

**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
	<b>RXA</b>	<b>Group-A Equipments</b>	
1	RXA 001	MRI Machine 3.0 Tesla	Each
2	RXA 002	C.T. Scanner 128 Slice/256 Slice	Each
3	RXA 003	Cone Beam Computer Tomography Machine (CBCT)	Each
4	RXA 004	Panoramic/Ortho-Pentagram (OPG) X-ray Machine Digital	Each
5	RXA 005	100 mA Digital X-ray machine with CR System(Digital) with film (High Frequency)	Each
6	RXA 006	300mA Digital X-ray machine with CR System(Digital) with film (High Frequency)	Each
7	RXA 007	500mA Digital X-ray machine with CR System(Digital) with film (High Frequency)	Each
8	RXA 008	Mobile X-RAY machine High Frequency Machine	Each
9	RXA 009	C. R. –machine Multi Logan with film	Each
10	RXA 010	Cobalt Radiotherapy machine	Each
11	RXA 011	500mA, 300mA & 100 mA X-ray machine (Non-Digital)	Each
12	RXA 012	Sonography Colour Doppler Machine with 4 probe	Each
13	RXA 013	Ultra Sonography (USG) with 3 probe	Each
14	RXA 014	PET CT Scan Ultra	Each
15	RXA 015	Electrograph Sonography machine	Each
16	RXA 016	Mobile (Portable) CT Scan Machine	Each
17	RXA 017	X-Ray Digital Radiography (fixed) Machine	Each
18	RXA 018	Flat panel Detection System for Digital Radiography	Each
19	RXA 019	Automatic Film Processor	Each
20	RXA 020	Mammography Unit	Each
21	RXA 021	DEXA Machine	Each
		(A) THERMAL PRINTER - (Quote separately with ten rolls, each roll of 20 meters.)	Each
		(B) D.V.C.R. (Quote the price separately) IMAGE STORAGE Please mention image storage and re-call frozen image and post processing and measurement of re-called image using lallipers MENTION THE STORAGE MEDIA.	Each
		<b>Group-B Equipments</b>	
22	RXA 031	Lead rubber gloves Lead equivalent up to 0.5 mm various 200 pairs size of low weight and should be flexible.	Each
23	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
24	RXA 033	Chest Stand (A) Wall mounted.	Each
25	RXA 034	Lead letter “A” to “Z” and Lead Figure ‘o’ to ‘9’ and L & R set.	Each
26	RXA 035	Fluorescent illuminator to view on a stand 4 film of 14” x 17” LED View Box	Each
27	RXA036	Lead rubber sheet size 1’x3’	Each

28	RXA 037	Film Processing Equipments: 1. Dental hangers and dental clips. 2. Intensifying screens of ultra speed KR-G Rac earth class 100, 170, 200 for size 14"x17", 12"x15", 10"x 12", 8" x10" ISI Marked IS No. 10554-1983 and amended up to date 3. X- Ray protection mobile screen with lead glass window with protection of 1.5 mm lead equivalent size of lead glass for screen to be give with three flank and single flank with lead glass of size 4"x 6" and 8" x 10".	Each
29	RXA038	Barium enema syringe for air contrast.	Each
30	RXA039	X-RAY FILMS & OTHER ACCESSORIES: Cassettes of the following sizes with Aluminium top and base heavy. Bar type lock light proof lead back aluminium top ISI Marked IS No. 6991: 1985 & amended up to date. Details enclosed as annexure-A below.	Each

#### Annexure-A

RXA- 39 X-RAY FILMS & OTHER ACCESSORIES: Cassettes of the following sizes with Aluminium top and Lbase heavy. Bar type lock light proof lead back aluminium top ISI Marked IS No. 6991: 1985 & amended up to date.

S.No.	Code No.	Name of Item	Strength	Unit
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		
14	RXA064	X ray cassettes with KG8 screen 12 X 15		
15	RXA065	X ray cassettes with KG8 screen 10 X 12		
16	RXA066	X ray cassettes with KG8 screen 8 X 10		
17	RXA067	Single emulsion films for memography	1 X 50 nos.	
18	RXA068	Dry view Laser films Kodak 14"X 17 "	1 X 100 nos.	
19	RXA069	Dry view Laser films Kodak 11"X 14"	1 X 100 nos.	
20	RXA070	Dry view Laser films Kodak 10"X 12"	1 X 100 nos.	
21	RXA071	Dry view Laser films Kodak 8"X 10 "	1 X 100 nos.	

22	RXA072	Dry view Laser films Fuzi 14"X 17 "	1 X 100 nos.	
23	RXA073	Dry view Laser films Fuzi 11"X 14 "	1 X 100 nos.	
24	RXA074	Dry view Laser films Fuzi 10"X 12 "	1 X 100 nos.	
25	RXA075	Dry view Laser films Fuzi 8"X 10 "	1 X 100 nos.	
26	RXA076	X ray Developer liquid for auto processing to make 20 liters		
27	RXA077	X ray Fixer liquid for auto processing to make 20 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
34	RXA084	Ultrasound Jelly (Gel)	250ml (Plastic bottle)	Bottle
35	RXA085	USG Paper Roll	30 mtr.	

**Note:**

1. The above section wise list of essential equipments and instruments is prepared and catalogued/coded based on past experience of purchase requirement of Medical Institutions.
2. The equipments of Group-A require annual maintenance & repair services and the group-B instruments do not require annual maintenance.
3. The Deletion or Addition of items may be suggested from the catalogued items.
4. The demands shall be submitted with code number of items.
5. The firm should have its own manufacturing plant and should have its own quality control and research laboratory.
6. The equipment should be US FDA/ISO 9001-2008/E-CE certified with certificate no. etc.
7. After installation the firm should provide detail technical, manual and facility for interfacing with E-Parikshan software (DICOM compatibility with serial/USB port for online reporting & data storage etc.)
8. The manufacturer should have service engineer locally based in zonal head quarter of Rajasthan.
9. The list of engineer working in Rajasthan with their appointment proof and contact no. and address should be provided.
10. The equipment should be pest proof.
11. Bidder should submit original literature/broacher of Quoted Model, Technical compliance detail & should clearly demonstrate having any deviation between technical specifications & broacher/literature of the quoted model.