



PESHAWAR INSTITUTE OF CARDIOLOGY

MEDICAL TEACHING INSTITUTION, PIC - MTI

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



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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 bidding 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 Date2/27/2023																													
S No	BSD's Description	Supplier Description	Firm Name	Brand Name	Mandatory documents						Product Specification	Certification	Performance Specifications						Product's Local	Legal Requirement				Technical Staff	Networking		Additional Warranty		Remarks
					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	FBR and Sale Tax Registration and ATL	Bid Security as mentioned																			
					Mandatory						Total 25 Marks	Total 5 Marks	Total 10 Marks						Total 15 Marks	Total 06 Marks				Total 2 Marks	Total 02 Marks		Total 5 Marks		
											25	5	2	2	2	2	2	15	2	1	1	2	2	1	1	5	70		
1	A. Retractors (Multiple Use Instruments: With a complete range of lengths, angles and blades)																												
		Sternal Retractor for Mitral Valve																											
		HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile, reusable (IN CONSISTING)				✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 30 mm, width: 100 mm, non-sterile, reusable (IN CONSISTING)				✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		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)				✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS MEDIAN RETR. universal connecting clamp, non-sterile, reusable				✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS COOLEY Atrium Retractor, 250 mm, jaw length: 60 mm, rigid shaft, depth: 35 mm, non-sterile, reusable				✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Interchangeable Blades:				✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	

		HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 40 mm, width: 100 mm, non-sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS MEDIAN RETRACTOR BLADES only, fixed, depth: 43 mm, width: 28 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS MEDIAN RETRACTOR BLADES only, fixed, depth: 33 mm, width: 28 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS Suture Holding Frame, flexible, 170 mm, working length: 120 mm , diam. 18,60 mm, silicone, blue, sterile, disposable, box of 10 packages à 2 pieces			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Atrial Retractor																										
		Heart XS Cooley Atrium Retractor:			✓	✓	✓	✓	✓	✓	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 shaft, depth: 20 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	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 shaft, depth: 45 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		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: 18 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS Valve Hook, 280 mm, malleable, jaw length: 95 mm, depth: 18 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		HEART XS Valve Hook, 280 mm, malleable, jaw length: 95 mm, depth: 22 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		DEAVER HEART XS Valve Hook, 250 mm, malleable, jaw length: 75 mm, non-sterile, reusable			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Atrial retractor, mitral, Set	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		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	
		Blade f. atrial retrac. mitral, 30x35 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atrial retrac. mitral, 40x35 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atrial retrac. mitral, 50x35 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atrial retrac. mitral, 50x45 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atrial retrac. mitral, 60x45 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		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			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Atrial retractor, tricuspid, Set			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		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	
		Appl. fcps. f. atrial retractor, 30 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atr. retrac. tricuspid, 25x20mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atr. retrac. tricuspid, 25x25mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atr. retrac. tricuspid, 25x40mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Blade f. atr. retrac. tricuspid, 25x50mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	

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

		marTract, wound retr., MIDCAB, 65x50 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		marTract, wound retr., MIDCAB, 70x50 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		marTract, wound retr., MIDCAB, 92x51 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		marTract, wound retr., MIDCAB, 103x51 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		marTract, wound retr., MIDCAB, 42x57 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		marTract, wound retr., MIDCAB, 65x57 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
8	B. Minimal Invasive Instruments (For Sr No. 1-11, All sizes i.e. Small, Medium, Large, where available as per manufacturer must Be quoted)																												
9	MIS Scissors																												
10	Curved Blades	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	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
		✓			✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		✓			✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		Scissors, marCore, 15°, small, 17 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Scissors, marCore, 15°, medium, 24 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Scissors, marCore, 15°, large, 29 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Scissors, marCore, 30°, medium, 24 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Scissors, marCore, 70°, medium, 24 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			ACP	Make: Wexler Surgical Model: 1-SL8618.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
				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	Vertex	B.Braun Aesculap AG,	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52

11	Strongly Curved Blades	Large POTTS-DIETRICH 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	Vertex	Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: 2-SL8624.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
		DISSECTING SCISSORS, CVD., 26 CM	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		TC-Ligature sciss., cvd., serr., 18 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
12	2. MIS Needle Holders with Tungsten Carbide Insert & Lock																												
13	Straight Jaws	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
		TC-Needleholder, marCore, str.,w. lock,S	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		TC-Needleholder, marCore, str.,w. lock,M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		TC-Needleholder, marCore, str.,w. lock,L			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		TC-Needleholder, marCore, mini, str., M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			ACP	Make: Wexler Surgical Model: NL8595.15 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
14	Curved Jaws	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
		TC-Needleholder, marCore, cvd.,w. lock,M	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		TC-Needleholder, marCore, mini, cvd., M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			ACP	Make: Wexler Surgical Model: NL8601.15 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: NL8610.15 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: NL8603.15 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: NL8600.15 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																		
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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52		

20	Curved	VALVE XS Atraumatic Forceps, curved, 365 mm, working length: 230 mm , toothing De Bakey, jaw length: 15 mm, shaft diam.: 5 mm	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
21	Straight 1mm Jaws, TC Inserts	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		ATR. FORCEPS, DE BAKEY, 2.7 MM, 30 CM	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, DeBakey, slim, M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, Resano, single act., M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			ACP	Make: Wexler Surgical Model: FL8598.12 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																	
22	Straight Serrated 2.8mm Jaws	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	5	52	
		Forceps, marCore, DeBakey, slim, S	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, DeBakey, slim, M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, DeBakey, slim, L			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			ACP	Make: Wexler Surgical Model: FL8630.12 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																	
23	Straight 1x2, 1mm Jaws	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, DeBakey, wide, S	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, DeBakey, wide, M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, DeBakey, wide, L			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
			ACP	Make: Wexler Surgical Model: FL8600.12 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																	
24	Straight 1x2, 2.8mm Jaws	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Fcps., marCore,DeBakey,fine,sing. act.,S	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Fcps., marCore,DeBakey,fine,sing. act.,M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Fcps., marCore,DeBakey,fine,sing. act.,L			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
		Forceps, marCore, Resano, single act., S	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, Resano, single act., M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	

25	Straight 1x2, 2.8mm Jaws, w/Lock	Forceps, marCore, Resano, single act., L			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
			Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
27	45° Angled 1x2, 1mm Jaw	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
			Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
28	4. MIS Resano Forceps	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, Resano, single act., S	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, Resano, single act., M			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Forceps, marCore, Resano, single act., L			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
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	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	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			✓	✓	✓	✓	✓	✓	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			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Hook, marCore, 5 mm, 26 cm	Mediland Pakistan	Country: USA	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Hook, marCore, 120° , 10 mm, 36 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Ligature catcher, marCore, 26 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Scalpel handle, marCore, #11, 34 cm			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
30	6. Chordae Sizer																											
		VALVE XS TENDINOUS CORDS RULER 355MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
31	Round Handle, 14.25” (36cm)	Valve sizer, Dzemeshkevich, 17 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		marCore, sizer, Chordae Tendinae, 41cm			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
32	Container as per instrument		ACP		No	No	No	✓	✓	✓	Non-Responsive																	
33	7. MIS Russian Forceps	RUSSIAN FORCEP	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		ATR. FORCEPS, DE BAKEY, 2.7 MM, 30 CM	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
34	8. Thoracoscopic Knot Tier/Pusher w/o Lock and w/Lock	KNOT PUSHER Straight VALVE XS KNOT PUSHER 370MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	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			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Knot-pusher, marCore, small, 17 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Knot-pusher, marCore, medium, 24 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Knot-pusher, marCore, large, 29 cm			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
35	9. Suture Pusher, Flat Handle, Stainless Steel	VALVE XS SUTURE CATCHER 390MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
		Suture forceps, marCore, small, 17 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Suture forceps, marCore, med., 24 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52	
		Suture forceps, marCore, large, 29 cm			✓	✓	✓	✓	✓		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	✓	✓	✓	Non-Responsive																	
36	10. Thorascopic Clamps																											
	65mm Curved 1x2 DeBakey Atraumatic	VALVE XS ATR.DE'BAKEY CLMP.DEL.60/330MM 60mm Curved, 1x2 DeBakey Atraumatic Jaws, ,Stainless Steel, Shaft, With Ratchet, 330mm	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	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			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	

37	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			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		Bulldog clamp, marCore, right, 9,5 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		Bulldog clamp, marCore, left, 9,5 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: AL 8260.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
		BULLDOG CLAMP, DE BAKEY, STR., 9 CM	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: AL 8240.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
		BULLDOG CLAMP, GLOVER, STR., 7 CM	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: V10142 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
40	Long aortic partial clamps curved with different angles		Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		Aortic fcps., marCore, transth., 33 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: AL8274.12 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
41	11. MIS Rongeurs, Stainless Steel																													
42	Straight,	VALVE XS RONGEUR Straight. 3 x 10 mm WIDE JAW LENGTH 290MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		Rongeur, Caspar, str., 4 mm, 18 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		MARTIN-ARM-SYSTEM '99			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		UNIVERSAL-FIXATION F. MARTIN-ARM '99			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: AL1506.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
43	Angled Up	VALVE XS RONGEUR 3MM WIDE 30°UPW.ANG.JAW LENGTH 290MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		Rongeur, Caspar, upw., 4 mm, 20 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
			ACP	Make: Wexler Surgical Model: AL1510.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
44	Angled Down		Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		Rongeur, Caspar, downw., 4 mm, 20 cm	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		
		Rongeur, Caspar, downw., 4 mm, 20 cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52		

			ACP	Make: Wexler Surgical Model: AL1526.1 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																	
45	12. <u>Vats (Video Assisted Thoracic Scope)</u>																											
46	(<i>The sizes closest to those mentioned can be provided based on the manufacturer's specifications</i>)	HD Endoscope, 30°, 10 mm diam., 330 mm	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
51	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
55	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
59	Powder Blower including, sheath , rubber bulb and glass		Not Quoted																									
60	Suction irrigation tube distally angled with two way stopcock size 10mm	SUCTION/IRRIGATION INSTR.3.5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
61	Suction irrigation tube distally angled size 5mm with trumpet valve handle	SUCTION/IRRIGATION INSTRUMENT 5MM/330MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
67	13. <u>Mini Thoracotomy</u>																											
68	<i>(The sizes closest to those mentioned can be provided based on the manufacturer's specifications)</i>																											
69	Multi Retractor for Thoracic Surgery	ATRACTOR IMA Retraction Complete set	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
74	Fiber optic light cable 4.7mm , 250cm length	FULL HD LIGHT CABLE D:4.8MM 2.5M LONG	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
78	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
79	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	

83	Dissecting Scissor S shape Distal End Angled ,medial joint , length 26cm	METZENBAUM ADTEC MONOPOLAR TC Dissecting Scissors, jaw inserts, monopolar, curved to left, 310 mm...	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
84	Tubular Dissecting Scissor s shape , length 35cm	NOIR METZENBAUM SCISSORS D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
85	Retractor S shape 3 teeth ,length 27cm	HEART XS MEDIAN RETRACTOR ONLY, opening width: 200 mm, non-sterile, reusable (IN CONSISTING)	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
86	Retractor Distal end curved 3 teeth , length 27cm	HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 30 mm, width: 100 mm, non-sterile, reusable (IN CONSISTING)	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
87	Retractor S shape blade type	HEART XS MEDIAN RETRACT.BLADES only, fixed, depth: 40 mm, width: 100 mm, non-sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
88	Lung Spatula S shape length 27cm	JAW INS.LUNG GRASP.D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
89	Suction and irrigation tube distally angled 5mm, 28 cm with stop cock	SUCTION/IRRIGATION INSTRUMENT 5MM/330MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
90	Suction and irrigation tube 5mm , 30cm straight	SUCTION/IRRIGATION INSTR.3.5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
91	Suction and irrigation tube 10mm, 28cm angled	SUCTION/IRRIGATION INSTRUMENT 5MM/330MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
92	Electrode knife tip malleable, with unipolar connector pin, length 40cm	CERAMIC ELECTRODE TIP L-HK F/GK372R	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
93	Electrode Balltip malleable, with unipolar connector pin, length 40cm	HANDLE F/MONOPOLAR ELECTRODES 5MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
94	Needle holder shape with ratchet length 27cm	NEEDLE HOLDER LEFT CURVED 5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
95	Sling passer length 25cm	VALVE XS SUTURE PASSER 390MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
96	Knot tier for extracorporeal knotting size 5mm, 36cm	VALVE XS KNOT TIER PUSHER 370MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
97	Instruments container	BOTTOM FOR 1/1 CONTAINER HEIGHT:187MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
98	Telescope container	SCOPE TRAY 500X132X44MM FOR 2 SCOPES	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
99	Needle holder dismantling 5mm , 30cm staright jaw	DUROGRIP NEEDLE HOLDER STR.D:5/310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
100	Needle holder dismantling 5mm , 30cm curved to right	NEEDLE HOLDER LEFT CURVED 5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
101	Needle holder dismantling 5mm , 30cm curved to left	NEEDLE HOLDER RIGHT CURVED 5MM 310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
102	Needle holder dismantling 5mm , 30cm staright jaw	NEEDLE HOLDER SUPER RIGHTING 5MM/310MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
103	Articulated holding arm with multiple movements	UNITRAC-PNEUMATIC RETRACTION Holding Arm, 750 mm, non-sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52	
104	Instruments holding jaw 5mm to 12mm	UNIVERSAL INSTRUMENTS HOLDER	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	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	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
107	Telescope 10mm 11cm zero degree	UNITRAC Universal Scope Holder, holder, diam. 3 mm - 7,50 mm, non-sterile, reusable	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
108	C. Metal Sterilization containers for MIS Instruments with Mats & Adjustable Silicon Brackets: <i>Small, Medium, Large,</i>																													
	14. Single Level,		ACP	Make: Wexler Surgical Model: DL2230 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
	15. Double Level	BOTTOM FOR 1/1 CONTAINER HEIGHT:187MM	Vertex	B.Braun Aesculap AG, Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		PRIMELINE PRO 1/1 LID RED			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		1/1 SIZE PERF BASKET 485X253X56MM			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		INSTRUMENT RACK TYPE 4 240X40MM			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		FIXATION PIN FOR STORAGE DEVICES			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		1/1 SIZE PERF BASKET 485X253X76MM			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		SILICONE BASKET LINER DIN SIZE	Mediland Pakistan	KLS Martin , Germany	✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		IDENT.LABEL UP TO 13 LETTERS RED			✓	✓	✓	✓	✓	✓	25	5	2	0	0	0	0	5	2	1	1	2	2	1	1	5	52			
		MarSafe 60x30x15 with 2 trays			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		marSafe, grey, 60x30x16cm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		Coding label, marSafe, w. text			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		marTray, DIN, 477x251x25 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		marTray, DIN, 477x251x64 mm			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		Paper filter, marSafe, Ø190/6mm, 500 pcs			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		ACP	Make: Wexler Surgical Model: DL2224 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																				
111	D. DISPOSABLES:																													
112	16. Laparoscopic Endo Close	Not Quoted																												
113	17. Alexis wound protector-retractors	Not Quoted																												
114	18. Double Lumen Endotracheal tube (All sizes)	Not Quoted																												
115	19. Soft tissue Retractor			Make: Microcure Model: Wzips-A Country: China																										
116	20. Cannulas (All sizes)	Femoral Venous cannula	Mediland Pakistan	Make : Maquet Gentinge Country: Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		Femoral Cannula Arterial			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
			ACP	Make: Surge Cardiovascular Model: FEM-V10XX Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
117	21. Bio medicus Multiport	Not Quoted																												

118	22. MIS Femoral arterial and venous cannula (All sizes)	Femoral Venous cannula	Mediland Pakistan	Make : Maquet Gentinge Country: Germany	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
		Femoral Cannula Arterial			✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
119	E. MISCELLANEOUS INSTRUMENTS:																													
120	23. Long tip diathermy and core knots all suture types and needles		Not Quoted																											
121	24. Titanium fasteners knots with applicator (2 applicators and 12 Fastener in a Kit) for minimally invasive cardiac surgery		ACP	Make: LSI Sultions Model: 031450 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
122	25. Titanium fasteners knots box of 12 singles (1 fastener per pouch) for minimally invasive cardiac surgery		ACP	Make: LSI Sultions Model: 030950 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
123	26. Cor-knot microdevice for (CABG)		ACP	Make: LSI Sultions Model: 032500 Country: USA	No	No	No	✓	✓	✓	Non-Responsive																			
124	27. Vacuum Assist Device		ACP		No	No	No	✓	✓	✓	Non-Responsive																			
125	28. Endoscopic Vein Harvesting																													
126	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	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
127	2. Power generator 12v Dc	Power generator 12v Dc	Mediland Pakistan	Model:VH-3010 Make : Maquet Gentinge Country: USA	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
128	3. EVH KIT	Minimal Invasive Surgery Instrument EVH	Mediland Pakistan	Model:VASOVIEW HEMOPRO-2 (VH-4000) Make : Maquet Gentinge Country: USA	✓	✓	✓	✓	✓		25	0	2	2	2	2	2	2	2	1	1	2	2	1	1	5	52			
129	29. EXO vision set		Not Quoted																											

<div>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</div>																																	Total Marks				70	
																																	Passing Marks				49	
																																	Opening Date				2/27/2024	
S.NO	Firm Name /Supplier Name		Mandatory Documents							Product Specification	Product Certification			Product's Global Performance Certificates			Product's Local Performance		Legal Requirement				Technical Staff				Networking and Training			Testing & Calibration Equipment		Post warranty	Total Marks	Remarks				
			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/ department.	FBR and Sale Tax Registration and ATL	Valid US Food and Drug Administration (FDA) 510K	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	Valid ISO 13485 Quality management certificate	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)	Manufacturer Trained Engineer in Pakistan on quoted Equipment.	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	Spare Parts readily availability (Inventory list)	Post warranty maintenance contract, (companies to offer percentage (%) of the contract value . The lowest will get the full marks.	Total Marks					
			Mandatory							Total 25 Marks	Total 10 Marks			Total 03 Marks			Total 12 Marks		Total 06 Marks				Total 05 Marks				Total 03 Marks			Total 02 Marks		Total 04 Marks						
										25	5	2	3	1	1	1	6	6	1	2	2	1	1	1	1	0	1	1	1	0	1	1	4		70			
	Option-A																																					
1	Vertex Medical Pvt Ltd	Make: Aesculap AG Country: Germany	Y	Y	Y	Y	Y	Y	25	5	2	0	0	1	1	0	0	1	2	2	1	1	1	1	0	1	1	0	1	1	0	4	51					
	Option-B																																					
	Vertex Medical Pvt Ltd	Make: Aesculap AG Country: Germany	Technically Dis-Quailified																																			
	Option-C																																					
	Vertex Medical Pvt Ltd	Make: Aesculap AG Country: Germany	Y	Y	Y	Y	Y	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						