### PESHAWAR INSTITUTE OF CARDIOLOGY

**MEDICAL TEACHING INSTITUTION, PIC - MTI** 

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### **Notification**

Date: 13-06-2023

# TECHNICAL EVALUATION REPORT FOR THE PURCHASE OF CARDIAC SURGERY DISPOSABLES

Tender Ref/Opening Date: PIC-065/2023-2024 (23 May 2023)

Reference to the bid opening meeting dated 23-05-2023. 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 22-06-2023 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 CARDIAC SURGERY DISPOSABLES

Tender Ref/Opening Date: PIC-065/2023-2024 (23 May 2023)

	T	T			Γ		L	egal R	eani	rment		1	Certifica	tion		DR	AP	Es	perience	1	Sample		Remarks
S No	BSD's Description	Item Name (Vendor Description)	Firm Name	Brand Name	Country of Origin/Manufacturere	Manufacturer Authorization Certificate	NTN Certificate	Sales Tax Registration	Integrity Pact	Undertaking Regarding Drug Cancellation/Suspnsion of qouted product	Undertaking Regarding Non Declaration of Suprious/Adultery Batch by DTIs	US FDA Certificate (for Quoated Items)	Certificate of CE Marking	ISO 13485	Free Sale Certificate	Manufacturing /Import License issued by DRAP	Drug Registration Certificate issued by DRAP	Product Expirience	Experience of bidder in relevant field /quoted Items Purchase Orders should be attached (Each Hospitals Carry 1 Marks)	Total	Sample (Excellent) 15 Sample (Good) 10 Sample (Average) 05	Total Marks	
								Man	ndato	ory		10	1-	lao.	1-	-	Total	Marks	140		45	-0	
				Accriva, Werfen / IL, ITC,			_		_			10	5	10	5	5	5	5		55		70	
1	ACT Tube (Winner should install new ACT Machines as per	ACT Tube	Iqbal & Company	USA	USA	✓	1	1	✓	✓	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
		DUAL HR-ACT CARTRIDGE 402-03	Medtronic	Medtronic Minneapolis,MN USA	USA	✓	1	<b> </b>	<b>✓</b>	✓	1	10	5	10	5	5	5	5	10	55	15	70	
2	Annuloplasty Mitral Repair Ring 3D Shape Rigid	PROFILE 3D™ RIGID ANNULOPLASTY RING MITRAL Sizes(24, 26, 28, 30, 34, 36, 38 & 40)	Medtronic	Medtronic USA/Mexico	USA	<b>4</b>	1	~	~	✓	1	10	5	10	5	5	5	5	10	55	15	70	
3	Annuloplasty Mitral Repair Ring Semi-Rigid Physiologic Motion and remodeling	CG FUTURE™ SEMI-RIGID ANNULOPLASTY RING MITRAL Sizes(24, 26, 28, 30, 32, 34, 36 & 38)	Medtronic	Medtronic USA/Mexico	USA	✓	1	1	1	✓	1	10	5	10	5	5	5	5	10	55	15	70	
4	Annuloplasty Repair Ring Flexible (Mitral)	DURAN ANCORE™ FLEXIBLE ANNULOPLASTY RING MITRAL Sizes (23, 25, 27, 29, 31, 33 & 35)	Medtronic	Medtronic USA/Mexico	USA	*	1		<b>1</b>	<b>√</b>	<b>*</b>	10	5	10		5	5	5	10	55	15	70	
		Annuloplasty Repair ring Flexible Mitral	Verizon	St. Jude Medical	USA / Europe	✓	<u> </u>	<b>/</b>	<b>✓</b>	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
	Annuloplasty Repair Ring Flexible	Annuloplasty Repair ring Flexible Tricuspid	Verizon	St. Jude Medical	USA / Europe	✓	1	1	1	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
5	(Tricuspid)	DURAN ANCORE™ FLEXIBLE ANNULOPLASTY RING MITRAL Sizes (23, 25, 27, 29, 31, 33 & 35)	Medtronic	Medtronic USA/Mexico	USA	✓	1	1	~	✓	<b>*</b>	10	5	10	5	5	5	5	10	55	15	70	
6	Annuloplasty Tricuspid Repair Ring Rigid 3D Remodeling	CONTOUR 3D™ TRICUSPID ANNULOPLASTY RING RIGID Sizes(26, 28, 30, 32, 34 & 36)	Medtronic	Medtronic USA/Mexico	USA	✓	1	1	1	✓	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
	Aortic Cannula Curve Tip Vented	Aortic Cannula Curve Tip Vented connector Adult	Flowtronix System	Andocor Belgium	Andocor Belgium	<b>*</b>	✓	1	<b>~</b>	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
8	connector Adult	DL P™ CURVED TIP ARTERIAL CANNULAE ADULT SIZES, 20, 22 & 24	Medtronic	Medtronic Minneapolis,MN USA	USA	✓	1	1	~	✓	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
9	Aortic Cannula Curve Tip Vented connector Peads	Aortic Cannula Curve Tip Vented connector Peads Metal tip	Flowtronix System	Andocor Belgium	Andocor Belgium	1	1	<b>/</b>	<b>✓</b>	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
	Aortic Cannula Straight Tip	Aortic Cannula Straight Tip Vented connector Adult	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	1	1	✓	✓	1	0	5	10	5	5	5	5	10	45	15	60	
10	Vented connector Adult	DL P™ FLEXIBLE ARCH ARTERIAL CANNULAE STRAIGHT ADULT SIZES, 18, 20, 22 & 24	Medtronic	Medtronic Minneapolis,MN USA	USA	<b>√</b>	✓	~	~	✓	1	10	5	10	5	5	5	5	10	55	15	70	
11	Aortic Cannula Straight Tip Vented connector Peads	DL P™ STRAIGHT TIP ARTERIAL CANNULAE STRAIGHT PAED Sizes (08, 10, 12 & 14)	Medtronic	Medtronic Minneapolis,MN USA	USA	✓	1	<b>1</b>	~	✓	✓	10	5	10		5	5	5	10	55	15	70	
		Aortic Punch	Cardiac Care	A&E MEDICAL	USA								Non-l	Respon	sive								
12	Aortic Punch	AORTIC PUNCH Sizes 3.5mm, 4.0mm, 4.4mm & 5.0mm	Medtronic	Medtronic , Mexico	Medtronic , Mexico	✓	<b>~</b>	1	<b>✓</b>	✓	✓	10	0	10		5	5	5	10	50	15	65	
		Aortic Punch	Flowtronix System	IBC- USA	USA								Non-l	Respon	isive								

								**	. 0												ı	_	T
	Pacing Wire Bipolar	D . W. H . 1	G. F. G	FIAD	779 4 X X Y		1 /		t Quot		1 /	1 .	-	1	-	_			10	1	1.5	0	
14	Pacing Wire Unipolar	Pacing Wire Unipolar	Cardiac Care	FIAB	ITALY	✓	✓	- ✓	✓	✓	<b>√</b>	0	5	10	5	5	5	5	10	45	15	60	
		Aortic Root Cannula Peads a. With Vent Line b. Without Vent Line	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	✓	1	1	1	~	0	5	10	5	5	5	5	10	45	15	60	
15	Aortic Root Cannula Peads a. With Vent Line b. Without Vent Line	A) Aortic Root Cannula with Vent Line Peads DL P™ AORTIC ROOT CANNULAE WITH VENT LINE Sizes (16G 5FR)	Medtronic	Medtronic Minneapolis,MN USA	USA	*	1	· /	~	1	~	10	5	10	5	5	5	5	10	55	15	70	
		B) Aortic Root Cannula without Vent Line Peads DL P™ AORTIC ROOT NEDDLE WITHOUT VENT LINE Sizes (18g 4fr, 16G 5FR)	Medtronic	Medtronic Minneapolis,MN USA	USA	✓	1	1	~	1	~	10	5	10	5	5	5	5	10	55	15	70	
	Aortic Root Cannula with Vent	Aortic Root Cannula with Vent Line Adult	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	1	✓	1	✓	<b>✓</b>	0	5	10	5	5	5	5	10	45	15	60	
16	Aorue Root Cannula with Vent Line Adult	Sizes (12G 9FR & 14G 7FR)	Medtronic	Medtronic Minneapolis,MN USA	USA	<b>√</b>	~	~	1	~	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
	Arterial Line with Guide Wire	Arterial Line with Guide Wire Femoral Adult	Cardiac Care	VYGON	EUROPE	<b>~</b>	✓	<b>✓</b>	~	1	✓	0	5	10	5	5	5	5	10	45	15	60	
17	Femoral (Peads & Adult)	Arterial Line Femoral Adults 20G	UDL Distribution (Pvt.) Ltd.	Arrow	Teleflex	<b>√</b>	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	10	65	
	remorai (reaus & Adult)	(Peads & Adult)	Iqbal & Company	Intra Special Catheter, Packing: 20/Case	Germany	✓	✓	1	✓	*	✓	10	5	10	5	5	5	5	10	55	10	65	
	Arterial Line with Cuide Wine	Arterial Line with Guide Wire Radial (Peads & Adult)	Cardiac Care	VYGON	EUROPE	✓	1	<b>✓</b>	✓	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
18	Arterial Line with Guide Wire Radial (Peads & Adult)	Arterial Lina Radial Adults 20G	UDL Distribution (Pvt.) Ltd.	Arrow	Teleflex	<b>√</b>	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	10	65	
	Radiai (Feaus & Aduit)	(Peads & Adult)	Iqbal & Company	Intra Special Catheter, Packing: 20/Case	Germany	✓	~	<b>✓</b>	✓	1	✓	10	5	10	5	5	5	5	10	55	10	65	
		Bovine Pericardium Aortic Tissue heart Valve	Verizon	Abbott, St. jude	USA / Europe	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
19	Bovine Pericardium Aortic Tissue Heart Vale.	AVALUS™ BIOPROTHESIS BOVINE PERICADIUM TISSUE HEART VALVE AORTIC SIZES (19, 21, 23, 25 & 27)	Medtronic	Minneapolis ,MN USA	Minneapolis ,MN USA	✓	1	· /	~	1	~	10	5	10	5	5	5	5	10	55	15	70	
		Bovine Pericardium Aortic Tissue Heart Vale.	Cardiac Care	EDWARD LIFE	USA	✓	1	1	✓	1	1	10	5	10	5	5	5	5	10	55	15	70	
20	Cardiac sponges							No	t Quoi	ted	•	1		•								0	
	, , , , , , , , , , , , , , , , , , ,	Cardiac Sumps	Cardiac Care	TPRI	CHINA	✓	✓	<b>√</b>	<b>√</b>	✓	✓	0	5	10	5	5	0	0	10	35	15	50	
21	Cardiac Sumps	DLP™ PERICARDIAL/INTRA CARDIAC SUMP ADULT & PEADS	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	<b>√</b>	1	1	1	1	~	10	5	10	5	5	5	5	10	55	15	70	
		Cardiac Sumps	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	✓	✓	✓	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
22	Cardiolplegia Connector /	10007//ADAPTER 10007 PERFUSION 1/4IN	Medtronic	Minneapolis ,MN ,USA	Minneapolis ,MN ,USA	✓	✓	· /	✓	1	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
	Perfusion Adopter	Cardiolplegia Connector / Perfusion Adopter	Flowtronix System	TPRI	China	✓	~	· /	1	1	✓	0	5	10	0	5	5	0	10	35	15	50	
	Cardiovascular Pack with	Surgical Procedures,	Cardiac Care	3-ТЕК	TURKEY	<b>✓</b>	1	1	1	1	~	0	5	10	5	5	0	0	10	35	15	50	
23	Antimicrobial Incise Drape, Ideal for Open Heart Surgical Procedures,	Surgical Procedures,	Flowtronix System	Almed/ Hefei C & P nonwoven	Almed/ Hefei C & P nonwoven	<b>✓</b>	1	1	1	1	~	0	0	10	0	5	0	0	10	25	10	35	
		COVER X® BY PASS DRAPE PACK WITH 4 GOWNS	A.M. Ditributors	Cover X	Henan Robestain	✓		· /		1	✓	10	5	10	5	5	5	5	10	55	10	65	
		Chest Bottle III Chamber Tube	Cardiac Care	EUROSET	ITALY	✓	✓	✓	✓	✓	✓	0	5	10		5	5	5	10	45	15	60	
24	Chest Bottle III Chamber Tube	Chest Bottle III Chamber Tube	Flowtronix System	Alleva Medical Hongkong	Hongkong									Respons									
L		3 Chamber Chest Drain Bottle	UDL Distribution (Pvt.) Ltd.	Pleur Evac	Teleflex	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
		Chest Bottle Single Chamber Tube	Cardiac Care	PAHSCO,	TAIWAN	<b>√</b>	✓	✓	✓	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
24	Chest Bottle Single Chamber Tube	Chest Drainage Bottle III Chamber with Tube	Iqbal & Company	Drain Master Unimax, (Packing : 5 / Case)	Taiwan / China	1	1	1	1	1	1	10	5	10	5	5	5	5	10	55	15	70	
25	Contegra conduit	Contegra™ Pulmonary Valve Conduit Sizes (12, 14, 16, 18, 20 & 22)	Medtronic	Medtronic, USA	Medtronic, USA	<b>*</b>	1	1	1	1	✓	10	5	10	5	5	5	5	10	55	15	70	

26	Coronary Artery Retractor	DLP™ CORONARY ARTERY RETRACTION CLIPS	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	10	5	10	5	5	5	5	10	55	15	70	
		SIZES (3.0MM & 5.00MM) Coronary Shunt	Flowtronix System	Chase Medical USA	USA			Ш					Non-I	Respons	sive								
27	Coronary Shunt	CLEARVIEW™ SHUNT ARTERIOTOMY	Medtronic	Medtronic USA/Mexico	Medtronic USA/Mexico	<b>√</b>	*	<b>✓</b>	~	<b>✓</b>	✓	10	5	10	5	5	5	5	10	55	15	70	
	Cosgrove Annuloplasty Half Ring (Mitral & Tricuspid)	2.75mm & 3.00mm)						Not (	Quote	d												0	
		CVP line (Quad lumen) with seldinger	Cardiac Care	VYGON	Europe	✓	1	1	<b>✓</b>	✓	✓	0	5	10	5	5	5	5	10	45	10	55	
	CVP line (Quad lumen) with	wire CVP Line Quad Lumen 8.5Fr X 16cm	UDL Distribution (Pvt.) Ltd.	Arrow	Teleflex	✓	1	1	<b>✓</b>	<b>✓</b>	✓	10	5	10	5	5	5	5	10	55	15	70	
29	seldinger wire length 15cm, & 16cm	CVP line (Quad lumen) with seldinger wire length 15cm, & 16cm	Flowtronix System	ABLE/Guangdong BAIHE MEDICAL CHINA	China	✓	1	1	~	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
		Quad Lumen Catheter with Seldinger wire 15cm	Iqbal & Company	Medcomp,USA Packing: 10/case	USA	✓	1	<b> </b> •	✓	✓	✓	10	5	10	5	5	5	5	10	55	10	65	
		CVP Line Tripple Lumen 7.5FR, 4.5Fr, 5.5FR	Cardiac Care	VYGON	Europe	✓	✓	1	✓	✓	✓	0	5	10	5	5	5	5	10	45	10	55	
30	CVP Line Tripple Lumen	CVP Line Triple Lumen (7 Fr X 16cm / 7Fr X 20cm)	UDL Distribution (Pvt.) Ltd.	Arrow	Teleflex	✓	1	1	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
30	C. I Eme Tippie Eunien	CVP Line Tripple Lumen	Flowtronix System	ABLE/Guangdong BAIHE MEDICAL CHINA	China	✓	1	✓	✓	✓	✓	0	5	10	5	5	5	5	10	45	10	55	
		CVP Line Tripple Lumen	Iqbal & Company	Medcomp,USA Packing: 10/case	USA	✓	1	1	✓	1	✓	10	5	10	5	5	5	5	10	55	10	65	
	Disposable kit for Cell Saver Machine (Medtronic)	ATLS24//ONE SOURCE PACK ATLS24 AUTOLOG EL240	Medtronic	Medtronic USA/Mexico	Medtronic USA/Mexico	✓	✓	1	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
32	Double lumen CVP Lines	CVP Lines Double lumen	Iqbal & Company	Medcomp,USA Packing: 10/case	USA	✓	1	1	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
	EOPA Arterial Cannula for Adults	EOPA Arterial Cannula for Adults and Peads	Cardiac Care	EDWARD LIFE	USA	✓	1	1	~	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
	and Peads	EOPA ARTERIAL CANNULA ADULT SIZES ( 18FR, 20FR & 22FR)	Medtronic	Medtronic ,Mexico	Medtronic ,Mexico	1	1	1	<b>√</b>	1	✓	10	5	10	5	5	5	5	10	55	15	70	
		FDA Approved Mechanical Heart Valve (Aortic/Mitral)	Verizon	St. Jude Medical	USA / Europe	✓	1	1	1	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
		FDA Approved Mechanical Heart Valve (Aortic/Mitral)	Flowtronix System	CadiaMed	CadiaMed					•			Non-I	Respons	sive								
34	FDA Approved Mechanical Heart Valve Latest Generation (Aortic/ Mitral)	MEDTRONIC OPEN PIVOT™ STANDARD MECHANICAL HEART VALVE AORTIC Sizes (19, 21, 23, 25 & 27)  MEDTRONIC OPEN PIVOT™ STANDARD MECHANICAL HEART VALVE MITRAL Sizes (23, 25, 27, 29, 31 & 33)	Medtronic	Minneapolis ,MN USA	Minneapolis ,MN USA	<b>√</b>	*	*	<b>✓</b>	*	<b>√</b>	10	5	10	5	5	5	5	10	55	15	70	
		FDA Approved Mechanical Heart Valve (Aortic/Mitral)	Cardiac Care	(ON-X) CRYOLIFE	USA	✓	1	1	1	✓	✓	10	5	10	5	5	5	5	10	55	10	65	
		FDA Approved Supra Annular Mechanical Heart Valve (Aortic)Regent	Verizon	St. Jude Medical	USA / Europe	✓	1	~	<b>✓</b>	1	✓	10	5	10	5	5	5	5	10	55	15	70	
35	FDA Approved Supra Annular Mechanical Heart Valve (Aortic)	MEDTRONIC OPEN PIVOT™ AP360 SUPRANNULAR HEART VALVE AORTIC Sizes (16, 18, 20, 22, 24, 26 & 28)	Medtronic	Minneapolis ,MN USA	Minneapolis ,MN USA	✓	1	~	~	<b>✓</b>	<b>√</b>	10	5	10	5	5	5	5	10	55	15	70	
		FDA Approved Supra Annular Mechanical Heart Valve (Aortic)	Cardiac Care	(ON-X) CRYOLIFE	USA	✓	1	1	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
		FDA Approved Tissue Heart Valve (Aortic/ Mitral)	Cardiac Care	EDWARD LIFE	USA	✓	1	1	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
36	FDA Approved Tissue Heart Valve (Aortic/ Mitral)	HANCOCK™ II BIOPROSTHESIS TISSUE HEART VALVE AORTIC SIZES (21, 23, 25, 27 & 29)  HANCOCK™ II BIOPROSTHESIS TISSUE HEART VALVE MITRAL SIZES (25, 27, 29, 31 & 33)	Medtronic	Minneapolis ,MN USA	Minneapolis ,MN USA	✓	*	~	<b>✓</b>	~	<b>√</b>	10	5	10	5	5	5	5	10	55	15	70	

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		Femoral Cannula Arterial and Venous	Cardiac Care	EDWARD LIFE	USA	1	1	<b>/</b>	1	1	✓	10	5	10	5	5	5	0	10	50	15	65	
		Peads																					
37	Femoral Cannula Arterial and Venous Peads	BIO-MEDICUSTM NEXTGEN FEMORAL ARTERIAL CANNULA PEADS ARTERIAL SIZES (8FR, 10FR, 12FR, 14FR & 15FR)  BIO-MEDICUSTM NEXTGEN FEMORAL VENOUS CANNULA PEADS VENOUS SIZES (8FR, 10FR, 12FR, 14FR, 15FR & 17FR)  BIO-MEDICUSTM NEXTGEN FEMORAL ARTERIAL CANNULA	Medtronic	Medtronic, Mexico	Medtronic, Mexico	<b>✓</b>	*	<b>✓</b>	<b>✓</b>	*	<b>4</b>	10	5	10	5	5	5	5	10	55	15	70	
38	Femoral Cannula with insertion kit Arterial and Venous Adult	ADULT ARTERIAL SIZES (17FR, 19FR, 21FR, 23FR & 25FR)  BIO-MEDICUSTM NEXTGEN FEMORAL VENOUS CANNULA ADULT VENOUS SIZES (19FR, 21FR, 23FR, 25FR & 27FR)  INSERTION KIT ARTERIAL INSERTION KIT VENOUS	Medtronic	Medtronic, Mexico	Medtronic, Mexico	*	*	<b>✓</b>	~	*	✓	10	5	10	5	5	5	5	10	55	15	70	
		Heat Exchanger Cardioplegia delivery System 4.1 with tubing (Adult)	Cardiac Care	EUROSET	ITALY	1	1	<b>✓</b>	1	<b>✓</b>	✓	0	5	10	5	5	5	5	10	45	15	60	
	Heat Exchanger Cardioplegia delivery System 4.1 with tubing	Heat Exchanger Cardioplegia delivery System 4.1 with tubing (Adult)	Flowtronix System	Unique/Nipro Brazil	Unique/Nipro Brazil	1	1	~	✓	1	✓	0	5	0	5	5	5	5	10	35	15	50	
	uchvery System 4.1 with tubing	CARDIOPLEGIA MYOTHERMMYOTHER DELIVERY SYSTEM	Medtronic	Minneapolis ,MN ,USA	Minneapolis ,MN ,USA	~	1	<b>/</b>	<b>✓</b>	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
40	TI CL A L L O D L	Hemofilter Adult & Peads	Cardiac Care	MEDICA	ITALY	✓	✓	✓	✓	✓	✓	0	0	10	5	5	5	5	10	40	15	55	
40	Hemofilter Adult & Peads	Hemofilter Adult & Peads	Flowtronix System	Nipro Brazil	Nipro Brazil	✓	✓	✓	✓	✓	✓	0	5	0	5	5	5	5	10	35	15	50	
41	High flow wirewound Arterial Cannula Vented with introducer and adjustable suture ring Adult	EOPA™ ELONGATED ONE-PIECE ARTERIAL CANNULAE SIZES (18FR, 20FR & 22FR)	Medtronic	Medtronic ,Mexico	Medtronic ,Mexico	1	1	✓	✓	1	✓	10	5	10	5	5	5	5	10	55	15	70	
	High flow wirewound Arterial Cannula Vented with introducer and introducer Peads	DLP™ ONE-PIECE PEDIATRIC ARTERIAL CANNULAE SIZES (8, 10, 12, 14 & 16)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	1	1	1	1	1	✓	10	5	10	5	5	5	5	10	55	15	70	
		Infant/Neonate Oxygenator with complete Tubing 03 Suction Ports, yanker and tubing organizer.	Flowtronix System	Oxium/Nipro Brazil	Oxium/Nipro Brazil	1	~		<b>✓</b>	<b>4</b>	✓	0	5	0	5	5	5	5	10	35	15	50	
1		Intra-Aortic Balloon Catheter	Cardiac Care	INSIGHTRA	USA	✓	✓	✓	✓	✓	✓	10	5	10		5	5	5	10	55	15	70	
44	Intra-Aortic Balloon Catheter	IAB Transducer Kit (intra-aortic balloon)	Flowtronix System											Respons									
		Intra-Aortic Balloon Catheter	UDL Distribution (Pvt.) Ltd.	Arrow	Teleflex		1			✓	✓	10	5	10	_	5	5	5	10	55	15	70	
45	Level sensor Pads	Level sensor Pads	Flowtronix System	TPRI	China	✓	1	✓	<b>√</b>	✓	✓	0	5	10	0	5	0	0	10	30	15	45	
46	Liga Clips	Harizon Ligation Clips Small/Medium (04 Cartridges per Pouch)	UDL Distribution (Pvt.) Ltd.	Weck	Teleflex	<b>*</b>		<b>4</b>	<b>1</b>	<b>*</b>	✓	10	5	10	5	5	5	5	10	55	15	70	
4.7	IXIXI (A.J. 10)	LV Vent (Adult)	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	_	✓		✓	✓	0	5	10	5	5	5	5	10	45	15	60	
47	LV Vent (Adult)	Sizes (15, 16 & 20)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
48	LV Vent (Peads	DLP™ Left Heart Vent Catheters Sizes (10 & 13)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
		LV Vent (Peads	Flowtronix System	Andocor Belgium	Andocor Belgium		✓			✓	✓	0	5	10	_	5	5	5	10	45	15	60	
		Mechanical Conduit With Valve Aortic	Verizon	St. Jude Medical	USA / Europe	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
49	Mechanical Conduit with Valve Aortic	GRAFT/CONDUIT Sizes (21, 23, 25, 27, 29 & 31)	Medtronic	Medtronic Minneapolis ,MN USA	Medtronic Minneapolis ,MN USA	1	~	~	✓	<b>√</b>	✓	10	5	10	5	5	5	5	10	55	15	70	
		Machanical Conduit With Valva Aortic	Cardiac Care	CRYOLIFE	USA	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
50	Multiple Coronary Perfusion Set	Multiple Coronary Perfusion set (Cardiopalgia Adptar)	Cardiac Care	EUROSET	ITALY	1	✓	✓	<b>✓</b>	1	✓	0	5	10	5	5	5	5	10	45	15	60	

		Octopus	Flowtronix System	Viper II/Chase Medical USA	USA								Non-l	Respo	nsive								
51	Octopus	TS2000//STABILIZER, TS2000 OCTOPUS EVOLUTION	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	1	<b>1</b>	· 🗸	<b>✓</b>	✓	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
		Ostial Cannula	Flowtronix System	Andocor Belgium	Andocor Belgium	1	1	1	1	1	1	0	5	10	5	5	5	5	10	45	15	60	
52	Ostial Cannula	DL PTM CORONARY OSTIAL PERFUSION CANNULAE Sizes (10Fr, 12Fr & 14Fr)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	~	~	· •	1	1	1	10	5	10	5	5	5	5	10	55	15	70	
53	Pledget 4.5mm x 6mm	, , ,		•				Not	t Quo	ted	•	_	•									0	
54	PPM VVIR with Epicardial Lead							Not	t Quo	tod												0	1
	(Dual Chamber)																					U	
55	PTFE membrane								t Quo											1		0	
		Retrograde Cannula Auto Inflate	Cardiac Care	EDWARD LIFE	USA	✓	<b>√</b>	′ ✓	1	✓	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
56	Retrograde Cannula Auto Inflate	DL P <sup>TM</sup> RETROGRADE CORONARY SINUS PERFUSION CANNULAE WITH AUTO-INFLATE CUFF Sizes (13FR & 15FR)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	~	~	ľ	ľ	1	~	10	5	10	5	5	5	5	10	55	15	70	
		Retrograde Cannula Auto Inflate	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	- ✓	′ ✓	✓	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
		Single Stage Venous Cannula Metal Tip	Flowtronix System	Andocor Belgium	Andocor Belgium	1	1.	.   🗸	1	1	1	0	5	10	5	5	5	5	10	45	15	60	1
	Single Stage Venous Cannula Metal Tip Curve Peads	Curve Peads DL P <sup>TM</sup> SINGLE STAGE VENOUS CANNULAE WITH RIGHT ANGLE METAL TIP CURVED PAED Sizes (12, 14, 16, 18, 20 & 20) DLP® Single stage Metal Tip Venous Cannulae	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	<b>✓</b>	<b>✓</b>		✓	<b>✓</b>	<b>→</b>	10	5	10		5	5	5	10	55	15	70	
58	Single Stage Venous Cannula Plastic Tip Curve Peads	DLP <sup>TM</sup> Single Stage Venous Cannulae with right angle Plastic Sizes (12, 14, 16, 18, 20 & 22)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	1	1	·   •	1	~	~	10	5	10	5	5	5	5	10	55	15	70	
	rasuc rip curve reads	Single Stage Venous Cannula Plastic Tip Curve Peads	Flowtronix System	Andocor Belgium	Andocor Belgium	1	~	· •	✓	1	1	0	5	10	5	5	5	5	10	45	15	60	
	Single Stage Venous Cannula Metal Tip Curve Adult	DL P™ SINGLE STAGE VENOUS CANNULAE WITH RIGHT ANGLE METAL TIP CURVED ADULT Sizes (22, 24, 28 & 31) DLP® Single stage Metal Tip Venous Cannulae	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	*	•		~	1	~	10	5	10	5	5	5	5	10	55	15	70	
60	Single Stage Venous Cannula Plastic Tip Curve Adult	DLP™ Single Stage Venous Cannulae with right angle Plastic Sizes (22, 24, 26, 28, 30, 32 & 34)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	1	~	· •	1	~	~	10	5	10	5	5	5	5	10	55	15	70	
	Trastic Tip Curve Addit	Single Stage Venous Cannula Plastic Tip Curve Adult	Flowtronix System	Andocor Belgium	Andocor Belgium	1	1	·   •	1	✓	1	0	5	10	5	5	5	5	10	45	15	60	
		Single Stage Venous Cannula Straight Adult	Flowtronix System	Andocor Belgium	Andocor Belgium	1	1	· 🗸	1	✓	1	0	5	10	5	5	5	5	10	45	15	60	
61	Single Stage Venous Cannula Straight Adult	DL P <sup>TM</sup> SINGLE STAGE VENOUS CANNULA RETURN REINFORCED STRAIGHT ADULT Sizes (22, 24, 26, 28, 30, 32, 34 & 36)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	~	1	· •	~	1	<b>✓</b>	10	5	10	5	5	5	5	10	55	15	70	
62	Single Stage Venous Cannula Straight Peads	DL P™ SINGLE STAGE VENOUS CANNULA RETURN REINFORCED STRAIGHT PAED Sizes (12, 14, 16, 18 & 20)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	~	<b>✓</b>	· •	1	~	~	10	5	10	5	5	5	5	10	55	15	70	
		Single Stage Venous Cannula Straight Peads	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	1	′ 🗸	1	1	1	0	5	10	5	5	5	5	10	45	15	60	1
63	Single Valve for Thoracic Drainage			•	•			Not	t Quo	ted	<u> </u>											0	
64	Adult Oxygenator with Arterial filter and tubing containing 03	Adult Oxygenator with Arterial filter and tubing containing 03 suction 1/4, tubing's yanker, Tubing Organizer.(Adult)	Cardiac Care	EUROSET	ITALY	1	~	· •	~	~	~	0	5	10	5	5	5	5	10	45	15	60	
	Organizer.	Adult Oxygenator with Arterial filter and tubing containing 03 suction 1/4, tubing's yanker, Tubing Organizer.	Flowtronix System	Brizio/Nipro Brazil	Brizio/Nipro Brazil	✓	<b>/</b>	· •	1	1	1	0	5	0	5	5	5	5	10	35	15	50	
65	Small Adult Oxygenator with Arterial filter and tubing containing 03 suction, tubing's yanker, Tubing Organizer.	Small Adult Oxygenator with Arterial filter and tubing containing 03 suction, tubing's yanker, Tubing Organizer.		Brizio/Nipro Brazil	Brizio/Nipro Brazil	1	✓	· •	~	1	~	0	5	0	5	5	5	5	10	35	15	50	
66	Peads Oxygenator with complete	Peads Oxygenator with complete Tubing 03 Suction Ports, yanker and tubing organizer. (Pediatric)	Cardiac Care	EUROSET	ITALY	1	~	<b>′</b>	~	~	~	0	5	10	5	5	5	5	10	45	15	60	

00	ruome oo oucuon rono, janker		1	1			1	т т											1	1			
	and tubing organizer.	Peads Oxygenator with complete Tubing 03 Suction Ports, yanker and tubing organizer.	Flowtronix System	Thymus/Nipro Brazil	Thymus/Nipro Brazil	✓	1	<b>/</b>	<	<b>*</b>	✓	0	5	0	5	5	5	5	10	35	15	50	
67	Spike with filter						•	Not (	)uote	d					•					•		0	
		Starfish / Urchin	Flowtronix System	Viper II/Chase Medical USA	USA								Non-F	Respons	ive								
68	Starfish / Urchin	HP3000//HEART POSITIONER HP3000 STARFISH EVO HP3500//HEART POSITIONER HP3500 URCHIN EVO	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	✓	1	~	<b>✓</b>	<b>4</b>	1	10	5	10	5	5	5	5	10	55	15	70	
69	Sterilized Surgical gauze			Not Quoted													0						
70	Surgical Ablation Clamp Bipolar	60831//CARDIOBLATE BP2 DEVICE	Medtronic	Medtronic ,USA	Medtronic ,USA	✓	✓	✓	✓	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
71	Surgical Ablation Pen Unipolar	60813//ABLATION PEN 60813 CARDIOBLATE RF PUMPLE 60814//ABLATION PEN 60814 CARDIOBLATE	Medtronic	Medtronic ,USA	Medtronic ,USA	✓	1	~	<b>~</b>	1	<b>√</b>	10	5	10	5	5	5	5	10	55	15	70	
72	Swan Ganz Catheter							Not (	Quote	d												0	
73	Surgical sealant							Not (	Quote	d												0	
		Venous Dual Stage Cannula	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	✓	<b>✓</b>	✓	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
74	Venous Dual Stage Cannula	VENOUS CANNULAE MC2™ TWO STAGE VENOUS CANNULAE REINFORCED ADULT Sizes (36X51, 34X46, 32X40, 36X46 & 28X36)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	✓	1	1	<b>✓</b>	<b>~</b>	*	10	5	10	5	5	5	5	10	55	15	70	
		Vessel Cannula	Cardiac Care	TPRI	China	✓	✓	✓	✓	✓	✓	0	5	10	5	5	0	0	10	35	15	50	
75	Vessel Cannula	DL P™ VESSEL CANNULAE SIZES (2MM & 3MM)	Medtronic	Medtronic Minneapolis,MN USA	Medtronic Minneapolis,MN USA	✓	1	1	<b>✓</b>	✓	✓	10	5	10	5	5	5	5	10	55	15	70	
		Vessel Cannula	Flowtronix System	Andocor Belgium	Andocor Belgium	✓	✓	✓	<b>√</b>	✓	✓	0	5	10	5	5	5	5	10	45	15	60	
7.0	Vessel Loops (Different Color)	Vessel Loops Torniquet	Flowtronix System	Nipro Brazil	Nipro Brazil	✓	<b>✓</b>	<b>✓</b>	✓	✓	✓	0	5	0	5	5	5	5	10	35	15	50	

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