

G. List of Essential Cardio Vascular Surgery Equipments and Instruments
(Section – G, Code No. – CVS)

Sr. No.	Code No.	Name of the item with full specification	Packing unit	Demand (NOs.)
	CVS	Group - A Equipments		
1	CVS 001	(a). ECG Machine (Single channel)	Each	
		(b). ECG Machine (3 channel)	Each	
2	CVS 002	ECG Machine (12 Channel)	Each	
3	CVS 003	Oxygen Concentrator	Each	
4	CVS 005	Ventilator (Adult, Paediatric & Neonate)	Each	
		Group - B Instruments		
5	CVS 011	ECG Jelly Bottle – 250gm	250gm tube each	
		Ultra Jelly - 250gm	250gm tube each	
6	CVS 012	ECG Paper Roll A4 size (30 mtr.) and (Z shape thermal paper)	Each	
7	CVS 014	Electro Cardiograph Paper Rolls 50 mm x 20 mtr	Each	
8	CVS 015	Electro Cardiograph Paper Rolls 80 mm x 20 mtr	Each	
9	CVS 016	Electro Cardiograph Paper Rolls 110 mm x 20 mtr	Each	

H. List of Laboratory Essential Equipments & Appliances
(Section – H, Code No. – LEA)

Sr. No.	Code No.	Name of Equipment	Packing Unit	Demand (NOs.)
		Group - A Equipments		
1	LEA001	Binocular Microscope	Each	
2	LEA002	Monocular Microscope Inclined	Each	
3	LEA003	(a)Centrifuge Machine - (8 Tubes)	Each	
4.	LEA004	(b) Centrifuge Machine - (16 Tubes)	Each	
5		(d) Centrifuge Machine - (36 Tubes)	Each	
6.	LEA006	Three part automatic haematology analyzer (blood cell counter)	Each	
7.	LEA007	Five part differential haematology analyzer (blood cell counter)	Each	
8.	LEA008	Semi auto bio chemistry analyzer	Each	
9.	LEA009	(a). Fully Automated Clinical Chemistry Analyzer (Medium Speed)	Each	
		(b). Fully Automated Clinical Chemistry Analyzer (High Speed)	Each	
10.	LEA010	Automated ESR Analyzer	Each	
11.	LEA011	Glucometer (with a pack of 50 test strips)	Each	
12.	LEA012	Semi Automated Coagulation Analyser	Each	
13.	LEA013	Bacteriological Incubators ISI Mark IS:3118:1978 (Size 300X 300 X 300 mm & Size 455X 455 X 455 mm)	Each	
14.	LEA014	Electrolyte Analyzer	Each	
15.	LEA016	Semi Automated Urine Test Strip Analyzer	Each	
16.	LEA017	Hemoglobin Spectrophotometer	Each	
17.	LEA018	Hemoglobino Meter (Digital Microprocessor Based)	Each	
18.	LEA020	Horizontal Laminar Flow	Each	
19.	LEA021	Dry Bath Incubator	Each	
20.	LEA022	Serological Water Bath : (ISI Mark 6593-1978)	Each	
21	LEA023	Hot Air Oven ISI Mark	Each	
22.	LEA024	Portable Autoclave ISI Marked Is:8462	Each	
23.	LEA025(a)	Autoclave, Steam, bench top, 20L, Electric	Each	
24.	LEA026	VDRL Rotator	Each	
25	LEA029	Microprocessor controlled micro typing centrifuge machine & incubator for combos cross match, antibody screening, blood grouping and syphilis test.	Each	

26.	LEA030	Blood Bank Refrigerator	Each	
27.	LEA032	Syringe & Needle Destroyer	Each	
28.	LEA034	Dielectric Tube Sealer For Blood Bags	Each	
29.	LEA035	Blood Collection Monitor	Each	
30.	LEA038	ELISA Reader with washer multi scan SSX-washer 4 MK-2 (Plate reader)	Each	
31.	LEA039	Fully automated deluxe donner couch	Each	
		Group-B Instruments		
32.	LEA041	Hemoglobin Scale Book (HSB)	Each	
33.	LEA042	Neubaur's Chamber (Counting Chambers)	Each	
34.	LEA049	Sprit Lamp	Each	

I. List of Essential Radiology X-RAYS and Accessories and film Developer etc. (Section –I, Code No. RXA)

Sr. No.	Code No.	Name of the item with full specification	Packing unit	Demand (NOs.)
	RXA	Group-A Equipments		
1.	RXA 005	100 mA X-Ray Machine High Frequency	Each	
2.	RXA 006	300mA X-Ray machine High Frequency with CR System (Digital)	Each	
3.	RXA 008	Mobile X-RAY Machine High Frequency	Each	
4.	RXA 009	C. R. – Machine Single Plate Reader Type For Digital Radiography	Each	
5.	RXA 019	Automatic Film Processor	Each	
6.	RXA 020	High Frequency Mammography Machine	Each	
		Group-B Equipments		
7.	RXA 032	X- Ray protective apron coat type light weight vinyl lead apron flexible lead equivalent to 0.25 mm to 0.5 mm. ISI Marked IS No. 7620- 1988 & amended up to date.	Each	
8.	RXA 035	Fluorescent illuminator to view on a stand 4 film of 14" x 17" LED View Box	Each	

S.No.	Code No.	Name of Item	Strength	Unit	Demand (NOs.)
1.	RXA051	Blue sensitive polyester base, double emulsion coated X-ray film	Size: 14" x 17"	Pkts of 50 Nos	
2.	RXA052	Blue sensitive polyester base, double emulsion coated X-ray film	Size: 12" x 15"	Pkts of 50 Nos	
3.	RXA053	Blue sensitive polyester base, double emulsion coated X-ray film	Size: 10" x 12"	Pkts of 50 Nos	
4.	RXA054	Blue sensitive polyester base, double emulsion coated X-ray film	Size: 8" x 10"	Pkts of 50 Nos	
5.	RXA055	Extra Oral Film	6"x10"film (for panoramic) T-mat-E Green sensitive film	Pkts of 50 Nos	
6.	RXA056	Extra Oral Film	8"x10"film T-mat-E	Pkts of 50 Nos	
7.	RXA057	LX Intra Oral Occlusal X-Ray Film	Size-4 (57X76mm) EKTA Speed	Pkts of 25 Nos	

8	RXA058	Intra Oral Periapical X Ray Film Adult Size-2	Size- 2(3.1X4.1cm) EKTA Speed in Poly soft Packet	Pkts of 150 Nos	
9	RXA059	Intra Oral Periapical X Ray Film Adult Size-0	Size- 0(22X35mm) EKTA Speed in Poly soft Packet	Pkts of 100 Nos	
10	RXA060	Digital X Ray film Single coated	Size 11"X 14"	Packs of 125 films	
11	RXA061	Digital X Ray film Single coated	Size 10"X 12"	Packs of 125 films	
12	RXA062	Digital X Ray film Single coated	Size 8"X 10"	Packs of 125 films	
13	RXA063	X ray cassettes with KG8	screen 14 X 17	Each	
14	RXA064	X ray cassettes with KG8	screen 12 X 15	Each	
15	RXA065	X ray cassettes with KG8	screen 10 X 12	Each	
16	RXA066	X ray cassettes with KG8	screen 8 X 10	Each	
17	RXA067	Single emulsion films for memography		Pkts of 50 nos.	
18	RXA068	Dry view Laser films Kodak	Size : 14"X 17 "	Pkts of 100 nos.	
19	RXA069	Dry view Laser films Kodak	Size : 11"X 14"	Pkts of 100 nos.	
20	RXA070	Dry view Laser films Kodak	Size : 10"X 12"	Pkts of 100 nos.	
21	RXA071	Dry view Laser films Kodak	Size : 8"X 10 "	Pkts of 100 nos.	
22	RXA072	Dry view Laser films Fuzi	Size : 14"X 17 "	Pkts of 100 nos.	
23	RXA073	Dry view Laser films Fuzi	Size : 11"X 14 "	Pkts of 100 nos.	
24	RXA074	Dry view Laser films Fuzi	Size : 10"X 12 "	Pkts of 100 nos.	
25	RXA075	Dry view Laser films Fuzi	Size : 8"X 10 "	Pkts of 100 nos.	
26	RXA076	X ray Developer liquid for auto processing to make20 liters	liquid to make20 liters		
27	RXA077	X ray Fixer liquid for auto processing to make 20 liters	liquid to make20 liters		
28	RXA078	X Ray Developer Powder	22.5 gm	Packet	
29	RXA079	X Ray Fixer Powder	22.5 gm	Packet	
30	RXA080	X Ray Developer Liquid	19.5 litre	Packet	
31	RXA081	X Ray Fixer Liquid	19.5/Lit.	Packet	
32	RXA082	X Ray film Developer Powder	Powder to make 13.5 Litres	Packet	
33	RXA083	X-Ray Film Fixer Powder	Power to make 13.5 Litres	Packet	

**J. List of Essential Hospital Furniture & Other Hospital Supplies
(Section- J, Code No.- HFS)**

Sr. No.	Code No.	Name of the item with full specification	Packing unit	Demand (NOs.)
	HFS	Group-A Equipments		
1.	HFS 001	ICU Bed (motorized)	Each	

Group-B Equipments				
2.	HFS 013	Stead Bed ISI Marked IS No. 5029-1979 and amended up to date (78" X 36")	Each	
3.	HFS 015	Cylinder Trolley	Each	
4.	HFS 016	Bed Side Locker ISI Marked IS No. 4266-1969 and amended up to date	Each	
5.	HFS 017	Bed Side Locker with wheel for ICU	Each	
6.	HFS 019	Screen Bed Side (3 panels)	Each	
7.	HFS 033	Attendant Bed for Cottage & cubicles. (Size: 180 L X 60 W X 46 H cms.)	Each	
8.	HFS 034	Crash Cart for ICU	Each	
9.	HFS 038	Dressing Drum (Size: 9X9", Size: 11X9" & Size: 15X12")	Each	
10.	HFS 039	Kidney Tray S.S. ISI Marked IS No. 3992-1982 and amended up to date (Size: 6", Size: 8", Size: 10" & Size: 12")	Each	
11.	HFS 041	Instrument Tray with lead made with thick gauge S.S. sheet ISI Marked IS No. 3993-1982 and amended up to date (Size: 9"x6", Size: 10"x8", Size: 11"x7", Size: 12"x8" & Size: 12"x10")	Each	
12.	HFS 044	Stirrup Pump hand operated ISI Marked IS No. 1971-1982 & amended up to date	Each	
13.	HFS 045	Micro Glass Slips & Slide with ground polished edges measuring ISI Marked	Each	
14.	HFS 046	Foam Mattress size 72"X20"X4" with resin cover both ISI Marked IS No. 1741- 1960 and amended up to date	Each	
15.	HFS 047	Foam Mattress size 72"X36"X4" with resin cover both ISI Marked IS No. 1741- 1960 and amended up to date	Each	
16.	HFS 049	Coir Mattress size 72"X 36"X4" with resin cover ISI Marked IS No. 8391-1987 and amended up to date.(Medium & firm grade)	Each	
17.	HFS 050	Stethoscope (pediatrics & adult)	Each	
18.	HFS 052	Weighing Machine Portable Personal weighing machine with magnifying mirror capacity 125Kg. Stamping by weight & Measurement Deptt.	Each	
19.	HFS 053	Baby weighing Machine with removable tray weighing capacity 10 Kg.	Each	

M. List of Essential General Items &Hospital Supplies
(Section – M, Code No. – GIS)

Sr. No.	Code No.	Name of the item with full specification	Packing unit	Demand (Nos.)
	GIS	Group-A Equipment		
1	GIS 001	(a). Diesel Generator Set 25 KVA	Each	
		(b). Diesel Generator Set 50 KVA	Each	
		(c). Diesel Generator Set 100 KVA	Each	
		(d). Diesel Generator Set 125 KVA	Each	
2	GIS 008	(a). AC Split type (1.5 ton)	Each	
		(b). AC Split type (2.0 ton)	Each	
		Group-B Equipment		
3	GIS 021 (1)	(a). Plastic Sharps Bins (for Disinfection) 25Ltr	Each	
		(b). Plastic Bins for Four Colours (Red, Blue, Yellow, and Black) 15 ltr.	Each	
		(c). Plastic Bag for Four Colours (Red, Blue, Yellow, and Black) 15 ltr.	Each	
		(d). Sodium Hypochlorite Solution 4% ISI Marked	Each	
		(e). Biodegradable Plastic Bags (Red & Black)	Each	
4	GIS029	Indelible Ink Marker Pen	Each	
5	GIS030	Knapsack Sprayer – (Brass) Hand Operated	Each	