

As per Expert's opinion @ Meetings held at Pune on 6th & 7th June 2019 and Mumbai on Dated 9th July 2019

ORAL HEALTH CONSUMABLES LIST - Public Health Department, Maharashtra

Sr. No.	Name of the Item	Category	Specification	PACK SIZE	Level of Use			
					Sub Center	PHC	Hospital	Tertiary Hospital
1	Zinc Oxide	Oral Health	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 gms powder	150 Gram Packet			Y	
2	Eugenol	Oral Health	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 bottles. 4) Setting time should be 3 to 4 minutes. 5) It should be 50 to 100 ml	100 ml Bottle			Y	
3	Applicator Tips	Oral Health	1) Should be made up of plastic material to apply 2) bonding agent or etchant for dental use It should contain pack of 50 to 80 tips	Pack of 80 Tips			Y	
4	Plastic Wedges	Oral Health	1) it should be pack of 70 wedges 2) It should be small , tapering , traingwar pieces of wood or clear plastic about 1/2 inch length	70 Wedges Packet			Y	
5	Mercury	Oral Health	1) Should be 100% Pure 2) Certified by ISI/ADA/ISO 3) Should be specific for dental use. 4) Should be arsenic free. 5) Should be packaged in containers which are safe from accidental spillage and easy to dispense in required quantities. 6) it should be in 30 grams bottle	30 gram bottle			Y	
6	Matrix bands no 1	Oral Health	1) Metallic, stainless steel, Contour able, standard design 2) matrix bands no 1 3) Made up of Stainless Steel 4) should not rust and corrode in common disinfecting solution.	Per unit			Y	
7	Matrix bands no 8	Oral Health	1) Metallic, stainless steel, Contour able, standard design 2) matrix bands no 8 3) Made up of Stainless Steel 4) should not rust and corrode in common disinfecting solution.	Per unit			Y	

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8	Sodium hypochlorite solution 3%	Oral Health	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			Y	
9	Calcium hydroxide base for pulp capping	Oral Health	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 gms base and 8 gms catalyst paste tubes	one box of 2 paste tubes, 1. base tube - 10 grams , 2. catalyst tube - 8 grams			Y	
10	EDTA gel	Oral Health	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			Y	
11	EDTA Liquid 17%	Oral Health	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			Y	
12	Calcium hydroxide in (Aqueous or water base) for endodontic use	Oral Health	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			Y	
13	GP Solvent	Oral Health	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			Y	
14	Gas Refill	Oral Health	1) Should contain Liquid petroleum gas. 2) Should have Light weight, Easy to operate. 3) Refillable gas tank 4) should have weight of arround 0.5 kg	500 grams gas refill			Y	
15	Formocresol	Oral Health	1) Should contain formocresol – Preferable formula which contains Formaldehyde (19%), Cresol (35%), Glycerin (15%) and water base (31%) 2) It should be 15 - 20 ml	15 ml			Y	

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16	Polishing Paste	Oral Health	1) Fine. Prophylaxis paste 2) Should contain fluoride 3) Should be available in various grit sizes and flavours 4) It should be 35 to 45 gms paste	45 Gms			Y	
17	Hydrogen Peroxide	Oral Health	1-3% Should be available in different quantities Approved to use orally 1000 ml bottle	1000 ml bottle			Y	
18	Prophy Powder	Oral Health	Abrasive Thixotropic Should be available in different grits and flavours Non splattering Homogenous and should not dry out and upto 15 grms in weight	15 grms			Y	
19	Clasp wire 19 to 24 gauge	Oral Health	1) The wire should have Springiness, Stiffness, ability to bend without fracturing corrosion resistance and an ability to be simply joined by soldering or welding. 2) It is a set of 19 and 24 guage wire Circular in cross section and 3 feet in length in a single packet	Per unit			Y	
20	Seperating Medium	Oral Health	1) It should have excellent separating properties in between plaster & denture base material and n between plaster and plaster. 2) Should contain water, sodium alginate, borax, glycerin and dye as per ISO/ISI Standards. 3) It should form thin layer on the cast 4) It should easy to separate denture from the cast after curing 5) It should not chemically react with denture resin or should not hamper polymerization of resin 6) It should be thin enough to apply with brush on the cast 7) It should be 5 litre	5 Lit			Y	
21	Polishing Buff wet and dry	Oral Health	1) Should have fine bristles in a circular buffing wheel form. 2) Should have properties to polish denture surface. 3) 4 inch in diameter and made up of new cotton	1 unit			Y	

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22	Acrylic resin teeth (anatomic)	Oral Health	1) Shape (Mould) in assortment of shapes i.e. square avoid & tapering. 2) Shade – Approx. of 6 shades from light medium to dark 3) Size – Approx. 8 sizes ranging from small to large in each of the size & Shade 4) General – The teeth must bear resemblances to natural teeth & be free of porosity. 5) The Teeth should have sufficient translucency to give shining after processing. After processing for denture along with denture base resin should not show structural changes. One complete set from each shade & shape & size for inspection should be supplied as sample with mould chart. 6) one packet should have one size and shade common and the supply should have same number of size and shapes and should not ave only single type of shade and size.	1 packet			Y	
23	zero degree teeth set (non anatomic)	Oral Health	1) Shape (Mould) in assortment of shapes i.e. square avoid & tapering. The teeth must bear resemblances to natural teeth & be free of porosity. 2) Shade – Approx. of 6 shades from light medium to dark 3) Size – Approx. 8 sizes ranging from small to large in each of the size & shade 4) The Teeth should have sufficient translucency to give shining after processing. After processing for denture along with denture base resin should not show structural changes. One complete set from each shade & shape & size for inspection should be supplied as sample with mould chart.	1 packet			Y	
24	Assorted teeth set for RPD various shades (ANTERIOR AND POSTERIOR)	Oral Health	1) It should be in anatomic or semi anatomic or monoplanic form as per the requirements 2) It should have good anatomic structure 3) It should be available in different shades 4) It should bond chemically with denture base resin 5) It should be dimensionally stable during curing process 6) It should have enough strength, abrasion resistance and resilience 7) Should be insoluble and impermeable to oral fluids 8) Should have low specific gravity (light in weight) 9) It should withstand flasking , deflasking , curing process 10) It should have coefficient of thermal expansion same as denture base resin	1 packet			Y	
25	Modelling Wax	Oral Health	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 0c 7) each packet should contain 10 sheets of wax	1 packet			Y	

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26	Polishing Cake	Oral Health	1) Should have abrasive grit suitable for polishing denture base resins. 2) Should not burn and stain the prosthesis 3) Should have properties of polishing and 500 grams in weight 4) Should not leave remnants on the surface of prosthesis.	1 packet			Y	
27	Green Stick	Oral Health	1) It should be available in stick form 2) Flow should be less than 6% at 37oC and 85% at 45oC 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			Y	
28	Eugenol free Impression Paste	Oral Health	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			Y	
29	Impression Compound	Oral Health	1) It should be available in cake form 2) It should be fuse in hot water and form homogeneous mass 3) Working temperature: 55oC – 65oC 4) Manipulation time(Kneading time): 1-3 minutes 5) Fusion temperature:43.5oC 6) Flow should be less than 2% at 37oC and between 75-85% at 45oC 7) should have atleast 5 cakes in one packet	1 packet			Y	
30	Stone Bur	Oral Health	1) Should use for finishing composites, Porcelain, Compomers, dental amalgam. 2) Should be made up of silicon carbide grint 3) it is a single bur	Per unit			Y	

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31	Dental Stone	Oral Health	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 Ib/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			Y	
32	Pumice Powder	Oral Health	used for cleaning teeth and finishing of dentures it should have supply in 1 kg packet	1 kg			Y	
33	base plate	Oral Health	Thick quality base plates (thickness 1-1.5mm) should besupplied. Base plates must be free from foreign bodies & airvoids. Size – Size of plates should be sufficient to entirely cover anatomical areaof an average size dentalcast. A base plates should soften easily under & burner flame & be sufficient plastic at temperature which would permit molding to the cast withbase fingers withoutdiscomfort Itshould be stable at mouthtemp This thermoplastic material should be good thermal conductor so thatitcaneasily softened over the flameevenly It should be easy to adapt onsoftening It should have moderate strength It should be easy to manipulate and have atleast 9 upper plates and 3 lower plates.	1 packet			Y	
34	Polishing paper 90 & 100 no.	Oral Health	1) Useful for polishing acrylic denture surface or shellac base plate. 2) ISO Standard very fine (Macrogrit) of P150 grit of average particle diameter of 90, 100 µm. 3) should be supply as a single sheet of atleast 10 x 10 cm in dimentions	Per unit			Y	
35	Arch bars	Oral Health	It should be a flat, sturdy stainless steel bar on which fleatsorhooks are attached. It should be a type of the prefabricated Erich archbars.	Per unit			Y	
36	23 and 24 gauge SS Surgical fixation wires	Oral Health	The wire should have ability to bend without fracturing corrosion resistance 2) Circular in cross section and 3 feet in length in a single packet	Per unit			Y	
37	Topical anaesthetic spray	Oral Health	Should contain topical anesthetic lignocaine in a metal packed bottle of 50 ml solution .	Per unit			Y	

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38	Dispo Inj. Needles 26GX 1&1/2 inch	Oral Health	1) 26 guage ½ inch 2) Should have 26 guage ½ inchneedle with plastic hub Complete.	Per unit			Y	
39	Dispo Syringes with Leur Lock 3ml & 5ml	Oral Health	1) Plugger/ Piston of the syringe should fits tightly with in a cylindrical tube(barrel) 2) It should be made up of plastic material 3) It should have Leur lock tip.	Per unit			Y	
40	Xylocaine 2% with Adrenaline	Oral Health	Should contain xylocaine 2% solution for injection in vial with Adrenaline 1:80,000 to 1:1,00,000 for dental use should have packing of 25 ml	1 bottle			Y	
41	Xylocaine plain	Oral Health	should contain only xylocaine 2% solution in vial without any vasoconstrictor for dental use. Should have bottle of 25 ml	1 bottle			Y	
42	RVG senor sleeves disposable	Oral Health	Should be flexible and leak proof made up in polythene form For dental use It should have one packet of 500 to 600 sleeves	1 packet of 500 sleeves			Y	
43	Airtor Cartridges	Oral Health	1) Should have the same company as Air Rotor supplied .	Per unit			Y	
44	Glass Ionomer cement type IX	Oral Health	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) 80 to120gms powder and b) 50 to 70 ml liquid	1 box			Y	
45	Glass Ionomer cement (Luting/ Type 1)	Oral Health	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) 50 to 70 ml liquid	1 box			Y	

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46	Light Cure Resin Restorative material (Kit)	Oral Health	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 2) 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			Y	
47	Composite shade A1	Oral Health	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 dispensing tips	4 gram syringe			Y	

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48	Composite shade A2	Oral Health	1) 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. 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			Y	
49	Composite shade A3	Oral Health	1) 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. 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			Y	

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					Sub Center	PHC	Hospital	Tertiary Hospital
50	Composite shade B2	Oral Health	1) 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. 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 despending tips	4 gram syringe			Y	
51	Composite bonding agent 7th Generation	Oral Health	1) 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. 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 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	1 box			Y	
52	17% EDTA gel for endodontic use	Oral Health	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			Y	

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53	Dental Amalgam Alloy	Oral Health	1) Composition should contain :- • Silver – 60-70% • Copper – 13-30% • Fine cut of spherical alloy particles 2) Trituration time – 1 min max 3) Consistency – with the specified alloy and mercury ratio at the end of specified trituration time, mass should be of proper consistency allowing to form rope or ball 4) Carving – At the end of 5-7 mins. It should allow carving without fracture or deformation 5) Creep – restoration should not have more than 2% creep 6) Polishing – after 24 hours, the restoration on polishing should give nigh luster 7) Compressive strength – 60,000-70,000 psi. 8) Tensile strength – 7000-9000 psi 9) supply should be in 30 gram bottle	1 bottle			Y	
54	Pit and fissure sealant kit	Oral Health	1) Should have properties to flow in tooth developmental pit & fissures. 2) Should have tooth colour. 3) Should have anti carious properties. 4) This standard specifies requirements & test methods for resin based materials suitable for sealing pits & fissure in teeth. 5) This standard covers both chemically cured & external energy activated materials should follow identical adaptation of ISO 6874 : 2005	1 kit			Y	
55	Petroleum Jelly	Oral Health	1) It should be in the form of white petroleum jelly 2) Supplied in jar form. 3) Should have a long shelf life 4) Suitable for dental use like surface protection of dental cements. 5) it should be 1 kg jar	1 Kg Jar			Y	
56	Diamond Burs Straight	Oral Health	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 containd 1 strip of 7 burs	7 burs in 1 packet/strip			Y	

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57	Diamond Burs Tapered	Oral Health	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 containd 1 strip of 7 burs	7 burs in 1 packet/strip			Y	
58	Diamond Burs Round	Oral Health	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 containd 1 strip of 7 burs	7 burs in 1 packet/strip			Y	
59	Diamond Burs Inverted cone	Oral Health	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 containd 1 strip of 7 burs	7 burs in 1 packet/strip			Y	
60	Endo access bur	Oral Health	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 containd 1 strip of 7 burs	7 burs in 1 packet/strip			Y	

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61	Surgical burs for surgical straight hand piece (Round)	Oral Health	1) Should be available in Round form 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 7 burs	7 burs in 1 packet/strip			Y	
62	Surgical burs for straight hand piece (Straight)	Oral Health	1) Should be available in Straight form 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 7 burs	Per unit			Y	
63	Metal cutting Bur with air rotor attachment	Oral Health	1) Should not Rust. 2) Should Cut Metal & Ceramic crown effectively. 3) Should attach with Air rotor	Per unit			Y	
64	Articulating papers	Oral Health	1. Horse-shoe shape, double check (Blue & Red) and straight booklets 2. Should have thickness in between 25 microns (XX thin) to 63 microns (X thin) 3) should have sheet in dimension of 4 to 5cm in length and 1 to 1.5 cm in width and box should contain 100 strip booklet	1 booklet			Y	
65	Composite Polishing Kit	Oral Health	1) Should contain various sizes and shapes of rotary/hand tips. 2) Coarse, medium fine and extra fine grit should be available with colour coding.	1 kit			Y	
66	Endodontic files (8, 10, 15-40)	Oral Health	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			Y	

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67	Endodontic files (45- 80)	Oral Health	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. Endodontic files should be provided K files, reamer, H file.	Per unit			Y	
68	NiTi Rotary endodontic instruments (Single file system)	Oral Health	1) Should follow international standardization ISO/ISI in all its features 2) Should be autoclavable 3) Should not rust & corrode in common disinfecting solutions & sodium Hypochlorite 4) Should not rust and corrode in common disinfecting solutions and sodium hypochloride. 5) Should show sign of deformation before breakage.	Per unit			Y	
69	calcium hydroxide-idoform paste	Oral Health	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			Y	
70	RC Pluggers and spreaders	Oral Health	1) Should be supplied in assorted packets from number #15 to #40, # 45 to # 80; in lengths of 21 mm and 25 mm 2) Should be colour coded 3) Should have 2 degree taper 4) Should be made up of stainless steel.	Per unit			Y	

ORAL HEALTH CONSUMABLES LIST - Public Health Department, Maharashtra

Sr. No.	Name of the Item	Category	Specification	PACK SIZE	Level of Use			
					Sub Center	PHC	Hospital	Tertiary Hospital
71	Gutta-percha points	Oral Health	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 and should have supply in box	1 box			Y	
72	Absorbent points	Oral Health	ISO standardized paper points from number 15 onwards sizes (# 15-40) (#45-80)# 15, # 20, # 25 Should be supplied in assorted packets as per required numbers and quantity Should be colour coded	Per unit			Y	
73	gas torch	Oral Health	1) Should contain Liquid petroleum gas. 2) Should have Light weight, Easy to operate, Adjustable flame control. 3) Refillable gas tank	Per unit			Y	
74	Intra canal irrigation needle with lateral opening	Oral Health	1) Should inject 3ml irrigant solution into artificial canals prepared in acrylic blocks to a standard size of ISO 20,30,Or 40 2) Should have lateral opening & disposable. 3) It should be 25 to 35 needles per packet	35 Needle Packet			Y	
75	Cilofen Paper Stip Band	Oral Health	1) Should have thickness in between 30 microns to 60 microns 2) should have sheet in dimension of 4 to 5cm in length and 1 to 1.5 cm in width 3) should be made up of plastic in the form of a band with mentioned dimensions 4) It should have in the form of a translucent strip. 5) It should have adequate flexibility.	1 booklet			Y	
76	Wedges (propalyn with Steel Band)	Oral Health	1) It should be Small, Tapering, Triangular pieces of wood or clear plastic about ½ inch in length. 2) It should be each box should contain 80 to 100 wedges	100 Wedges packet			Y	

ORAL HEALTH CONSUMABLES LIST - Public Health Department, Maharashtra

Sr. No.	Name of the Item	Category	Specification	PACK SIZE	Level of Use			
					Sub Center	PHC	Hospital	Tertiary Hospital
77	Perio Dressing Pack	Oral Health	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 180 to 220 ml paste should contain a box of 2 paste (80 to 100 ml part 1 paste and 80 to 100 ml part 2 paste)	Per unit			Y	
78	Heat Cure Acrylic Powder and Liquid	Oral Health	1. It should be tasteless odorless , non toxic and non irritant 2. It should be available in different shades 3. It should bond chemically with denture acrylic teeth 4. It should be dimensionally stable during curing process 5. It should have enough strength, abrasion resistance and resilience 6. Should be insoluble and impermeable to oral fluids 7. Should have low specific gravity (light in weight) 8. It should withstand flasking , deflasking , curing process 9. It should have coefficient of thermal expansion same as denture acrylic teeth 10. It should be radio opaque so that can be detected on x ray, if swallowed accidentally 11. It should be easy to manipulate & repair 12. It should be 3 to 4 kg in a closed container	4 Kg Pack			Y	
79	Cold Cure Acrylic Powder and Liquid	Oral Health	1. Should be pink in color, strength should be good, give glossy finish & clear translucency after polishing porosity 2. Working time :- 5-7 min 3. Compressive strength :- 75 Mpa 4. Tensile strength :- 48-62 Mpa 5. Hardness:- 16 knh 6. Volumetric shrinkage :- linear 0.26 % 7. It should be 3 to 4 kg in a closed container	4 Kg Pack			Y	

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Sr. No.	Name of the Item	Category	Specification	PACK SIZE	Level of Use			
					Sub Center	PHC	Hospital	Tertiary Hospital
80	Alginate	Oral Health	<p>1) Supplied in the form powder with components as per the ADA/ISO/ISI specifications.</p> <p>2) Approximate Composition – a. Powder – potassium alginate – 15%, CaSo4 – 16%, ZnO– 4%, Kltf – 3%, Napo4 – 2 % and Diatomaceous earth – 60%</p> <p>3) Material should not irritate the oral tissues, shall have pleasant color & flavour. Powder should have fine texture & should be free from foreign material.</p> <p>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.</p> <p>5) Mixing Time – 45 sec. – 1 min</p> <p>6) Setting time – Not less than 2 minutes & 30 second</p> <p>7) General strength not less than 50 lbs/sq. Inch. Should not rupture during removal from mouth.</p> <p>a) Packing – Material should be available in tightly sealed, moisture proof Pkt. Information to be supplied by the manufacturer – Date of Manufacture & date of expiry. Adequate instruction for proportioning & manipulation of the material suitable measures for powder & water for purpose of proportioning shall be supplied by the impression during the internal between its withdrawal &</p>	1 box of 12 algenate packets (Each packet weight = 500 grams; total box weight = 6000 grams)			Y	
81	Dental plaster	Oral Health	<p>Plaster should be white without any foreign particles suitable for Dental laboratory work. It should be free from lumps. Initial setting time – should not be less than five minutes & not more than eight minutes.</p> <p>Final setting time – 12 to 15 minutes.</p> <p>Compressive strength – Not less than 1300 ib/sq. Inch after 24 hours.</p> <p>Packing – it will be delivered from time to time as & when required in the appropriate quantity & supplied in small packages as per demand in moisture proof resin bags lined with thick quality polythene.</p> <p>Be marked with –</p> <p>1) Manufacturers registered name & or mark. 2) Weight in the Container 3) Setting time 4) Date of manufacturer & Expiry 5) it should be 1 kg to 1.5 kg packet</p>	1.5 Kg Packet			Y	

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Sr. No.	Name of the Item	Category	Specification	PACK SIZE	Level of Use			
					Sub Center	PHC	Hospital	Tertiary Hospital
82	Denture Finishing Bur kit	Oral Health	1) Should contain sand stone, carbide & steel burs, abrasive coated disks or separating disks for bulk reduction. 2) 8 to 12 fluted carbide burs or abrasive with particle size of 100 µm or larger for bulk reduction. 3) 12 to 16 fluted carbide burs or 30 – 100 µm sized abrasive particle for contouring. 4) 18 – 13 flute carbide burs, fine & super fine diamond burs or abrasives between 8 & 20 µm size.	1 kit			Y	
83	Absorbable Gel Sponge	Oral Health	1. Water-insoluble, off-white, non-elastic, porous, pliable product 2. Intended for application to bleeding surfaces as a hemostatic 3. To be supplied in an individual sterile envelope enclosed in an outer peelable envelope 4. Should be available in easy to use dental sizes. 5. It each BOX SHOULD CONTAIN 10 TO 15 SPONGE	Per unit			Y	
84	Topical anaesthetic gel (Long acting)	Oral Health	1) Should contain lignocaine in gel form Should follow ISO/ISI standards 2) It should contain the 30 to 50 gms tube	1 tube			Y	
85	IOPA X-Ray film Adult and Pediatric size (Pack of 150 films)	Oral Health	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 to 120 films	1 box			Y	
86	Suction Tips	Oral Health	1. Should be made up of flexible plastic material for dental use. 2. Should have Smooth and fixed tips are securely fastened 3. It should be each box should contain 100 to 150 suction tips 4. Suction tip should have dimensions of 10 to 15 cm in length and 0.7mm to 1 cm diameter.	1 box of 100 suction tips			Y	
87	Lubricant spray for hand piece	Oral Health	1) It is used for maintenance of all dental hand pieces including high speed, slow speed and air motors. 2) it should have quantity of 800 ml	800 ml 1 spray			Y	