

Consumable list - National Oral Health Programme

Sr. No.	Name of the Item	Specification	PACK SIZE	Qty
1	Zinc Oxide	1) Should be specific for the dental use meeting ISO/ISI standard. 2) Should contain accelerator for rapid setting. 3) Should contain recommended percentages of other ingredients like magnesium oxide and others as per recommendations. 4) Should be usable as a temporary restorative material and also as root canal sealer. 5) It should be pure free of any impurities. 6) It should be 150 grms powder	150 Grams Packet	15
2	Eugenol	1) Pure eugenol for dental use 2) The liquid Eugenol may contain a small percentage of olive oil or other natural oil. 3) Liquid should be supplied in amber colour or similar natural oil. 4) Setting time should be 3 to 4 minutes. 5) It should be 100 ml	200 ml Bottle	10
3	Applicator Tips	1) Should be made up of plastic material to apply agent or etchant for dental use; it should contain peck or 80 tips 2) bonding	Pack of 80 Tips	15
4	Sodium hypochlorite solution 3%	1) It should have 3% in concentration meant for endodontic use. 2) Storage container should be light & leak Proof 3) It should be in 500 ml bottle	500 ml Bottle	15
5	Calcium hydroxide base for pulp capping	1) Should follow ISO/ISI standard composition. 2) It should have supply in two pastes in equal amount. 3) It should be one single unit in two paste system 10 grms base and 8 grms catalyst paste tubes	one box of 2 paste tubes, 1. base tube - 10 grms, 2. catalyst tube - 8 grms	5
6	EDTA gel	1) A chemical agent for lubrication during endodontic process 2) It should contain Ethylene diamine tetra acetic acid in a gel form 3) should have quantity of 20 grms in weight	20 Grams	10

		Specification	PACK SIZE	Qty
7	EDTA Liquid 17%	1) A chemical agent for lubrication during endodontic process 2) It should contain Ethylene diamine tetra acetic acid in a water soluble mixture. 3) should have quantity of 20 grms in weight	20 Grams	10
8	Calcium hydroxide in (Aqueous or water base) for endodontic use	1) Should be supplied as single paste system 2) Hydrated Lime with aqueous solution for dental use. 3) should contain idoform in its composition and supply in 3ml syringe with applicator tips	3 ml syringe	15
9	GP Solvent	1) D- Limonene/ orange wood oil/ eucalyptus or permissible based gutta-percha solvent for removing gutta-percha at the time of root canal retreatment 2) Should be supplied in tightly sealed, sturdy bottle. 3) It should have 15 ml glass bottle	15 ml glass bottle	10
10	Polishing Paste	1) Fine. Prophylaxis paste 2) Should contain fluoride 3) Should be available in various grit sizes and flavours 4) It should be 45 gms paste	45 Gms	10
11	Modelling Wax	1) Should be soft & pink in colour. 2) It must be capable of holding denture teeth in position at room temp and mouth temp 3) It should cohere easily 4) It should not be flaky or adhering to finger 5) It should not cause irritation to the oral tissue 6) It should be easy to trim with a sharp instrument at 23°C 7) each packet should contain 10 sheets of wax	1 packet	10
12	Green Stick	1) It should be available in stick form 2) Flow should be less than 6% at 37°C and 85% at 45°C 3) It should be homogeneous on heating on flame 4) It should be able to record fine details in mouth 5) It should be easy mold and handle 6) SHOULD HAVE 10 STICKS IN ONE PACKET	1 packet	10
13	Eugenol free Impression Paste	1. It should contain orthoethoxy benzoic acid in place of eugenol. 2. It should not irritate, 3. should be supplied as base and accelerator paste, 4. Working time should be 3-4 min. 5. Setting time should be 5-10 mins. 125 grams paste	Per unit	10
14	Stone Bur	1) Should use for finishing composites, Porcelain, Compomers, dental amalgam. 2) Should be made up of silicon carbide grit 3) It is a single bur	Per unit	12
15	Dental Stone	1) Composition – 2) Powder – (CaSO ₄) ₂ H ₂ O ₂ , Gum Arabic + Calcium carbonate 3) Setting time – 7 to 12 minutes. Final setting time – 12 to 13 minutes. Colour – Any light shade 4) Compressive Strength – 3000 lb/inch after one hour of setting. Linear expansion – 0.03% after one hour. Not more than 0.20% after two hours. 5) Packing – In 25kg. Airtight the lined with thick quality polythene. Container should be marked with the following information. • Manufacturer, Registered name & or mark • Weight in container • Setting time • Linear expansion on setting • Dt. Of manufacture of material size. – 100 mesh standard since would not retain more than 5% of residue and on the standard 25 mesh seine 6) It should be 1 kg to 1.5 kg packet	1.5 Kg	12

Sr. No.	Name of the Item	Specification	PACK SIZE	Qty
16	Topical anaesthetic spray	Should contain topical anesthetic lignocaine in a metal packed bottle of 50 ml solution .	Per unit	10
17	RVG sensor sleeves disposable	Should be flexible and leak proof made up in polythene form For dental use It should have one packet of 500 to sleeves	1 packet of 500 sleeves	10
18	Glass ionomer cement type IX	Type IX GIC 1) It should be supplied in the form of powder & liquid with components as per ADA/ISO/ISI specification 2) Material should have good handling characteristics and shelf life of at least two years from supply 3) It should have compressive strength more than 180 MPA 4) Finishing of material should be possible immediately after setting 5) It should have adequate mixing & working time. It should have less setting time 6) It should be radioopaque. 7) It should be in a box which should contain two components a) 120gms powder and b) 70 ml liquid	1 box	10

Sr. No.	Name of the Item	Specification	PACK SIZE	Qty
19	Glass Ionomer cement (Luting/ Type 1)	<ol style="list-style-type: none"> 1) Maximum particle size should be 15um 2) Powder/liquid ratio in the range of 1.8/1.0 Mixing time 3) (approx..) – 20 sec working time (approx..) – 2 min. (230 c) (from start of mixing) Final finishing commencing time 4 - 5 min (after seating the restoration) 4) Film thickness of luting cement should be <20 um 5) Material should have good track record of its use 6) ISO/ISI/CE/ADA specifications should be met 7) It should be in a box which should contain two components a) 80 to120gms powder and b) 70 ml liquid 	1 box	10
20	Light Cure Resin Restorative material (Kit)	<ol style="list-style-type: none"> 1) Light cure composite resin kit should consist of <ul style="list-style-type: none"> • Various shades of the material white to yellowish and light to darker • Preferably have Shade guide provided in the kit • Etchant gel – Phosphoric acid 35-37% • Bonding agent packaged in a leak proof and good quality bottle • Mixing pad) Applicator tips Requirements of the material: <ul style="list-style-type: none"> • Composition of material should be as per the ADA specifications • Composition of the resin : BISGMA, TEGDMA, UDMA, SIO2, and Organo sealants and other common ingredients. Suitable for user in esthetically sensitive areas. 3) Material should have optical properties like tooth and have life like appearance after making restorations. 4) Should have good Polishibility 5) The material should be freshly manufactured and should have a sufficient shelf life. 6) Material should be supplied in syringe form, should be easy to dispense and storage during use should be safe without andue polymerization. 7) A good variety of shades suitable for Indian population should be supplied as per the requirements of the user 8) Material should have optimum flow, good handling characteristics and shelf life of atleast three years from supply. 9) Material should achieve clinically and biological properties after curing. 	1 kit	5
21	Composite shade A1	<ol style="list-style-type: none"> 1) Composition of material should be as per the ADA specifications <ul style="list-style-type: none"> • Composition of the resin : BISGMA, TEGDMA, UDMA, SIO2, and Organo sealants and other common ingredients. Suitable for user in esthetically sensitive areas. 2) Material should have optical properties like tooth and have life like appearance after making restorations. 3) Should have good Polishibility 4) Material should be supplied in syringe form, should be easy to dispense and storage during use should be safe without andue polymerization. 5) A good variety of shades suitable for Indian population should be supplied as per the requirements of the user 6) Material should have optimum flow, good handling characteristics and shelf life of atleast three years from supply. 7) Material should achieve clinically and biological properties after curing supply should be in a syringe of 4 grms with despensing tips 	4 gram syringe	10

No.	Name of the Item	Specification	PACK SIZE	Qty
22	Composite shade A2	<p>1) Composition of material should be as per the ADA specifications</p> <ul style="list-style-type: none"> • Composition of the resin : BISGMA, TEGDMA, UDMA, SIO2, and Organo sealants and other common ingredients. Suitable for user in esthetically sensitive areas. <p>2) Material should have optical properties like tooth and have life like appearance after making restorations.</p> <p>3) Should have good Polishibility</p> <p>4) Material should be supplied in syringe form, should be easy to dispense and storage during use should be safe without andue polymerization.</p> <p>5) A good variety of shades suitable for Indian population should be supplied as per the requirements of the user</p> <p>6) Material should have optimum flow, good handling characteristics and shelf life of atleast three years from supply.</p> <p>7)Material should achieve clinically and biological properties after curing supply should be in a syringe of 4 grms with despensing tips</p>	4 gram syringe	10
23	Composite shade A3	<p>1) Composition of material should be as per the ADA specifications</p> <ul style="list-style-type: none"> • Composition of the resin : BISGMA, TEGDMA, UDMA, SIO2, and Organo sealants and other common ingredients. Suitable for user in esthetically sensitive areas. <p>2) Material should have optical properties like tooth and have life like appearance after making restorations.</p> <p>3) Should have good Polishibility</p> <p>4) Material should be supplied in syringe form, should be easy to dispense and storage during use should be safe without andue polymerization.</p> <p>5) A good variety of shades suitable for Indian population should be supplied as per the requirements of the user</p> <p>6) Material should have optimum flow, good handling characteristics and shelf life of atleast three years from supply.</p> <p>7) Material should achieve clinically and biological properties after curing supply should be in a syringe of 4 grms with despensing tips</p>	4 gram syringe	10
24	Composite shade B2	<p>1) Composition of material should be as per the ADA specifications</p> <ul style="list-style-type: none"> • Composition of the resin : BISGMA, TEGDMA, UDMA, SIO2, and Organo sealants and other common ingredients. Suitable for user in esthetically sensitive areas. <p>2) Material should have optical properties like tooth and have life like appearance after making restorations.</p> <p>3) Should have good Polishibility</p> <p>4) Material should be supplied in syringe form, should be easy to dispense and storage during use should be safe without andue polymerization.</p> <p>5) A good variety of shades suitable for Indian population should be supplied as per the requirements of the user</p> <p>6) Material should have optimum flow, good handling characteristics and shelf life of atleast three years from supply.</p> <p>7)Material should achieve clinically and biological properties after curing supply should be in a syringe of 4 grms with despensing tips</p>	4 gram syringe	10
25	Composite bonding agent 7th Generation	<p>1) Composition of material should be as per the ADA specifications</p> <ul style="list-style-type: none"> • Composition of the resin : BISGMA, TEGDMA, UDMA, SIO2, and Organo sealants and other common ingredients. Suitable for user in esthetically sensitive areas. <p>2) Material should have optical properties like tooth and have life like appearance after making restorations.</p> <p>3) Should have good Polishibility</p> <p>4) Material should be supplied in syringe form, should be easy to dispense and storage during use should be safe without andue polymerization.</p> <p>5) A good variety of shades suitable for Indian population should be supplied as per the requirements of the user</p> <p>6) Material should have optimum flow, good handling characteristics and shelf life of atleast three years from supply.</p> <p>7) Material should achieve clinically and biological properties after curing.</p> <p>supply should be as follows 2 x 1.2ml PQ1 syringes 2 x 1.2ml Ultra-Etch syringes 20 x Blue Micro tips 40 x Inspiral Brush tips</p>	1 box	10

No.	Specification	PACK SIZE	Qty
26	17% EDTA gel for endodontic use 1) A chemical agent for lubrication during endodontic process 2) It should contain Ethylene diamine tetra acetic acid in a Gel form 3) It should have supply in a box of 4 syringe	1 box	10
27	Diamond Burs Straight 1) Should be available in friction types design 2) Shank and neck should be made of steel of good quality. 3) Diamond particles embedded on the working end in the matrix which is durable. 4) Should not rust and corrode. 5) Should be autoclavable. 6) Should not disastrously break during use. 7) Should not dull after short duration of use. 8) It should contain 1 strip of 5 burs	5 burs in 1 packet/strip	30
28	Diamond Burs Tapered 1) Should be available in friction types design 2) Shank and neck should be made of steel of good quality. 3) Diamond particles embedded on the working end in the matrix which is durable. 4) Should not rust and corrode. 5) Should be autoclavable. 6) Should not disastrously break during use. 7) Should not dull after short duration of use. 8) It should contain 1 strip of 5 burs	5 burs in 1 packet/strip	30
29	Diamond Burs Round 1) Should be available in friction types design 2) Shank and neck should be made of steel of good quality. 3) Diamond particles embedded on the working end in the matrix which is durable. 4) Should not rust and corrode. 5) Should be autoclavable. 6) Should not disastrously break during use. 7) Should not dull after short duration of use. 8) It should contain 1 strip of 5 burs	5 burs in 1 packet/strip	30
30	Diamond Burs Inverted cone 1) Should be available in friction types design 2) Shank and neck should be made of steel of good quality. 3) Diamond particles embedded on the working end in the matrix which is durable. 4) Should not rust and corrode. 5) Should be autoclavable. 6) Should not disastrously break during use. 7) Should not dull after short duration of use. 8) It should contain 1 strip of 5 burs	5 burs in 1 packet/strip	30
31	Endodontic files (8, 10, 15- 40) Made up of stainless steel. Should follow international standardization for endodontic hand files ISO/ISI in all its features and colour coding. Should be supplied in various lengths like 21, 25, 31mm and others as per the need of the user. Should have good cutting efficiency. Handle design should have comfortable and firm grip. Supplied in assorted sets from no 8 and 10 also from 15 to 40 Should be autoclavable. Should not rust and corrode in common disinfecting solutions and sodium hypochloride. Should show sign of deformation before breakage. Endodontic files should be provided K files, reamer, Hfile.	Per unit	20
32	Endodontic files (45- 80) Made up of stainless steel. Should follow international standardization for endodontic hand files ISO/ISI in all its features and colour coding. Should be supplied in various length like 21, 25, 31mm and others as per the need of the user. Should have good cutting efficiency. Handle design should have comfortable and firm grip. Supplied in assorted sets from no 45 to 80 as per the requirement of the users. Should be auto clavable. Should not rust and corrode in common disinfecting solutions and sodium hypochloride. Should show sign of deformation before breakage.	Per unit	10

Sr. No.	Name of the Item	Specification	PACK SIZE	Qty
33	calcium hydroxide- idoform paste	1) Should follow ISO/ISI standard composition. 2) It should have supply in two pastes in equal amount 3) It should be 5 to 10 gms base and 8 to 12 gms catalyst 4) It should be premixed paste for immediate use with minimal material waste and clean up 5) It should be syringe tip delivery/for excellent access and control during placement , 6) It should be formulated with idoform for increased radioopacity and anti bacterial effect , 7) It should be used with gutta percha and root canal cements should have inuf quantity for about 40 to 50 fillings per syringe.	Per unit	5
34	Gutta-percha points	1) ISO Standardized Gutta-percha points from number 15 onward sizes (#15-40) 2) (#45-80) 3) #15,#20,#25 4) Should be supplied in assorted packets as per required numbers and quantity 5) Should be colour coded 6) Have 2 degree taper 7) Should be accurate in tip diameter and taper as per ISO standards 8) Should not buckle down easily an shold have supply in box	1 box	10

Sr. No.	Name of the Item	Specification	PACK SIZE	Qty
35	Perio Dressing Pack	1) Easily mouldable 2) Elastic consistency 3) Patient friendly 4) Eugenol Free 5) Compatible with resins 6) Regular set 7) Two paste system should be provided. 8) It should be 220 ml paste should contain a box of 2 paste (80 to 100 ml part 1 paste and 100 ml part 2 paste)	Per unit	5
36	Alginate	1) Supplied in the form powder with components as per the ADA/ISO/ISI specifications. 2) Approximate Composition – a. Powder – potassium alginate – 15%, CaSo4 – 16%, ZnO – 4%, Klf – 3%, Napo4 – 2 % and Diatomaceous earth – 60% 3) Material should not irritate the oral tissues, shall have pleasant color & flavour. Powder should have fine texture & should be free from foreign material. 4) On mixing – When mixed in accordance with manufacturer instructions material should give a smooth plastic mass of workable consistency & should be free from lumps & granules. There shall be no separation of constituents any the material shall be sufficiently plastic for under cuts & anatomical; details to be accurately reproduced but shall not run out of such impression material. 5) Mixing Time – 45 sec. – 1 min 6) Setting time – Not less than 2 minutes & 30 second	1 box of 12 alginate packets (Each packet weight = 500 grams; total box weight = 6000 grams)	12
37	Topical anaesthetic gel (Long acting)	1) Should contain lignocaine in gel form Should follow ISO/ISI standards 2) It should contain the 50 gms tube	1 tube	10

Sr. No.	Name of the Item	Specification	PACK SIZE	Qty
38	IOPA X-Ray film Adult and Pediatric size (Pack of 150 films)	1) Name – Intra-Oral-Periapical films (Adult) 2) Size of the film should be 32 x 41 mm (approx) 3) It should be E-Speed film 4) It should have a protective plastic cover (water proof) with soft borders thus making it comfortable to the patients. 5) Individual X-Ray film packet should have a double emulsion E-Speed film with embossed dot for side identification 6) The film should be covered with light proof (black coloured) paper packet and should have a lead/tin foil for preventing the effect of back scatter and for radiation protection 7) The packet should be flexible and not very rigid 8) The film should provide good radiograph with adequate density, contrast and details and should not have any inherent artifacts 9) All the film packets should have sufficient shelf life 10) It each box should contain 100 films	1 box	5
39	Suction Tips		1 box of 100 suction tips	10
40	Lubricant spray for hand piece		800 ml 1 spray	10

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