 1 1 2 2 1 1 5 52	103		Holding Arm, 750 mm, non-sterile,	Vertex		<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>~</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	
	104	Instruments holding jaw 5mm to 12mm	UNIVERSAL INSTRUMENTS HOLDER	Vertex	1	✓	✓	✓	~	✓	<b>✓</b>	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	5	52	

117	21. Bio medicus Multiport	_		_			Not Qu	oted				_					_									
116	20. Cannulas (All sizes)		ACP	Make: Surge Cardiovascular Model: FEM-V10XX Country: USA	No	No	No	<b>4</b>	✓						•	Noi	n-Resp	onsive				•				
116		Femoral Cannula Arterial	Pakistan	Make: Maquet Gentinge Country: Germany	1	✓	✓	<b>1</b>		25	0	2	2		2	2	2	1 1	2	2	1		1	5	52	
		Femoral Venous cannula	Mediland	Country: China	<b>✓</b>	<b>✓</b>	✓	<b>√</b> ✓		25	0	2	2	2 2	2	2	2	1 1	2	2	1		1	5	52	
115	19. Soft tissue Retractor			Make: Microcure Model: Wzips-A																						
114	18. Double Lumen Endotracheal tube (All sizes)										]	Not Qu	oted													
113	17. Alexis wound protector-retractors										1	Not Qu	oted													
112	16. Laparoscopic Endo Close										]	Not Qu	oted													
111	D. DISPOSABLES:			- Journay, Obri																						-1
			ACP	Make: Wexler Surgical Model: DL2224 Country: USA	No	No	No	1 1	~						ı	Noi	n-Resp	onsive				1	1			
		Paper filter, marSafe, Ø190/6mm, 500 pcs			✓	✓	✓	1 1		25	0	2	2	2 2	2	2	2	1 1	2	2	1		1	5	52	
		marTray, DIN, 477x251x64 mm			1	✓	✓	<b>√ √</b>		25	0	2	2	2 2	2	2	2	1 1	2	2	1		1	5	52	
			Mediland Pakistan	KLS Martin , Germany	1	<b>✓</b>	✓	1 1		25	0	2	2		2	2	2	1 1	2	2	1		1	5	52	
		Coding label, marSafe, w. text	N. 111 -		·	·	<u>·</u>	· ·	+	25	0	2	2		2	2	2	1 1	2	2	1	+	1	5	52	+
		MarSafe 60x30x15 with 2 trays marSafe, grey, 60x30x16cm			<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>v v</b>	+	25 25	0	2 2	2		2	2	2	1 1	2 2	2	1	-	1	5	52 52	_
		IDENT.LABEL UP TO 13 LETTERS RED			<b>√</b>	<b>1</b>	<b>√</b>	<b>√ √</b>	✓	25	5	2	0	0 0		5	2	1 1	2	2	1	7	1	5	52	
	15. Double Level	SILICONE BASKET LINER DIN SIZE			✓	✓	✓	1 1		25	5	2	0	, ,	0	5	2	1 1	2	2	1		1	5	52	
		1/1 SIZE PERF BASKET 485X253X76MM			<b>✓</b>	✓	✓	1 1	<b>1</b>	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
		FIXATION PIN FOR STORAGE DEVICES		Germany	1	✓	✓	1 1	<b>✓</b>	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
108		INSTRUMENT RACK TYPE 4 240X40MM	Vertex	B.Braun Aesculap AG, Germany	1	✓	✓	1 1	1	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
		1/1 SIZE PERF BASKET 485X253X56MM			1	✓	✓	1 1	1	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
		PRIMELINE PRO 1/1 LID RED			✓	1	✓	1 1	<b>✓</b>	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
		BOTTOM FOR 1/1 CONTAINER HEIGHT:187MM		Country: USA	1	✓	✓	1 1	<b>√</b>	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
	14. Single Level,		ACP	Make: Wexler Surgical Model: DL2230	No	No	No	<b>/</b> /	<b>✓</b>							Noi	n-Resp	onsive								
	C. Metal Sterilization containers for MIS Instruments with Mats & Adjustable Silicon Brackets: Small, Medium, Large,																									
107	,	UNITRAC Universal Scope Holder, holder, diam. 3 mm - 7,50 mm, non- sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	<b>4</b>	~	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
106	Table clamp for holding system	ATRACTOR CONNECTION CLAMP (2X IN CONSISTING)	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	1 1	~	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	
105	Extension rod for articulated holding arm	UNITRAC Universal Scope Holder, holder, diam. 3 mm - 7,50 mm, non- sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	<b>✓</b>	✓	✓	*	<b>✓</b>	25	5	2	0	0 0	0	5	2	1 1	2	2	1		1	5	52	

22. MIS Femoral arterial and venous	Femoral Venous cannula	Mediland	Make : Maquet Gentinge	✓	✓	✓	✓	✓		25		0	2	2	2	2 2	2	2	2	2	1	1	2	:	2	1	1	5	52	2
cannula (All sizes)	Femoral Cannula Arterial	Pakistan	Country: Germany	✓	✓	✓	✓	✓		25		0	2	2	2	2 2	2	2	2	2	1	1	2	:	2	1	1	5	52	2
119 E. MISCELLANEOUS INSTRUMENTS:																														
23. Long tip diathermy and core knots all suture types and needles												]	Not Q	uoteo	d															
24. Titanium fasteners knots with applicator (2 applicators and 12 Fastener in a Kit) for minimally invasive cardiac surgery		ACP	Make: LSI Sulutions Model: 031450 Country: USA	No	No	No	<b>✓</b>	<b>✓</b>	1										Non	-Resp	onsiv	re								
25. Titanium fasteners knots box of 12 singles (1 fastener per pouch) for minimally invasive cardiac surgery		ACP	Make: LSI Sulutions Model: 030950 Country: USA	No	No	No	<b>✓</b>	1	<b>✓</b>										Non	-Resp	onsiv	⁄e								
123 26. Cor-knot microdevice for (CABG)	G) Make: LSI Sulutions Model: 032500 No No No V V V Non-Responsive																													
124 27. Vacuum Assist Device		ACP		No	No	No	✓	✓	✓										Non	-Resp	onsiv	ve .								
28. Endoscopic Vein Harvesting																														
1. Telescope 0-degree 7 mm long length for vein Harvesting	Telescope 0-degree 7 mm long length for vein Harvesting	Mediland Pakistan	Model:Model: VH-1111 Make : Maquet Gentinge Country: USA	~	1	1	1	1		25		0	2	2	2	2 2	2	2	2	2	1	1	2		2	1	1	5	52	2
127 2. Power generator 12v Dc	Power generator 12v Dc	Mediland Pakistan	Model:VH-3010 Make : Maquet Gentinge Country: USA	<b>√</b>	✓	~	<b>✓</b>	<b>✓</b>		25		0	2	2	2	2 2	2	2	2	2	1	1	2		2	1	1	5	52	2
128 <b>3.</b> EVH KIT	Minimal Invasive Surgery Instrument EVH	Mediland Pakistan	Model:VASOVIEW HEMOPRO-2 (VH-4000) Make : Maquet Gentinge Country: USA	~	✓	~	~	<b>✓</b>		25		0	2	2	2	2 2	2	2	2	2	1	1	2		2	1	1	5	52	2
129 29. EXO vision set			•			•	1	<u>,                                      </u>	1			]	Not Q	uoteo	d		•									•			•	

### PESHAWAR INSTITUTE OF CARDIOLOGY Medical Teaching Institution PIC - MTI

5-A, Sector B-3, Phase-V, Hayatabad, Peshawar, KP, Pakistan

### Video-Endoscope PIC-073 LOT 02

Total Marks	70
Passing Marks	49
Opening Date	2/27/2024

																													Oper	ning Date	;		2/27/2024	
					Mandato	ory Docum	ents			Product Specification	Product	Certific	cation	1	roduct's ( rmance C	Global ertificates	Product's Loca	al Performance	Le	egal Req	uirem	ent		Techn	ical Staf	f	1	working Trainin	•	Testing & Calibration Equipment		Post warranty	Total Marks	
S.r	Firm O /Supp Name		Manufacturer/Authorized dealer	Five (05) years of Past Experience Required for same/similar service	warranty including parts, services and accessories for the period of 5 years	The Bidder is not blacklisted from any provincial or federal public entity/	repartment. FBR and Sale Tax Registration and ATL	ood and Drug Adminis	Bid Security as mentioned	Technical Evaluation	Valid US Food and Drug Administration (FDA) 510K for the quoted item	Valid European Community (CE) MDD	JIS/MHLW	Valid ISO 9001 Quality Management Certificate	e S	Certificate of Origin of Equipment on letter head of the manufacturer	One mark for each after sale satisfactory performance certificate (verifiable) on letter head of medical institution for quoted model	One mark for each after sale satisfactory performance certificate (verifiable) on letter head medical institution for pervious model	Most Recent Audit Report	Sales Tax (Last 1 Year)	Income tax (Last 1 years)	Firm registered with PEC / DRAP	Diploma Engineer	Graduate Engineers.	Graduate Engineers (PEC certificate should be attached)	S S	Availability of workshop in Peshawar	Availability of workshop at National level	Training Certificate	List of tools, testing equipment and calibration equipment relevant to the product	s :=	Post warranty maintenance contract, (companies to offer percentage (%) of the contract value . The lowest will get the full marks.	Total Marks	Remarks
					Ma	andatory		_		Total 25 Marks	Total	10 Mar	ks		Total 03 N	larks	Total 1	2 Marks		Total 0	6 Marks	s		Total (	05 Marks	i -	To	tal 03 M	arks	Total 02	2 Marks	Total 04 Marks		
										25	5	2	3	1	1	1	6	6	1	2	2	1	1	1	1	2	1	1	1	1	1	4	70	
																	Option-A																	
1	Verte Pvt Lt	Make: Aesculap AG  x Medical Country: Germany d	Υ	Y	Y	Y	Y	Y	Y	25	5	2	0	0	1	1	o	0	1	2	2	1	1	1	1	0	1	1	0	1	1	4	51	
			•		•	•	•	•		•				•	•	•	Option-B	•	-	•		-	•		•	•	•		•	-	•		-	
	Verte Pvt Lt	Make: Aesculap AG Country: Germany														Tec	hnically Dis-(	Quailified															_	
														•			Option-C											•						
	Verte Pvt Lt	x Medical Make: Aesculap AG Country: Germany	Υ	Y	Y	Υ	Υ	Υ	Y	24	5	2	0	0	1	1	0	0	1	2	2	1	1	1	1	0	1	1	0	1	1	4	50	