



Notice Inviting e-Tender

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Procurement of Minimally Invasive Cardiac Surgery Instruments set for different
Medical Colleges of the Govt. of West Bengal
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-276/2023

Dated-29.05.2023

AMENDMENT-III

REVISED TECHNICAL SPECIFICATION

Minimally Invasive Cardiac Surgery Instruments set

Valve Kit				
Sr. No.	Type Of Instrument	Description	Specification (Length of instruments = working length)	Set
1	Grasper/Forceps	Debakey Fine Teeth Double Action Forcep With 1x2 Teeth Debakey Non Traumatic Double Action Forceps, TC	5mm/25cm/1.5x10- 11mm	2
2	Chitwood Aortic Cross Clamp	Debakey Chitwood Transthoracic Aortic Clamp With 2x3 & 1x2 Teeth	25cm/ 75mm	1
3	Knot Pusher	Knot Pusher Angled 25°	5 mm/25cm/14mm	1
4	MICS Scissors	Metzenbaum Joint Scissors Straight With Double	30 cm /4.0 mm	1

		Action For Highly Calcified Annulus & Valves -		
		Metzenbaum double action Scissors Curved (30°) -	25cm/3.5mm	1
		Metzenbaum double action Scissors Curved (15°) -	25/5mm	1
5	Needle Holder monoshaft	Tc Needle Holder Straight (2-0, 3-0, 4-0) -	5mm/25cm/3x10mm	1
		Tc Needle Holder Curved (2-0,3-0, 4-0) -	5mm/20cm./3x10mm	1
		Ryder needle holder for 5-o	5mm/25cm./3x10mm	1
6	Castroviejo	Castroviejo Needle Holder For 2-0, 3-0 With Lock for Valve	Tip2.5x 250-300 mm	1
7	Malleable Aortic Cross Clamp	Malleable Aortic Cross Clamp	60 mm Jaw / 30cm	1
8	Rib Retractor With 3 detachable blades	Mics Intercostal Retractor	Body	1
		Blades (Pair)	40x35 mm	1
		Blades (Pair)	50x35 mm	1
		Blades (Pair)	60x35 mm	1
9	Self retaining LA retractor system with 3 LA detachable blades	Transthoracic atrial retractor- Atrium bracket -	Blade guide 220 mm	1
		Atrium bracket- Atrium bracket-	45x30mm	1
		Guiding clamp for blade &retainer-	60x30mm	1
			45x45mm	1
10	Nerve & Vessel Hook	Nerve & Vessel Hook With Fine & Blunt Tip, total length	35 cm - blunt	1
			35cm - fine	1
			20 cm - fine	1
11	Scalpel Hoder	Long Scalpel Blade Holder for 11 No. Blade	total length of 30-35 cm	1
		Long Scalpel Blade Holder. For 15 No. Blade	total length of 30-35 cm	1

12	Cardio Plegia Needle	Mics Long & Straight Cardioplegia Needle, disposable	9 Fr	3
			7 Fr	3
13.	Cardioplegia needle with Flange SS	Tip 3 mm	25-30 cm	1
14.	Chordae tendinae sizer		5mm/35-40cm	1
15.	Valve rongeur	Straight jaw	3.5mm/25-30cm	1
CABG KIT				
Sl. No.	Type Of Instrument	Description & Specification		Set
1	Retractor set for MIDCAB with all accessories	Retractor arc middle part		1.
		Retractor arc side part(pair)		1
		Coupling rider,blade guide turning &swinging		1
		IMA Blade 30x7 mm 70 x 15x70mm		1
		IMA Blade 30x7 mm 90 x 15x70mm		1
2	Rib Retractor With 3 detachable blades	Mics Intercostal Retractor	Body	1
		Blades (Pair)	40x35 mm	1
		Blades (Pair)	50x35 mm	1
3	Needle Holder	SS Castroviejo Needle Holder 10-11 inch For 7-0, 8-0 With Lock for MIDCAB - For 6-0 with lock monoshaft - 25 cm		2 1
4	Suction Stabiliser with holder for MIDCAB			1
5	Malleable Clamp	Malleable Aortic Side Biting Clamp	30 mm/20-27.5 cm, smaller preferable	1
6	Mics Clip Applicator	Small, horizon	5 Mm / 25 Cm	1
		Medium , horizon	5 Mm/25 Cm	1
7	Mics Pott's Scissor monoshaft	Long Potts Scissor For Mics Forward Cutting (45°), (25°)	18 cm/3.5 mm 18cm /3.5mm	1 1
		Long Potts Scissor For Mics Reverse Cutting (125°)	18 cm/3.5mm	1
8	Micro dissecting scissors	curved	25-30cm	1
9	Mics coronary forceps, double action,	straight	18mm/18-20 cm	1
		angled sideways	18mm/18-20 cm	1
10	Mics IMA holding TC grasper/forceps	25° angled	3 mm shaft	1

11	Knot Pusher	Knot Pusher Straight	5 mm/15-20cm/14mm	1
12	Soft tissue retractor, disposable			10
13	Aortic punch		3.5mm 19-21cm	1
14	Ring tip forceps		1mm 25 cm	2
15	Instrument Box			2
16	Material	Instrument should be of high international quality		
17	Certification	European CE / US FDA / BIS		