

F. List of Essential Dental Equipments & Instruments etc.
Section –F, Code no. – DEI

Sr. No.	Code No.	Name of the item with full specification	Packing unit
	DEI	Group- A Equipment	
1	DEI001	Dental Chair with unit	Each
2	DEI002	Hand Pieces (A) Air rotor hand pieces:- Standard head (B) Micro motor hand piece :- (I) Straight (II) Contra angle (C) Motorised Suction machine (D) Oil Free noise free air compressor	Each
3	DEI003	Light cure unit	Each
4	DEI004	Ultra Sonic Piezo type scalar	Each
5	DEI005	Dental X-ray unit	Each
6	DEI006	Dual/Multi frequency Apex locator	Each
7	DEI007	Glass bead sterilizer with glass beads/ <i>with auto cut</i>	Each
8	DE1008	Automatic Film Processor for Dental X- Ray	Each
9	DE1009	CBCT (Cone Beam Computer Tomography)	Each
10	DE1010	OPG Machine	Each
11	DE1011	RVG (Digital Radiography Machine) Sensor size 0, 1, 2	Each
12	DE1012	Physiodispensor for implant placement with complete Kit and accessories	Each
13	DE1013	Ultrasonic Instrument Cleaner System	Each
14	DE1014	Amalgamator Motorised	Each
15	DE1015	Front Loading Autoclave (fully programmable digital type) Min. 10 Ltr. Capacity with alarm, thermostat, safety valve.	Each
16	DE1016	UV Chamber with at least 12 SS Trays, magnetic door latch, powder coated paint with Double light, UV light auto on closing door & White tube light auto on opening the door.	Each
17	DE1017	Endo motor with or without inbuilt Apex locator with auto-cleavable hand piece ,torque & speed control, warning sounds, auto stop & reverse function, reciprocating motion	Each
		Group –B Equipment	
18	DE1021	Diagnostic Sets with Mouth mirror Containing :- mirror top and handle for intra-oral dental examination ,Probe, Explorer and Tweezers with serrated end/ <i>rust free</i>	Each
19	DE1022	Extraction forceps	
		(A) For Adults	Each
		(I) Upper	Each
		(a) Anterior	Each
		(b) premolar	Each
		© Molar	Each
		(i)Right	Each
		(ii) Left	Each
		(d) Root	Each
		(e) Third molar	Each
		(i)Right	Each
		(ii) Left	Each
		(II) lower	Each
		(a) Anterior	Each
		(b) Premolar	Each
		© Molar	Each

		(d) Root	Each
		(e) Third molar	Each
		(B) For paediatric Use	Each
		(I) Upper	Each
		(a) Anterior	Each
		(b) Posterior	Each
		(II) Lower	Each
		(a) Anterior	Each
		(b) Posterior	Each
20	DE1023	Ranger forceps	Each
21	DE1024	Elevators	
		(I) Straight	Each
		(II) Cross bar	Each
		(a) Right	Each
		(b) Left	Each
		(III) Root	Each
		(a) Right	
		(b) Left	
		(IV) Spoon Elevator	
		(V) Mooris Elevator	
22	DE1025	Periosteal Elevator	Each
23	DE1026	Hand Scalars	
		(I) Sickle	Each
		(II) Curette	Each
		(III) Chisel	Each
		(IV) Files	Each
		(V) HUE type right and left	Each
24	DE1027	Mallet (Hammer)	Each
25	DE1028	Chisel	Each
26	DE1029	Double ended curettes	Each
27	DE1030	Double ended bone file	Each
28	DE1031	Tongue Retractor	Each
29	DE1032	Cement Spatula	Each
30	DE1033	Glass Slab 6" x 3" x 8-10mm in thickness	Each
31	DE1034	Mortar (glass/ ceramic) – for Amalgamation	Each
32	DE1035	Pastel (glass/ ceramic) – for Amalgamation	Each
33	DE1036	Dap pen dish- Glass/ Ceramic	Each
34	DE1037	Dental Wire cutter	Each
35	DE1038	Universal Orthodontic Plier	Each
36	DE1039	Ligature wire SS No. 26, 28 & 30 (Coil Pkt. Of 10/14gms., Tempered soft, round)	Each
37	DE1040	Arch bar (Erich)	Each
38	DE1041	Reamer No. 15 to 80 in 21 & 25mm (Each Pkt. Set of Six)	Each
39	DE1042	File No. 15 to 80 in 21 & 25mm (Each Pkt. Set of Six)	Each
		(A) K File	Each
		(B) H File	Each
40	DEI043	Paper points No. 15 to 80 (120 in qty. in each pkt.)	Each
41	DEI044	G.P. Point No. 15 to 80 (120 in qty. in each pkt.)	Each
42	DEI045	Diamond Burs (Round, Tapered, Straight, Inverted Cone, dumbbell shaped etc.)	Each
43	DEI046	Silver (For dental filling), fine grain, Lathe cut	Each
44	DEI047	Mercury (For dental filling) Chemically purified	Each
45	DEI048	Zinc Phosphate Cement (Powder 90gms. & Liquid 30ml.)	Each
46	DEI049	Zinc Oxide Powder Super quality hybrid sub-micronized particles arsenic	Each

		free (Dental grade)	
47	DEI050	Eugenol 30-100ml.	Each
48	DEI051	Glass Ionomer cement for restoration (Powder 12-15gm. With Liquid 6-9ml.)	Each
49	DEI052	Composite pack with A. Composite material of different shades in syringe packing a) Non-Sticky, no-slump paste. b) Long working time of up to 180 seconds. c) High fracture toughness, natural appearance with smooth and easy to polish d) Organic / in-organic hybrid resin containing 10-15% nano particles. B. Etchant C. Prime & Bond liquid D. Accessories like mixing well, applicator tips, brushes	Each
50	DEI053	Finishing and Polishing kit for composite filling (I) <i>Plastic filling Instrument with high glaze police</i> (II) <i>Molar strips (Light cure)</i> 1. <i>Muslin cloth</i> 2. 12 burs each in finishing & polishing kit	Each
51	DEI054	Matrix Band No. 1 and 8 (Ivory's Pattern) with Retainer	Each
52	DEI055	Silver filing instrument Set (SS) each containing : (A) Amalgam carrier (B) Condenser Serrated © Ball Burnisher (D) Spoon shaped excavator (E) Amalgam Carver Both Maxillary & Man dilator (F) Amalgam Condenser for class II cavities (G) Amalgam polishing Cups & Disc. (H) Hatchet bin angle	Each Each Each Each Each Each Each
53	DEI056	Calcium Hydroxide (A) Powder form 10-15gms. (B) Paste Form : 10-15gm. Base : 10-12gm. Catalyst	Each
54	DEI057	Paste for devitalisation of PUIP	Each
55	DEI058	Chelating agent 3ml. Thick gel in syringe	Each
56	DEI059	Chip Syringe/ Blower with autoclavable SS tip	Each
57	DEI060	Disposable Items,Suction tips,Applicator tips,Cotton rolls(small,medium,large)	Each
58	DEI061	Cotton wool holder made up of SS, Autoclavable (for Dental use)	Each
59	DEI062	Waste Receiver made up of SS, Autoclavable (for Dental use)	Each
60	DEI063	Compact Distil water Plant for dental use approx 4 litrs capacity	Each
61	DEI064	Suction tips all size of S.S.	Each

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.