

**TERMS & CONDITIONS FOR SUPPLY OF**  
**DENTAL EQUIPMENTS FOR 2021– 2022**  
PRINCIPAL, S.C.B. DENTAL COLLEGE & HOSPITAL, CUTTACK  
(HEALTH & F.W. DEPT., GOVT. OF ODISHA)

Tel / Fax No. : 0671 -2970975

**Bid Reference No. – SCBDCH DENTAL EQUIPMENTS 2021-22/1**

DATE OF COMMENCEMENT OF SALE OF THE BID DOCUMENT : 27.12.2021  
LAST DATE & TIME FOR SALE OF BID DOCUMENTS : **17.01.2022**  
LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS : 17.01.2022  
DATE OF OPENING OF BID DOCUMENT : 18.01.2022 at 11:00 AM

PLACE OF OPENING OF BID DOCUMENTS:

AND

ADDRESS FOR COMMUNICATION:

AND

RECEIPT OF BID DOCUMENTS

Principal

S.C.B. Dental College & Hospital

Cuttack.

Tel / Fax: 0671 – 2970975

E-mail: [scbdchp@gmail.com](mailto:scbdchp@gmail.com)

**OFFICE OF THE PRINCIPAL SCB DENTAL COLLEGE AND HOSPITAL, CUTTACK.**

**Email Id : [scbdchp@gmail.com](mailto:scbdchp@gmail.com) Ph – 0671-2970975**

**TENDER CALL NOTICE**

Sealed Tenders are invited by the undersigned for Supply of Dental Equipments at the S.C.B. Dental College & Hospital, Cuttack for a period of 1 year. The detailed Terms and Conditions in the form of “Tender Paper” will be available in the Office of the Principal, S.C.B. Dental College & Hospital, Cuttack from 11:00 AM to 4:00 PM on all working days within 21 days from the Date of Publication on the Newspaper or can be downloaded from the website [www.scbdental.nic.in](http://www.scbdental.nic.in) within the same period and same time schedule. The interested parties can purchase the “Tender Paper” from the Office of the Principal, SCB Dental College & Hospital, Cuttack by paying Rs. 550/- (Rupees Five Hundred Fifty) only which is non-refundable. Those who are Downloaded the Tender Paper from the Website can be submitted with a demand draft of Rs.550/- (Rupees Five Hundred Fifty) only, non-refundable, drawn in favour of Principal, SCB Dental College & Hospital, Cuttack payable at Cuttack. The last date of receipt of the tender paper will be till 1:00 PM of the 21<sup>st</sup> day from date of publication in the newspaper. The tender is invited under two BID system i.e. Technical BID and Financial BID. The interested agencies are advised to submit two separate sealed envelopes, superscribing “Technical BID” and “Financial BID”. Both the sealed envelopes should be kept in a third sealed envelope superscribing “Tender for Dental Equipments, SCB Dental College & Hospital, Cuttack”. The Tender will be opened on the next working day at 11:00 AM in the presence of the Bidders or their authorized representatives before the Institutional Procurement & Technical Committee. The financial bid of technically qualifying agencies shall be opened in the presence of the bidders after opening of technical bid. The particular date will be communicated to the eligible bidders after opening of Technical BID. Tender received after scheduled date and time shall not be entertained. The authority reserved the right to reject or cancel any/all tender papers without assigning any reason thereof. It is mandatory that the Tender Paper will reach the office of the undersigned through Registered Post / Speed Post only.

*Sd/-*  
**Principal,**  
**SCB Dental College & Hospital,**  
**Cuttack.**

## **TERMS AND CONDITIONS FOR SUPPLY OF DENTAL EQUIPMENTS**

- 1.1 Sealed Tenders should be received before scheduled date and time by the Principal, S.C.B. Dental College & Hospital, Cuttack, Odisha for the purchase of Dental Equipments for S.C.B. Dental College & Hospital, Cuttack. Any Tender received after the due date & time will be rejected / returned unopened to the sender. The Tenders will be received only through Registered Post / Speed Post. The Bidder should mention a valid phone number and E-mail ID over the envelop.
- 1.2 The Sealed Tenders submitted by the Bidders will be opened by the Institutional Procurement & Technical Committee at the Board Room, 2<sup>nd</sup> floor, New Annex Building, S.C.B. Dental College & Hospital, Cuttack on schedule date at 11:00 AM. The Bidders or their duly authorized representatives are allowed to present during the opening of the tenders, if they like so.

### **Eligibility Criteria and Documents to be submitted**

The Bidder shall furnish the following documents to establish the Bidder's eligibility.

- 2.1.1 Tender Paper cost as mentioned in the Tender.
- 2.1.2 Self-attested Photocopies of GST Registration Certificates
- 2.1.3 Self-attested copies of GST Return of 2020-21
- 2.1.4 Self-attested order copies of similar nature of work, if done by the firm.
- 2.1.5 Self-attested copy of last three-year Income Tax return (F.Y 2018-19, 2019-2020, 2020-21). *(The annual turnover of the firm should be at least 35 Lakhs/annum.)*
- 2.1.6 Submit valid drug license wherever applicable.
- 2.1.7 Submit Price Bid in the prescribed format. *(It should contain price of the Dental Equipments including of all taxes & transportation charges and the make/model name.)*
- 2.1.8 Technical Bid should be as per the Specification given and should be submitted in both hard copy and soft copy as per the given format.
- 2.1.9 Undertaking/Declaration that the firm is not blacklisted by any organization/institution.

### **Tender Terms and Conditions :**

- 3.1.1 The item should arrive at the Office of the Principal, S.C.B. Dental College & Hospital, Cuttack in good condition.
- 3.1.2 The selected items will have to be supplied within 2 weeks from issue of Purchase Order.
- 3.1.3 If required, the Bidder may have to submit sample of the items for approval.
- 3.1.4 If the supplied materials are found substandard after quality check, it will be returned back to the Bidder and cost of the item along with its transportation expenses will be deducted from the financial claim presented by the firm.
- 3.1.5 In case of re-ordering, the pricing of the items will remain valid for one year from the date of approval.
- 3.1.6 In the event of the date being declared as a holiday for purchaser's Office, the due date of submission of bids & opening of bids will be the following working date & time.
- 3.1.7 The authority reserves the right to accept / reject any part thereof or all the bids & without assigning any reason thereof.

3.1.8 The firms who would fail to supply the materials within the time limit as publish in the tender notice without a valid reason will be blacklisted.

**Issue of Purchase Order:**

The purchase order will be placed to the concerned firms after the approval of the institutional procurement & technical committee.

**Payment:**

100% payment will be made after receipt of the items and its entry in the institutional stock ledger.

**Note:**

1. Any further communication regarding the tender and related corrigendum notice will be displayed in the website of SCB Dental College & Hospital, Cuttack. i.e. [www.scbdental.nic.in](http://www.scbdental.nic.in)
2. Part of Tender can be accepted.
3. The list of Dental Equipments to be supplied is as per **Annexure – I**.
4. EMD term and condition:
  - a) After provisional selection of the firm, the bidder must submit an earnest money deposit of 2% of the BID amount in favour of “**Principal, S.C.B. Dental College & Hospital, Cuttack**” in shape of Bank Draft from a Scheduled Bank payable at “**Cuttack**”. The EMD of the successful bidders will be returned back after delivery and stock entry. It can be collected from the office of the Principal, S.C.B. Dental College & Hospital, Cuttack.
  - b) If the firm fails to supply in time or supplies not of standard quality items or violates the Tender Terms and Conditions, the EMD will be forfeited and the firm will be blacklisted.

*Sd/-*  
**Principal,**  
**SCB Dental College & Hospital,**  
**Cuttack.**

**Annexure - I**  
**Technical Bid**  
**Dental Equipments 2021-22**  
**SCB Dental College & Hospital, Cuttack**

Sl. No.	Name of the equipment	Specifications	Make/ Model
1	Automatic radiographic film processor	The instrument should be fully automated film processing ability. * Should have Day light loader facility. * Film detection should be microprocessor based. * It should detachable tanks for proper cleaning. The tank capacity may range from 1.4ltr. to 5 ltr. each (Developer tank and fixer tank). * It should have heater function so that the film are obtained in dry state. * Film processing time should be maximum of 10 mins. * It should accept intra oral x ray films size 2, size 0, occlusal films (57 x 76mm), 8" x 10" film. * Should be table top * Solutions needed for the tanks should also be provided with the machine.	
2	Acrylic gross cutting and finishing burs and stones for straight handpiece Acrylic gross cutting and finishing burs and stones for straight handpiece (Fissure, round and flame shaped sand paper mandrel and mandrel for polishing discs and wheels)	coarse green ring (MACRO) 15'-30000 UPM/RPM ISO 220 ISO-NR 500 104	
3	Automated slide stainer	Dimensions (W x D x H): 109cm x67cmx 51cm Weight: 65kg Specimen slide throughput: at least 200 specimen slides per hour Loading capacity: 11 slide racks Slide rack capacity: 30 specimen slides Total number of reagent stations: at least 18	
4	Austin retractor	Stainless steel 140mm	
5	Allis tissue forceps	Light weight, 2/3 teeth length 1562mm	
6	Apex Locator	Display: LED, Weight: only 160 g, Rotation speed: 150 – 280 rpm	
		Rechargeable battery: 3.6 V, metal-hydride, Charge time: Approx. 60 min.	
		Dimensions (mm): W 30 x D 37 x H 212, Charger Voltage: AC 230 V	
		Frequency: 50/60 Hz,	
		Weight: Approx. 500 g, Dimensions (mm): W 80 x D 123 x H 55	
7	Acrylizer	STAINLESS STEEL 304 GRADE, MECHANICAL TIMER, ON,OFF SWITCH, SS DRAIN PLUG,2 PILOT KNOBS,WORKS ON 220-230 VOLTS AC	
8	Airrotor HP	* Torque Head - Speed : 310000 - 410000 RPM - Head Size : ø12.5 x H12.6 mm - Borden 2 Hole - Stainless Steel Body - Ceramic Bearings - Single Spray - Wrench Type- C29 - Compatable with confident chair both UG and PG side . - Fibreoptic/Nonfibreoptic should be consider	

9	Articulator	<ul style="list-style-type: none"> <li>* Semiadjustable Calibration System with adjustable condylar inclination and ergonomic design</li> <li>* Central lock.</li> <li>* Curved condylar guide.</li> <li>* Should be facebow compatatble</li> <li>* Wide view concept articulator (5 nos)</li> <li>* Provision for FGP recording (2 nos)</li> </ul>	
10	Artificial Teeth	<ol style="list-style-type: none"> <li>1. Solvent resistant cross linked acrylic teeth,multi-layered teeth,anatomic,</li> <li>2. Porcelain teeth</li> </ol> <ul style="list-style-type: none"> <li>* TruPontic</li> <li>* Diatonic</li> </ul> <ol style="list-style-type: none"> <li>3. Silicon upper lower false teeth</li> </ol>	
11	Attachment Bars and Studs	<p>Ball for overdentures</p> <p>Stud. Devices (Stud.shaped projection soldered to diaphragen of dowel retained restoration (male)</p> <p>Bar attachment.</p>	
12	Apex Elevators	Couplans,apex,straight	
13	Autoclaves	<p>Front Loading</p> <ul style="list-style-type: none"> <li>* Large chamber volume</li> <li>* Safe and reliable</li> <li>* Safety over protection from temperature and external pressure gauge</li> <li>* Easy loading</li> <li>* Additionally, with stainless steel tray and pullin holder</li> </ul>	
14	Amalgamator	<ul style="list-style-type: none"> <li>* Resolves according to "8" module</li> <li>* Consistent mix</li> </ul>	
15	Automatic developer	Multifilm development in 2-8 min	
16	Amalgam finishing kits	<ul style="list-style-type: none"> <li>* Silicone abrasives impregnated with polishing abrasives</li> <li>* Autoclavable</li> <li>* Rubber cups for various uses</li> <li>* Colour coded</li> </ul> <p>Assorted set comprising of polishing cups and mini points, attachable to a contrangled micromotor for polishing of amalgam restorations.</p>	
17	ADSON Non-toothed Forceps	Autoclavable Stainless steel	
18	BP Blade (No.15 & no.12) with BP blade holder	STAINLESS STELL BP BLADE HANDLE NO 3 & NO.4	
19	Briston malar elevator	Sharp edge 240mm	
20	Blood and Fluid Warmer	<p>Physical Dimensions Height, Overall 24.1 cm (9.5 inches) Width, Overall 21.0 cm (8.3 inches) Depth, Overall 17.8 cm (7.0 inches) Weight, Dry 3.5 Kg (7.6 lbs) Weight, Wet (with recirculating solution) 5.0 Kg (11.0 lbs) Weight, Shipping 3.6 Kg (7.95 lbs) Recirculating Solution Capacity 1.4 L (0.37 gallons) Maximum Height on I.V. Pole 107 cm (42 inches) Environmental Temperature Humidity [%]</p> <p>Operation 10oC to 45oC 10 to 95 Transportation -18oC to 60oC 5 to 90 Storage -18oC to 60oC 5 to 90 Thermal Temperature.</p> <p>Temperature Set Point 40.0oC ± 0.1oC Over Temperature Set Point 41.2oC Electrical Type MAINS Power Input: 115V 115VAC, 50/60 HZ, 3.0 Amps MAINS Auxiliary Supply Power Output: 115V 115VAC, 50/60 HZ, 1.0 Amps Protection Against Electrical Shock Class 1 Equipment, Type BF Mode of Operation Continuous Type of Current Alternating Ingress Protection Rating IPX1 Performance</p> <p>Recirculating Solution Temperature Recirculating solution temperature reaches 37oC from ambient in about 4 minutes</p> <p>Normothermic Flow Rates At gravity flow rates to 5,000 ml per hour.onboard recirculating solution supply is heated to 39.5°C ± 0.5</p> <p>Electronic circuitry continuously monitors the recirculating solution temperature. The primary temperature control circuit limits the</p>	

21	Bone regenerative materials	<p>Bone graft- Bovine source</p> <p>Granules 0.25–1 mm 0.25 g ~ 0.5 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 0.5 g ~ 1.0 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 1.0 g ~ 2.0 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 2.0 g ~ 4.0 cm<sup>3</sup></p> <p>Injectable pen – Bovine source</p> <p>Granules 0.25–1 mm 0.25 g ~ 0.5 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 0.5 g ~ 1.0 cm<sup>3</sup></p> <p>Granules 1–2 mm 0.5 g ~ 1.5 cm<sup>3</sup></p> <p>Collagen – bovine source</p> <p>50 mg (2.5 × 5.0 × 7.5 mm)</p> <p>100 mg (5.0 × 5.0 × 7.0 mm)</p> <p>250 mg (7.0 × 7.0 × 7.0 mm)</p> <p>500 mg (10.0 × 10.0 × 7.0 mm)</p> <p>Resorbable Collagen Membrane</p> <p>25 × 25 mm</p> <p>30 × 40 mm</p> <p>13×25 mm, 20×30 mm</p> <p>Perio 16 × 22 mm</p> <p>Shape 14 × 24 mm</p>	
22	Bone fixation screw kit	<p>Bone Screw KIT</p> <p>Drill, driver tip, universal handle</p>	
23	Biopsy set	Instruments present in the kit should be mouth mirror with handle, BP blade handle no 3 and 4, surgical scissor, tissue forceps, tweezers, tongue retractor, artery forceps (small), mosquito forceps.	
24	Bone rongeur	Slight curved, 2mm x 5mm jaws, 150mm with hinge actions	
25	B.p.handle no-3,4	Fits Blade size 11,12,15 , Disposable Stainless steel.	
26	Burs-for contra-angle micro motor	Straight fissure, tapered fissure, ball shaped, flame shaped , wheel shaped for tooth cutting	
27	Boiling water steriliser	32 ltr capacity electric operated ISI mark stainless steel, rust free.	
28	BP Apparatus	Automatic mercury free	
29	Bleaching Unit	<p>* Strong cool blue light, smart and compact with adjustable light intensity and bleaching time.</p> <p>* Quiet cooling fan with wide LCD screen display.</p> <p>* Light intensity-3 different intensities.</p> <p>* High sensitive infrared remote control setting functions.</p>	
30	Ball Burnisher	high grade stainless steel of medical grade quality	
31	Blood Centrifuge machine for PRP, PRF preparation	<p>Bench top laboratory centrifuge for PRP/PRF preparation.</p> <p>With digital meter and speed countdown timer (0-60min), swing out head</p> <p>With dynamic brake for quick deceleration and imbalance detector in case of uneven load. Operating on 220-240V, 50Hz, single phase, with 4400 RPM speed and 2350g RCF.</p> <p>- Containing 8*15 mL glass or polypropylene test tubes</p>	

32	Blood Centrifuge machine for CGF, AFG preparation	Blood phase separator for concentrated growth factor (CGF) and autologous fibrin glue (AFG) preparation. Microprocessor controlled system with rotor system accommodating upto 8 surgical grade test tubes. With decontamination cycle with UVC light. Operating at 230V, 50-60 Hz and 1000-2200 RPM. Containing glass tubes, antiseptic swab, thruway tourniquet, SS tube trays, Dappen for fibrin separator, for particulates, for platelets, grid for fibrin separator, Scissors, anatomic pliers, plier for membrane, injection for fibrin, spatula for graft and membrane placement, surgical instrument tray	
33	Bone scraper and collector	Surgical bone scraper and collector for scraping and collecting autogenous bone into slurry or powder form. SS body with anticorrosive coating, autoclavable. In straight and curved tip design.	
34	Bone trephine kit	SS set of 6 tips of 2.0, 3.0, 4.0, 5.0, 6.0 and 7.0 mm diameter with thin cutting blade for minimal bone loss. Used for removing autogenous bone for grafting purpose, making bone perforations. Operating at optimal speed of 800-1000 RPM (max 6000 RPM). Autoclave compatible	
35	Bone mill/ Morseliser	SS plier type design with corrosion resistant coating. Contains 2 serrated disks for smashing graft into minute particles. Used for preparation of autogenous graft into smaller particles for regenerative grafting procedures. Autoclave compatible	
36	Bone cutting Saw	Forged from corrosion resistance, surgical stainless steel material, autoclavable type	
37	Cutting and finishing burs and stones for contraangle handpiece (fissure, round and flame shaped sand paper mandrel and mandrel for polishing discs and wheels)	(fissure, round and flame shaped sand paper mandrel and mandrel for polishing discs and wheels)	
38	Composite curing oven	* High temperature * Nitrogen pressurized unit * Should be compatible with most of the composite system. * Should have simple calibration and digital programmable controller	
39	Chair side micro abrasion	variable nozzle (Contraangled) operating pressure 40-100 Psi. Provision for attachment of water channel . Holder for alluminium oxide / Glass beads / Sodium biocarbonate (27-50 micron sized).	
40	Computer software for cephalometrics require upgradation	3D Module for Dolphin Imaging software upgradation 2. Dolphin 3D Surgery + 3D Study Models	
41	Cord Packer	Round ended Thin enough to pack the cord into sulcus effectively Working end smooth/serrated	
42	Cyanoacrylate Gel	(n Butyl 2 - Cyanoacrylate Sterile Bio Bio Adhesive Impact Resistant, Moisture Resistant ,Water resistant	
43	Curette	Round metal handles, small 3mm	
44	Cheek retractor	Should be made of flexible plastic. Plastic should be of clear type. Wings attached will be preferred.	
45	Clamps	For denture flasks curing	
46	Curved mosquito artery forceps	Straight, ½ teeth length 180 mm	
47	Chietels forceps	Metallic for steriliser . Should be made of stainless steel and size should be between 8 to 10 inches	
48	Castroviejo scissors	Anti rust, Scratch resistant, smooth finishing	



49	Crown remover	Manual crown remover to remove all ceramic and metal ceramic crowns, inlays and onlays with recent technology Split crown technique HUFREIDY	
50	Cotton holder	Stainless steel	
51	Coupland elevator	6" length	
52	chemo mechanical caries removal system	Papacarie 2ml syringe - overcomes the inconvenience of urg burs - 2-3 tremillites to dissolves.	
53	Composite polishing disc	4 different colour coded of diameter 12 x 18 mm, 1 x composite fine	
54	Composite finishing kit	Item Weight : 500 g Item Dimensions LxWxH : 7 x 3 x 3 Centimeters	
55	Composite Teflon coated instruments	Dental Premium Composite Non Stick Blue Titanium Coated Hollow Light Weight No Slip, No Rust, 9 MM. Burnisher Cone + Long Flat End. Double Ended Filling Instrument. composite instruments are titanium coated and non-stick.	
56	Celluloid crowns	Provisional crown	
57	Cutton Rolls	White cotton plastic bag pack type for hospital usage	
58	Ceramic applying brushes and tweezers and tray	Sable fibres & red wood handles -Better control & easy application -Brush no.OP0 NO. P3, NO. P5, NO. P7, NO. S0, NO. S1	
59	Ceramic plunger for all ceramic and accessories (casting ring for all ceramic)	Casting ring liner & plunger applicable to ivoclar EP 3000 CERAMIC FURNACE ( AS AT PRESENTLY THIS CERAMIUC FURNACE IS AVAILABLE IN THE DEPARTMENT )	
60	Ceramic base for pressable all ceramic furnace	Casting ring liner & plunger applicable to ivoclar EP 3000 CERAMIC FURNACE ( AS AT PRESENTLY THIS CERAMIUC FURNACE IS AVAILABLE IN THE DEPARTMENT )	
61	Ceramic ingots of different shades	Polychromatic IPS Emax Press Multi 10(BL2, A1, A2, A3, A3.5, B1, B2, C1, C2, D2)	
62	Cement mixing spatula	Cement Spatula #5 - Double Ended * Cement mixing GIC & temporary cement. * Flat smooth fore-end * Made of plastic material * Immaculate finish & optimum durability	
63	Chair side instrument cabinet	Stainles steel with 2 drawer locking system wheel	

64	Carbon monoxide breath analyser for TCC	Model - BMC-2000 Measuring gas-CO Measuring type- Breath through the mouth Measuring method- Electrochemical cell Measuring range- 0-100ppm, 0-500ppm Countdown- 15sec Hydrogen cross sensitivity- 5-10% / Full scale Resolution - 1 ppm Parameter control - Front 3 switch(calibration, maintenance, configuration setting) Operation mode display - Visual: graphic LCD Display, LED Indicator Audible: buzzer	
65	Ceramic unit	<ul style="list-style-type: none"> <li>• Dental ceramic unit with maximum temperature between 1000-1500degree Celsius.</li> <li>• Electronic design to simplify and ease up the technicians work in the working cycle.</li> <li>• Powerful microprocessor</li> <li>• Frontal encoder for input and research of both data and functions.</li> <li>• LCD Display backlit by a blue light .</li> </ul>	
66	Casting machine	<ul style="list-style-type: none"> <li>• Medium frequency electronic induction casting machine, suitable for melting dental alloys with the ability to measure the power output allow the user to work with each type of alloy under the best conditions.</li> <li>• Progressive heating the metal from inside outwards.</li> <li>• Continuous mixing of the alloy .</li> <li>• Maximum molecular compactness.</li> <li>• Logical and incommutable scanning of operating functions.</li> <li>• Control over rated power allows the user to work quickly on alloys .</li> <li>• Display showing the parameters of working cycle .</li> <li>• Visual inspection of the metal process through a protective screen.</li> <li>• Stainless steel centrifugation chamber for easy cleaning.</li> </ul>	
67	Ceramic finishing kits, Metal finishing Kit	<ul style="list-style-type: none"> <li>* Dura white adjustment stones.</li> <li>* Ceramiste standard and ultra polishing burs</li> <li>* Porcelain polishers of various sizes and grit.</li> <li>* Assorted stones of different grit sizes and heads for finishing and polishing of ceramics.</li> <li>* Assorted stones of different grit sizes and heads for finishing and polishing of metal crowns.</li> <li>* Dental ceramic zirconia for trmming acrylic resin plaster (Bullet shape zirconia ceramic bursh)</li> </ul>	
68	Chair side micro abrasion	<ul style="list-style-type: none"> <li>• Slurry containing silicon carbide microparticles.</li> <li>• Latch type bristle polishing cups.</li> <li>• Finishing cups for micropolishing the newly treated enamel surface.</li> </ul>	
69	Circular saw	Precision shifting techniuuie High speed shifting Electro magnetic model holder Illumination lamp for clear vision	
70	Colour ink tank printer	Should have multiple capacity (Scan, print xerox), should be capable of printing full colour prints.	
71	Digital pulp tester	Should be battery operated	double
72	Distraction osteoensis kit	Intraoral Mini Distractor - Vertical For Alveolar Sizes6, 9, 12, 15 mm	

73	Dry Laser Printer for OPG Machine	The printer supplied should be laser based for sharp images and should avoid use of chemicals and processing, printer should have in built quality control features like densitometer to ensure consistency in printing printer should have a resolution of 500 dpi/ppi. Printer should have the laser spot spacing of minimum 50 microns minimum 2 online drawers with flexibility of putting minimum 4 sizes in any trays. The printer should have the ability to print at least four of the most commonly used sizes of films viz, 8 x 10, 10 x 12, 11x 14 and 14 x 17 (all in inches) The printer should have the facility to be loaded with at least 70 films or more at a time , preferable with a self-sealing system to ensure quick changes of film size according to user needs.	
74	Direct Sinus Implant kit (Compactable with osstem implant kit)	<p>a) Dome and core drills – to create the lateral window for lifting the sinus membrane.  b) Wide dome drill and side wall drill  c) Exceptional cutting ability  d) Stopper system  e) Flexible –</p> <p><b>Sinus membrane elevating instruments</b>  Tools required for the maxillary sinus membrane elevation and grafting procedure as well as the sinus procedure tool for lateral approach.  A) Bone graft carrier: OBGC  B) Freer elevator: OFE  C) Membrane separator (circle type): OMSC  D) Sinus curette-long: OSCL  E) Sinus curette-short: OSCS</p>	
75	Dermatomes	<p>Wireless, battery operated and light weight design makes it portable and easy to use.  User friendly &amp; battery powered high torque DC motor design, allowing use without electricity.  Operates on powerful re-chargeable 3000 mAh Li-ion battery</p> <p>Capable of cutting a width of maximum 80 mm that can further be reduced to 70 mm, 60 mm, 50 mm, 40 mm, 30 mm, 20 mm &amp; 10 mm by using various graft plates.  Graft thickness varies from 0.10 mm to 1.2 mm and can be adjusted with an increase/decrease of 0.1mm by an adjusting lever with reading on a thickness scale.  On/Off switch on hand piece with automatic lock system to prevent accidental activation.  Battery and motor should not be sterilized which offers persistence to the device.  Device can be totally immersed in cleaning solution and steam, or it can be gas sterilized as well except electrical parts like Battery &amp; Motor Cartridge.  Includes sterilizing container.  Includes 500 blades as accessory.  Cost of blades to be quoted separately  Cost of Motor Cartridge to be quoted separately  Cost of Battery Cartridge to be quoted separately  Indian Manufacturers should be preferred.  Should be ISO/CE/US FDA</p>	
76	Dressing tray	Stainless Steel, 465 x 355 x 32 mm	
77	Denture Flasks	Metallic (size No.7) For acrylic denture curing	
78	Denture Flasks	Metallic (size No. 8) For acrylic denture curing Metalic MFP flasks (3Tiers) Small metallic flasks for ocular prosthesis	

79	Denture base shade guide	To match the shade of denture with gingival	
80	Denture teeth selection guide	(Length & width selection purpose 1. from transzygomatic width 2. proportioning occlusal gingival length to mesio-distal width	
81	DFS – METAL finishing burs	* For finishing metallic appliances – straight, round, flame, conical shapes * Diamond cutting spru for straight handpiece * Cutting tools for titanium trimming	
82	Dental Compressor	Single head, 20ltr capacity desiccant 120 kg 12 v, single phase.	
83	Dental chair with compressor	With Shadow less lamp, Spittoon, Three way syringe, Instrument tray and suction, Micromotor, Airtor, X-ray viewer with LED light. 1. Electrically operated microprocessor based multi-programmable Dental Chair 2. The chair should have Erasable programs with microprocessor controlled where Doctor can set his own programs. The program switch should be fitted to the instrument tray program 0 and gargling 1 & 2 erasable program 3. The right side Arm of the chair has lateral rotation for easy access of the patient 4. Body converging movement back rest and body should moves together, so that it will not strain the back of the patient. When it is completely flat, surgeon chair mount unit fitted with: a. Operating LED light with latest sensor controlled to avoid any stagnant infection. Two intensity illumination 15000 to 20000 Lux b. Auto water connection for spittoon and tumbler. Total basin cover should be single piece high quality porceilin with perfect smooth spittoon. c. Stainless steel instrument tray for keeping instruments d. LED X-ray viewer e. High and low vacuum motorized noise-free suction is consists of with flow control valve, with Autostart. The fluid collection container has auto-drain system and also auto-flux system, Amalgam collection filter, Modular (delivery system over patient) fitted with. A. Airtor hand pieces (Autoclavable) (i) Non - Fiber optic , push type valve Airoter High Torque Handpiece, one number with two extra cartridges	
84	Dentate rubber mould	*Highly flexible silicon rubber variety * Edentulous die pairs for education class - I, II, III	
85	Dental Elevator	Straight Cryers	
86	Dental Surveyors	Heavy Base(Senior) with B.B	
87	Duplicator	FOR AGAR Power Supply:220V/110V 50/60Hz Rotational Speed:40rpm Max. Amount:8kg Dimensions::61cm x 44cm x 36cm (H W D)Weight::397g Application Melting and mixing duplicating Denture duplicator flasks	
88	Distillation Plant	· Zinc coated steel round shaped shell · Stainless steel lower cover · safety certifications that are recognizable internationally · Materials that adhere strictly to the RoHS standard · Products must be environment friendly, and should not require filter replacements · It must be safe, and should have an auto power off system · Easy to maintain and easy to clean	
89	Die Spacers	DIEMASTER	
90	Drape Sheet	Used on patient while performing dental procedure.	

91	Digital Sphygmomanometer	<p>LCD Mercury Free Sphygmomanometer is a new generation mercury-free blood-pressure meter which is still made with Krotkoff Sound. It display with LED bar graph, completely solves the pollution and the harm of mercury in. LED bar graph sphygmomanometer is an accurate measuring instrument for hospital, clinic and even house using. It is no pollution, easy for use, durable.</p> <p>There is a button beside the LCD screen, if you put the button down, it will be Oscillometric measuring method. It's like digital B.P. meter, it's used by puff the bulb manually. When the LCD column reach to about 160-180mmHg, stop to puff, about 10seconds, the value will display on the screen. It's easier than Stethoscopy method.</p>	
92	Dapen Dish	<p>Dense glass vessel for mixing dental medicaments or fillings. Thick &amp; heavy base Ideal for mixing acrylics, resins, sealants &amp; other materials</p>	
93	DSLR Camera with micro lens	<ul style="list-style-type: none"> <li>• Nikon D5600 DSLR Camera with AF-P 18-55 mm</li> <li>• ISO range of 100-25600</li> <li>• 39-point autofocus (AF) system</li> <li>• DX-format CMOS image sensor EXPEED 4 image-processing engine</li> <li>• Connect wirelessly to smart device Wi-Fi, Bluetooth or NFC</li> <li>• 7.62 cm (3 inch) Touchscreen LCD display swivels up to 180 degree.</li> </ul> <p>Micro lens -</p> <ul style="list-style-type: none"> <li>• Nikon 105mm AF-S VR 105 f/2.8G IF-ED Micro Prime Lens</li> <li>• Focal length of 116mm and maximum aperture of 2.8mm</li> </ul>	
94	Digital SLR Camera with ring flash including photographic unit	<p>Should have macro lens Should have minimum 16 GB memory card Ring flash must be able to fit on the lens of the camera</p>	
95	Electrocautery unit	<ul style="list-style-type: none"> <li>* • 7 autoclavable electrodes set</li> <li>• Operation mode of cut, coagulation, cut-coagulation.</li> <li>• Cut through soft tissue - access a surgical site.</li> <li>• Seal off bleeding blood vessels -blood free Surgery</li> <li>• Operation frequency is at 1.5 to 1.7 MHZ – leads precise working during operation</li> <li>• 10 different power settings</li> <li>• Output power upto 70 Watt</li> </ul>	
96	Electric Wax carver	<p>Technical :</p> <p>Voltage : AC100~240V 50/60HZ Power : 20W Safe electric current : 2 A Weight: 1.1kg Temperature : 50-200°C Measure : 119*159*73mm</p> <p>Packing list: Main unit 1pc Tip 6pcs Pen 2pcs Pen base 2pcs</p>	
97	Electronic dental anesthesia	<p>Power supply: 110V/50HZ OR 220V/60HZ</p> <ul style="list-style-type: none"> <li>• 2) Fuse; 1.5A</li> <li>• 3) Power: 14w+/-10%</li> <li>• 4)Working envirmint:temperature:5-40°C;Relative humidity≤70</li> <li>• 5) Capacity: 0.3ml-1.8ml</li> </ul>	

98	Electric cautery	<ul style="list-style-type: none"> <li>* Controlled power</li> <li>* Reliable and reproducible setting</li> <li>* Safer with maximal efficiency</li> <li>* Less energy loss</li> <li>* User friendly for fast setting up</li> <li>* Only 2 potentiometers</li> <li>* Settings can be very finely adjusted and according to the different types of tissue encountered</li> </ul> <p>30 watts</p> <ul style="list-style-type: none"> <li>* Decreased wattage for greater efficiency</li> <li>* Easily disinfected</li> <li>* 10 electrodes classified according to their size and haemostatic capacity</li> <li>* Incision, Excision, Fulguration and coagulation</li> </ul>	
99	Equipment for injectable theroplasticized gutta percha	Battery operated injectable gutta percha back filling system, provision for refilling of gutta percha pellets/ capsules, operating temperature range 150-220C. Preferably Cordless	
100	Endomotor with reciprocating handpiece	Cordless endomotor with rotary and reciprocating function. Adjustable torque range 0.6-5.6 ncm . Multiple program settings Triauto mini hand piece Display: LCD Weight: 78 g Motor: 50- 1000rpm Torque: 3:9 Ncm Battery (Rechargeable): 3.7 V Lithium -ion Diameter: 28mm / Height: 150mm	
101	Electropolisher	<ul style="list-style-type: none"> <li>• 150W Dental Electro Polisher</li> <li>• Vibration System is driven by a motor which moves a pole through an eccentric wheel.</li> <li>• The Workpiece on the Clip moves back &amp; forth along the Track.</li> <li>• Workpiece can make steady, smooth moves in the electrolyte &amp; which makes it thoroughly polished.</li> </ul>	
102	Excavators	Tooth cavity excavator, metallic	
103	Electric Geyser	25ltr 2500 wt 230v stenless steel tank temperture limit 70 degree celcius, 50 hz frequency.	
104	Edentulous brass die	Brass / Metal edentulous die for educational purpose for class 1 class 2 class 3 jaw relation records.	
105	Edentulous rubber mould	Highly flexible silicon rubber variety.	
106	Explorer	No 12 stainless steel explorer	
107	Explorer shepherd crook	Autoclavable CE certified Ergonomically designed	
108	Extraction forcep set	For adult stainless steel, international quality	
109	Extraction forcep set	Pediatic	

110	Endontic irrigation device	Endodontic ultrasonic irrigation device, Battery operated with assorted disposable tip sizes  21 mm MicroCannulas 25 mm MicroCannulas 31 mm MicroCannulas 50 mm MicroCannulas Semi-Disposables Evacuation Tubing (contains 2 tubes: Macro/Micro & MDT)	
111	Emergency Medicine Kit	Wound Cleansing Wipes - 0.4% BZK Sterile Gauze Pads 7.5 cm x 7.5 cm Adhesive Plastic Plasters 19 mm x 72 mm Adhesive Plastic Plasters 25 mm x 72 mm Adhesive Textile Plaster 6 cm x 7.5 cm Sterile First Aid Dressing - Medium 17 cm x 17 cm N/W Triangular Bandage	
112	ESR Stand	10 tubes	
113	Eye wear	310 x 164 x 105mm	
114	Endobox	Autoclavable 1 holder for 60 files/ reamers 2 sponge section for cleaning	
115	Extraoral gothic arch Tracer	metal	
116	Electric Kettle	For water bath for impression compound	
117	Electric Wax Carving Knife	· Size: Moderate	
		· NET WT: 1kg	
		· Voltage/Frequency: 100-240VAC50/60HZ	
		· Power consumption: 20W	
		· Electric current: 0.1A	
		· net Weight: 0.1A	
		· Material: steel/pp	
118	Equipments for Casting procedures	<ul style="list-style-type: none"> <li>• Lathe</li> <li>• Spindle</li> <li>• Die cutting machine</li> <li>• Pindex machine</li> <li>• Sand blasters</li> <li>• Vacuum investment equipments.</li> <li>• Metal grinders.</li> </ul> <p>with vacuum pump, capable of casting Titanium, Chrome Cobalt and precision Metal, Height : 440mm, Height with cover open : 965mm, Width : 785mm, Depth : 625mm, Depth with cover open : 650mm, Rated voltage : 230V, 50/60Hz, Special voltages : 200-240V, 50/60Hz, Current consumption : approx.16A, Induction melting power : 3.6kVA, 65 kHz, Water supply + discharge : approx.2 l/min, 3/4", Digital Display, Voltage: 220V/50Hz +_10% , Power: 2500W, Centrifugal rotational speed: 550rpm, Maximum melting amount: 50g(Co-Cr Alloy), Melting duration: 30g≤ 65s(standard), Casting radius: 21cm, Casting method: Induction casting</p>	
119	Fickling dental mallet	All metal, Diameter 25mm Tapering head, length 191mm weight 190gram	
120	Farabeuf elevator	Light, 8mm, curved, length 160mm	

121	Fully adjustable articulators with all accessories	<ul style="list-style-type: none"> <li>• Fully adjustable.</li> <li>• Arcon construction simulates true anatomical structure.</li> <li>• Adjustments: protrusive angle 0-60 degrees; immediate side shift 0-4mm; progressive side shift 0-30 degrees rear wall 30 degrees backward; top wall 30 degrees up, 30 degrees down; intercondylar distance 90-150mm.</li> <li>• Medial and Superior wall inserts: removable for custom grinding; choice of curvatures.</li> <li>• Adjustable incisal table (T3), custom step incisal table (T2) and long centric incisal pin (P2) are standard.</li> <li>• Lingual visibility allows for easy viewing and access to models from the rear of the instrument.</li> <li>• Comes with: 10 disposable mounting plates, wrench pack, carrying case and instruction manual</li> <li>. Panto graphic tracing</li> </ul>	
122	Fully enclosed automatic tissue processor	<p>Dimensions 68 x 59 x 132 cm (27 x 24 x 52 in.)</p> <p>Weight (Instrument only) 160kg (352.74 lbs)</p> <p>Max capacity - metal basket 300 cassettes</p> <p>Max capacity - microwaveable plastic basket 252 cassettes number of paraffin baths 3, connected directly to the retort paraffin bath volume 4.3 L each average paraffin melting time approx. 10 hours paraffin temperature range 40-65 degree celcius number of reagent bottles 10 reagent bottle volume 4.3 L each</p>	
123	Fibrooptic light	Stand module with adjustable head band (360° swivel mount for precise light placement, with adjustable clip), complete with cable (7 ft) & halogen source (3450° Kelvin light, 3200 foot candles, adjustable intensity, handles 3 light cables), compatible with standard retractors, fiber-optic aspirator, fiber-optic mouth mirror, fiber-optic pikos Ramus retractor, double outlet, twin bulb model	
124	Fibre optic laryngoscope	<ul style="list-style-type: none"> <li>* Single piece, stainless steel blade ensures integrity and minimizes corrosion</li> <li>* Fiber optic halogen HPX handles available in both "c" and "AA" sizes</li> <li>* Bright, white halogen HPX tm illumination for clear, color</li> </ul>	
125	Florida probe (3rd Gen)	Florida probing System, FP32 software preloaded on HP/Dell laptop/PC, 3 Probing Handpieces, 15 gm optical Encoder, Footswitch, Computer Interface, Connecting cables, Titanium Tip probes	
126	File retrieval System	<p>19 grage</p> <p>21 grage</p> <p>24 grage</p>	
127	Fibre Endodontic Posts	<p>High-intensity Glass fiber post 4 Drills</p> <p>1.20mm (diameter), 18 mm Length</p> <p>1.40 mm (diameter) , 18mm Length</p> <p>1.60mm (diameter), 18mm Length</p> <p>1.80mm (diameter), 18mm Length</p>	
128	Fox Plane	9*3*1 inches autoclavable	



129	Automated hematology analyzer for CBC	<p><b>Technologies:-</b> Fluorescence flow cytometry: WBC DIFF DC Sheath flow method: RBC, HCT, PLT cyanide-free SLS method: HGB</p> <p><b>Diagnostic parameters:-</b> WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT%, LYMPH%, MONO%, EO%, BASO%, NEUT#, LYMPH#, MONO#, EO#, BASO#</p> <p>Research parameters:- IG%, IG#, Other%, Other#</p> <p>Throughput:- Up to 60 samples / hour</p> <p>Data storage:-Up to 10,000 samples (incl. graphics); up to 5,000 patients' information; 20 quality control files ode)</p> <p>Dimensions:- wxhxd [mm] / [kg]</p> <p>320 x 403 x 413 / approx. 24 (xs-1000i main unit)</p> <p>450 x 420 x 630 / approx. 38 (xs -1000i with optional sampler)</p>	
130	Flasks for RTV silicones	For maxillofacial polymers	
131	Flasks for Silicone Rebasing/relining	Plastic Metal with screws For complete dentures	
132	Flasks for Silicone Duplicating	POLYCARBONATE OR ALUMINIUM	
		Inside dimensions: 85 x 65 x 40 mm.	
		Material: Plastic	
		Weight: 52 g	
133	Face bow with semi adjustable articulator	<p>Hanau wide-Vue arcon articulator lower member, which simulates the multiple functions of the Glenoid Fossa in centric, protrusive, right and left lateral positions</p> <ul style="list-style-type: none"> <li>• Enclosed track design prevents vertical displacement of the condyle element when waxing or making excursive movements with the instrument</li> <li>• Progressive Side Shift: 0-30°</li> <li>• Protrusive Angle: 0-75°</li> </ul> <p>Comes complete with adjustable incisal guide, standard incisal pin, extension pin, orbitale indicator, 10 disposable mounting plates, instruction manual and carrying case</p> <p>Stratos 200, 300 for bio functional prosthetic system with 3D transfer</p>	
134	Formalin Absorbing Pad	(8" x 11") & (11"x 15") Formalin Absorbing Neutralizing Pad with Laminate Coating.	
135	Formalin chamber	<p>12 inch chamber made of surgical grade polymer (5mm thick) with 2-3 sliding trays.</p> <p>7.5 inch high, 12 inch deep, 7.5 inch broad, weighing 2-3 kgs with 1.00 capacity count.</p> <p>Used for sterilization application of equipments and instruments.</p>	
136	Galipot	Stainless steel, cup shaped, 28 ml capacity, 51 internal diameter.	
137	Glass slab and Mixing Spatula	Cement mixing glass slab and spatula	
138	Gnathofilms	art paper, black, 16mic SOFT	
139	Gingival Retraction Cords	PLAIN BRAIDED GINGIVAL RETRACTION CORDS0,00,000	
140	GP Cutter	dental supplies 2.5W cordless dental cutter for GP with 4 tips	
141	Howarth periosteal elevator	Metallic hand instrument For minor oral surgery –Length 220mm	

142	Hard tissue microtome	Internal-hole saw (280 um thin) is diamond coated and rotates horizontally at a speed of approximately 600 r.p.m.. An annular triple frame ensures outstanding stability. The specimen is drawn towards the saw by a spring which can be adjusted according to the different degree of specimen hardness. A built-in water cooling prevents overheating of the sample and carries the saw dust away.	
143	Hot water sterilizer	Automatic cut off system <ul style="list-style-type: none"> <li>• Thermostatic arrangement with pilot light</li> <li>• Fitted with electric filament coil</li> </ul> Chamber Volume	
144	Hayton williams wire twisting forceps	Length 110mm	
145	High precision mini digital weighing machine	100 gm capacity with 0.01 gm accuracy	
146	Haemoglobinometer	Sahli's haemoglobinometer	
147	Heat gun for drying of X ray film	Minimum of 1500 watt Maximum temperature of upto 400 - 500 degrees should have fan for blowing of hot air.	
148	Hanau	H2 WIDE VEAU	
149	High pressure suction	Features Portable High vacuum Operation mode : Automatic Power Supply: Electrical Voltage: 90VA	
150	Hand piece lubricant machine	Custom pick 3 desired port adaptors	
		Filtered air to rotate handpiece	
		Disposable mist filtration system	
		Solution level indicator	
		Detachable door for easy cleaning of unit	
		Air Pressure Gauge	
		Oil flow control valve	
151	Indirect sinus implant kit (Compactable with psstem implant kit)	Safely and rapidly lifts the sinus membrane while drilling. <ul style="list-style-type: none"> <li>• Unique stopper system</li> <li>• Hydraulic Lift System that easily and safely lifts the membrane.</li> <li>• Bone Carrier System for transferring and filling bone graft materials.</li> </ul> Consists of: Twist Drill Guide Drill CAS-Drill - Comes in six diameters: 2.8/3.1/3.3/3.6/3.8/4.1 Stopper System: A total of eleven (11) stoppers; labelled 2 to 12mm Bone Carrier Depth Gauge Bone Carrier Head Hydraulic Lifter Bone Condenser Hydraulic Membrane Lifter Tube	
152	Intra – oral periapical films hanger	Hanger should be made of stainless steel. Each hanger should have a minimum of 10 clips, with 5 clips on either side.	

153	Intra-oral photographic mirrors	Each set should have mirror for viewing occlusal surface as well as lateral surface. It should be made of glass having double side coating having a minimum thickness of 2mm. Mirror for viewing of lateral surface should also be made of glass having suitable coating	
154	Intra oral X ray Machine	<p>Movable: Mounted on stand &amp; wheels.</p> <p>High voltage selections : 60KV &amp; 70KV</p> <p>Anode current selections: 4mA &amp; 8 mA.</p> <p>Expose time settings: 0.02sec to 3.2sec.</p> <p>Classification: Electromedical equipment, Class 1 type B.X-ray tube head: double anode tungsten tube head. Microprocessor based digital timer with hand operated switch for exposure.</p> <p>Exposure times can be set by soft touch buttons on the panel board. Radiations leakage &lt;0.25 mGy/hour maximum at a distance of 1m from focal spot (IEC 601 – 2 – 7 standards).</p> <p>Atomic Energy Regulatory Board (AERB, Govt. of India) approved</p> <p>Total filtration equivalent to 2mm AL at 70KV.</p> <p>Input power supply: 230V, 50Hz.</p> <p>Maximum power consumption: 1400W.</p> <p>Error message will appear on the digital display at the time of low power supply.</p> <p>Should be manufactured in compliance with currently applicable regulations and standards (EC Directive 93/42/EEC). RVG compatible with X-Ray machine, computer.</p> <p>The Supplier/Manufacturer Should be responsible for doing the QA of the Machines and registration of the machines in the e-LORA</p>	
155	Intraoral Camera with monitor	<ul style="list-style-type: none"> <li>• to show the clear picture inside the oral cavity of the patient for the diagnosis and treatment planning.</li> <li>• High-definition lenses with cold light led.</li> <li>• supports a built-out USB device, multi-view display, QR code transmission, Wifi transmission.</li> <li>• Anti - shaking Image Sensor.</li> <li>• Highly Integrated Design with Handle.</li> <li>• High-Definition Video and Photography Function.</li> <li>• High Definition large screen.</li> <li>• Good Picture storage.</li> <li>• Easy Operation.</li> <li>• Reduce inspection time.</li> <li>• Bright colors.</li> <li>• High resolution.</li> <li>• Easy to observe.</li> <li>• Applying the technology of high-definition lenses and cold light LED.</li> <li>• It carries the embedded operating system.</li> <li>• It supports a built-out USB device, multi-view display, QR code transmission.</li> <li>• With an integrated design, and easy to assemble.</li> </ul>	
156	Intra Oral Camera	<p>Should have LED lighting</p> <p>Should have a minimum resolution of 2 megapixel. Should have USB Cable connectivity. Should be compatible with monitor with or without CPU. ☒</p>	
157	Instrument for measuring implant stability by RFA method (ISQ)	<p>Power, weight &amp; size:</p> <p>Power source: Lithium-ion battery 3.7 V, 0.8 Ah</p> <p>Charging with supplied USB cable to a type A outlet</p> <p>Instrument size: 210mm x 35mm x 25mm</p> <p>Package size: 273mm x 138mm x 75mm</p> <p>Instrument weight: 0.07kg</p> <p>Gross weight: 0,75kg</p>	
	smart peg	compatible to TSIII SA from Osstem (As this IMPLANT SYSTEM is presently available in the department)	

158	Instrument for holding casting ring	CASTING CRUCIBLE TONG stainless steel crucible tong size 12", 15" 18" 24" crucible tong made of heavy and proper shape to hold properly	
159	Implantology kit	minimum 2 systems	
160	induction casting machine with vacuum pump, capable of casting	with vacuum pump, capable of casting Titanium, Chrome Cobalt and precision Metal, Height : 440mm, Height with cover open : 965mm, Width : 785mm, Depth : 625mm, Depth with cover open : 650mm, Rated voltage : 230V, 50/60Hz, Special voltages : 200-240V,50/60Hz, Current consumption : approx.16A, Induction melting power : 3.6kVA,65 kHz, Water supply + discharge : approx.2 l/min, 3/4", Digital Display, Voltage: 220V/50Hz +_10% , Power: 2500W, Centrifugal rotational speed: 550rpm, Maximum melting amount: 50g(Co-Cr Alloy), Melting duration: 30g≤ 65s(standard), Casting radius: 21cm, Casting method: Induction casting Cooling method: Air cooled, Motor power: 370W	
161	Irrigatuion Needle	Thin wall One lateral Vent Closed front end Rounded tip Free of burs	
162	Intraoral Gothic Arch Tracer	Metal	
163	Indeliable Pencils	For intraoral use	
164	Injection Moulding Unit	<ul style="list-style-type: none"> <li>Denture Injection Unit composed of a hot press (frame, cylinder, heater, bracket and flask etc.) and an automatic temperature control system (temperature control, timer and electric system).</li> <li>Have automatic temperature control, automatic heat preservation and reminder function.</li> </ul>	
165	Implant maintenance kit	Set of plastic instrument (PLASTEEL) with thinner tip design in new universal curette and sickle design. Ergonomic handles with flexible round tip. Containing – 1 set Williams tips, 1 set UNC-12 tips, 1 set PCV-204S scaler tips, 1 set 4R/4L curette tips, 1 set Langer ½ curette tips, 1 set of 5/6 Barnhart curette tips. Autoclave compatible.	
166	Injectable GP	<ul style="list-style-type: none"> <li>* Digital and graphic display incorporating down pack, backfill, cauterization and hot pulp testing with preset temperature and duration</li> <li>* Tip temperature resistance</li> <li>* Time out feature for overheating</li> <li>* Light weight and durable handpiece</li> <li>* Extralong prebent needles and gutta perchha in the form of pellets or cannules</li> </ul>	
167	Impression Trays (Perforated, Assorted size, 0,1,2,3,4, sectional trays) (Upper & Lower)	<p>Rim lock stainless steel trays. rigid, reusable trays recommended for putty wash technique &amp; alginate impression. Used for dentate mouth Set of 8 trays:</p> <ul style="list-style-type: none"> <li>Impression Tray Dentulous Perforated Upper - U1, U2, U3, U4</li> <li>Lower –L1, L2, L3, L4</li> </ul>	
		Upper	
		Lower	
		Sectional adjustable trays (Stainless steel, adjustable Impression trays)	

		Perforated edentulous trays - rigid, reusable, autoclavable trays	
		(Non-perforated) ☑ Aluminium trays for Complete Denture impression ☑ Assorted size, 0,1,2,3,4 Maxillary and mandibular impression trays	
168	Kocher artery forceps	Straight, ½ teeth, length 180 mm	
169	Kidney shaped tray	With half curled edges stainless steel, 150mm, 200, The length should be between 6 to 8 inches	
170	Kelsey fry bone chisel	Straight 150mm	
171	Kilner retractor	(Double ended, small blades 25mm and 20mm length 150mm	
172	Kilner scissors	Straight, Fine sharp points and rounded blades length 110mm	
173	Kilner skin hook	Complete in handle, length 140mm	
174	knife sharpner	Spencer knife sharpner	
175	Lagrange soft tissue scissors	15 cms long	
176	Lacron carvers	stainless steel high grade quality	
177	Lewin bone holding forceps	205mm	
178	Lead Gloves	1 pair of gloves should be made of powered form of lead.	
179	LED Projector	Full HD 1920 x 1080 with HDMI support	
180	Lecron Carvers	Stainless steel,double ended	
181	LED Handpiece for airotor Fibreoptic	TYPR PUSH BUTTON	
		STAINLESS STEEL,COPPER	
		RELATED PRESSURE 0.2MP	
		WATER SPRAY -TRIPLE SPRAY	
		CERAMIC BEARING	
		STANDARD CLEAN HEAD	
		OPEN TYPE CATRIDGE	
		BUR TYPE 1.59-1.60MN	
		2 HOLE AUTOCLAVABLE	
		Self generated LED airotor handpiece,	
182	Light cure unit	Light Cure Unit With Cord Digital LCD Display (LED based) With desired intensity greater than 1700 Aaw-cm2. Requised for rapid polymeritation when time is an issue should not produce residual heat.	

183	Laser for soft tissue	<ul style="list-style-type: none"> <li>• Diode lasers</li> <li>• Dimensions-4.4in x 5.7in x 6.5in</li> <li>• Weight-2.5 lbs</li> <li>• Power-10W</li> <li>Wavelength- 940 ± 10nm</li> <li>• Pulse Energy-20 KHz</li> </ul>	
184	Laser (hard tissue)	<ul style="list-style-type: none"> <li>• Er:YAG or Nd:YAG laser</li> <li>• Precise cutting tips'</li> <li>• Pulsed mode and regular mode</li> </ul>	
185	L-shaped Ruler	Wooden Scale	
186	LED xray view box	Should of LED type, should be able to accommodate at least 11 inchs x 14 inches radiographic film	
187	microtome (semi-automated fully)	<p>Solid base design, free of torsion</p> <ul style="list-style-type: none"> <li>• Vertical guide, free of backlash and equipped with high-end linear Cross-Roller-Bearings</li> <li>• Integrated switch panel with multifunctional graphic display</li> <li>• Feed and coarse feed movement performed by highly precise stepping motor</li> <li>• Automatic positioning return at the end of cycle</li> <li>• Automatic specimen retraction in return movement, switch off on demand</li> <li>• Memory key to store the section start position (3 positions)</li> <li>• Total travel indication of the horizontal movement</li> <li>• Electromechanical movement for coarse and fine feed movement</li> <li>• Setting wheel for value settings and display indication</li> <li>• Integrated and smooth running hand wheel, 360° lockable</li> <li>• Coaxial specimen orientation</li> <li>• Specimen clamp 360° turnable</li> <li>• Quick release system for all clamping types.</li> <li>• Precise cradle for knifeholder</li> <li>• Clearly arranged operating controls</li> <li>• All components and accessories are xylene resistant</li> </ul>	
188	microtome (manual)	<p>Micrometer mechanism and coarse feeding system in an enclosed, ergonomically designed housing, Distortion free basic design, Vertical specimen movement on backlash and maintenance free cross roller bearings, Removable, integrated operating panel with backlit graphic display for the indication of selected section thickness, trimming thickness, section counter ,sum of section thicknesses and remaining travel to the front end position actual time and date, Fine section thickness feed via precision stepping motor from 0,5 to 100 micrometer; Upto 2 micrometer in 0,5 micrometer increments, Upto 10 micrometer in 1 micrometer increments, Upto 20 micrometer in 2 micrometer increments, Upto 30 micrometer in 5 micrometer increments, Upto 40 micrometer in 10 micrometer increments, Upto 100 micrometer in 20 micronmeter increments, Trimming thickness feed via precision stepping motor upto 500 micrometer, Upto 10micrometer in 5 micrometer increments, Upto 100 micrometer in 10micrometer increments, Upto 200 micrometer in 20micrometer increments</p>	

189	Metal grinder, sand blaster, polishing lathe, vacuum investment equipment	<p>Dental high speed spindle / alloy grinder m-801 heavy duty motor hp-1, equipped with two ball bearing with high speed spindle rpm-24000 without suction.</p> <ul style="list-style-type: none"> <li>• Foot control and high intensity illumination.</li> <li>• Safety glass for glare elimination and visual protection.</li> <li>• Provision for connection dust collector suction.</li> <li>• Operating voltage 230VAC +/- 10% 50Hz.</li> <li>• Motor rotation at 20000rpm</li> </ul> <p>costs</p> <p>The swivel nozzle enables the unit to be used as an automatic or manual sandblaster for maximum application options in the laboratory</p> <p>Voltage :100 - 240V, 50/60Hz</p> <p>Class H filter, safety filter bag, suction hose with hand tube.</p> <p>Micro- sandblaster:-</p> <p>Provides the advantages of a microblaster and recycling sandblaster.</p> <p>Initial filling, Microblast media container, microblaster handpiece nozzle with LED lighting</p> <p>Filter module with Class H filter, Safety filter bag, Suction hose with hand tube.</p> <p>can be used in all kinds of cutting and polishing for various pint-sized metal, resin, or plastic work pieces and craftwork</p> <ol style="list-style-type: none"> <li>2. should be designed with integrated drilling bit and motor at the same time, and extending the useful time of the drilling pieces</li> <li>3. High rotation speed, fast cutting and grinding and low noise</li> </ol>	
190	Mouth Probe	Stainless steel bite blocks 3 size	
191	Magnifying glass	Should be of hand held type. Magnification factor should be a minimum of 3X. Glass having illumination with LED lights will be preferable.	
192	Mitchell trimmer	Double ended, length, 160mm	
193	McIndoe dissecting forceps	Fine serrated Jaws, longitudinally, grooved handle, length 150mm	
194	Mouth Mirrors- metallic	Metallic with detachable handle. Handle should be made of stainless steel and the mirror size should be convenient for intra-oral examination	
195	Mounting plates for Hanau articulator	<ul style="list-style-type: none"> <li>• Hanau Whipmix Mounting Plates</li> <li>• Black colour</li> <li>• 10 pieces / packet</li> </ul>	
196	Milling Machine	<ul style="list-style-type: none"> <li>• 3 axis simultaneous operation for non-stop precision milling</li> <li>• Sturdy and efficient ball screw driven system</li> <li>• New C-clamp for easy adjustment and alignment</li> <li>• Compatible with implant microsurgery</li> </ul>	
197	Microtorch	<p>Self – starting instant electronic ignition</p> <p>Precise &amp; adjustable high temperature flame</p> <p>Safe design eliminates heat transfer to fingers</p> <p>Self-contained fuel source, truly portable</p> <p>-Pin type canister with high pressure premium fuel.</p>	
198	Metal suction	Sterilizable & reusable, Metal Suction Tip (2.0mm)	
199	Mean value articulator	Sturdy big size mean value articulator with detachable cast holding disc with provision for changing insized guide table (if possible)	

200	Microwave	Intello-wave technology anti bacterial cavity 32 ltr capacity	
201	Model trimmer	* Heavy duty equipped with ball bearings * Coarse / fine diamond cutting wheel * Wet trimmer	
202	Microtome disposable blade holder	High Profile 818, Leica	
203	Microtome Disposable Blades	Ultra Fine 80mm X 14mm X 0.35mm	
204	Micromotor	Single chip controlled system	
		Light weight compact body	
		dust-proof mechanism	
205	Metal Endodontic Posts	Size 0 (Small, Medium , Large)	
		Size 1(Small, Medium , Large)	
		Size 2 (Small, Medium , Large)	
		Diameter length	
		Length	
		No.	
		Ø1.05 8mm	
		9.5mm	
		12mm	
		Ø1.20 8mm	
		9.5mm	
12mm			
206	Multichromatic Presable Ceramic blocks	Pressable ceramic crown and laminate	
207	Mani burs	TR 13SC	
		TR 21SC	
		TF31SC	
		TF12SC	
		FO32SC	
		BR 31SC	
		TR62C	
		TR13C	
		WR13C	
		BC31	
		BC32	
		BC42	
		EX26	



		EXSS13	
		D1SS41	
		EXSS33	
		TFS22	
		TFS21	
		TF21	
		PRO3F	
		EX21F	
		FO40EFFF041EF	
		PRO2EF	
		TRS14EF	
		CR12EF	
208	MTA Carrier	Use ProRoot MTA for: Apical plug during apexification Repair of root perforations during root canal therapy Treating internal root resorption Root-end filling material Pulp-capping material	
209	Mobile Dental Van	1. Mobile Van : Mobile Dental Van having 3940mm wheel base over all length 7295mm Clinical compartment length 160 over all width approx 2100 mm internal width 6ft 6 ubcg Internal height 6ft 3 inch cowl chassis 6 tyres with internal provision like Driver partition sliding window wash basin seats , water tank(50 liters) 4 fans, foot steps-cum ladder. 1. ELECTRICALLY OPERATED DENTAL CHAIR a) Electrically operated b) Basin to be fixed inside the Bus c) Wheel Mount Trolley Fitted with : Eloectrically operated multi programmable dental chair Unit fitted with sncsr operated dental light with two intensity Auto water connection for spitton and tumbler light & low vacum motorized suction with Auto Drain & Auto flush System. Two Airotor points and One libreoptic twin beam ultrapush quick change Hps, Mighty brushless Micromotor with 35,000 rpm high torquc built in safety device fransparent water boster, 3-way syringe- two nos. multi functional foot control stainless steel instrument tray & x-ray viewer and operators stool, Airotor super tonquehandpiece 9NSK0 1 nos. LX-Vi straight Handpiece (NSK0 1n NAC-ContrangleHps (NSK) 1n EMS scaler with 3 scaling tips one 3-way syringe Monoblos Oil free medical grade 0.75 HP wether with radiator cooling fan drier & filter. DENTAL X-RAY UNIT Dental X-ray Machine 70 Kv. 8ma with Digital Arch timer Scissor Arm (Gnd Type tube Head-Blue x Italy/) with day light manual develper, clip hanger with 10 clips loose clips 5 nos. 3. AUTO CLAVE Autoclave Automatic, High Speed instrument Akutoclave with Dry Cycle Fully Automatic Micro processor based control tube top, front loading Autovlave with highly accurate pressure control switch The complete sterilization chamber is mode of stainless steel tested for high pressure. Auto equalizer of pressure in the Chamber for easy opening the Unit is coated with Heat cure Epoxy paint. Supplied with the following Accessories	
210	Mouth Mirror with handle	Single sided mouth mirror head of size 4/ 5 mounted on stainless steel handle.	

211	Magnification loupes	<ul style="list-style-type: none"> <li>* Magnification between 2.5x- 3x</li> <li>* Variety of working distances</li> <li>* Wide field of view</li> <li>* Deep focus field</li> <li>* Flip up function for unobstructed vision</li> <li>* Light source- powerful LED with integrated temperature control and 3-step intensity control</li> <li>* Addition battery charger and adapter</li> <li>* Optics- Galilean design</li> </ul>	
212	Micro-implnts	<b>Titanium - selfdrilling (ISO standard) Hexagonal head;</b>	
		<b>tapered neck 1.4 x 8mm</b>	
		<b>1.6 x 8mm</b>	
		<b>1.6 x 10mm</b>	
213	NTI Polishing kit	ALL SHAPES	
214	Needle holders	12cm long, locking pattern, T.C/Diamond topped	
		Jaws should be serrated. Size of the needle holder should be 14cm	
		15cm long, locking pattern, T.C/Diamond topped	
		18cm long, locking pattern, T.C/Diamond topped	
215	Needle destroyer	Should be lightweight, portable and Should provide a removable discharge tray made for easy disposal of syringe hubs. Should have the provision to burn the needle & to cut the syringe tips. Should be able to destroy needles of type up to 18G. Should have a Power On/Off switch and an indication for power. Should be properly insulated for the protection from electrical hazard.	
216	Broadrick Occlusal Plane Analyzer	<ul style="list-style-type: none"> <li>• used for analyzing the Curves of Spee and Wilson to develop an acceptable curve of occlusion.</li> <li>• used in conjunction with Hanau™ and Denar® Ar- ticulars.</li> <li>• consists of <ul style="list-style-type: none"> <li>(1) Card Index 142-101,</li> <li>(1) Bow Compass 142-1001 with graphite leads, an extra center point and a needle point,</li> <li>(1) Scribing Knife 142-3201 and (12) Plastic Record Cards 142-3401.</li> </ul> </li> </ul>	
217	<b>Orthodontic Pliers</b>		
	Archwire Cutter	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	

Bird Beak Plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Weingart (Labial)	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Ligature Cutter (Labial)	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Distal end cutter	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Anterior Debonding plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Mathieu Needle holder	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Canine contouring plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	

Separator placing plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
Wire Tucker	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
Bracket holding plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
Curved Artery Forceps	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
Band Removing pliers	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
Band pusher	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	

	Band contouring plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Straight Howe Plier orthodontic plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Ribbon Arch Plier orthodontic plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
218	Ostetome	Curved, wide 6mm,length 180mm	
219	Osteotome	With 6mm,4mm,8mm length 125mm	
220	Obwegeser pterigoideus chisel	Hard edge Length 234 mm 10mm width	
221	Oxygen Cylinder	4.5 litre	
222	Occlusal Measurement Plane	Triangular shape	
223	Peeso reamers	Size(1-6) ISO sizes: 50-170	
224	Portable intra oral xray machine	Should be hand held, battery operated. The machine should have settings for mA and Kvp. And adjustment for exposure timings. Machine with indicator for angulation will be preferred.	
225	Photographic equipments 1. Tripod 2. Reflector 3. Ring Flash 4. White back ground screen (All compactable with the DSLR)	<ul style="list-style-type: none"> <li>• DSLR Camera Foldable Z Tripod Flex Pan Tilt Ball Head Portable Desktop Stand</li> <li>• Z-SHAPED TILT HEAD</li> </ul>	
226	Preclinical working table	Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool. Lab micro motor with attached hand piece. Gas connection	
227	Public adress system	High performance dual channel wireless microphone- Two Separate volume control for both channels Two handheld dynamic transmitters, each operating on 2 × 1.5V AA pencil cells Receiver operates on 12V DC through an AC adaptor. 1 Amplifier for 2 Microphone inputs with both AC & DC options	

228	papoose board (small, midium, large)	<p>Small:- Weight - 13.35 Lb 6-16 kg  Height - 20-40in 50-102cm  Regular:- Weight - 30-50Lb 13-23 kg  30-50in 89-127cm  Large:- Weight- 70-200 Lb 30-9 kg  50-70 in 127-191 cm  Dimension:- small 6.75 inch wide x 29.5 inch long  Regular:- 10.75 inch wide x 37.75 inch long  Large:- 11.75 inch wide x 8.25 inch long  Weight:- small 4 Lb  Regular 5Lb  Large 8 Lb  Extra Large 13Lb</p>	
229	Pressure sensitive probe	<p>For force sensitive (0.2N) and standardized periodontal probing.  Thin plastic body handle (5gm), with changeable tips.  With CPI probe markings (o.5mm ball tip and black band between 3.5 to 5.5 mm, black rings at 7.5 and 11.5 mm.  Autoclave compatible.</p>	
230	PKT carver set	For carving inlay wax pattern for crown and bridge	
231	Periodontal probe	<p>Should have the following markings  1mm, 2mm, 3mm, 5mm, 7mm,8mm,9mm and 10mm</p>	
232	Punch biopsy tool	Should be of sizes of 4 mm and 5 mm in diameter should be disposable in nature.	
233	a. Radiovisiography sensor b. Portable Xray Machine with Laptop	<p>Radiovisiograph (RVG):-  Compatible with any X-ray system that reduces the complexity in X-ray and Sensors combination. Image will be displayed on the screen within seconds gives more time for diagnosis. Complete image throughout the active area.  Fiber optic filter protects the CCD chip and gives clear images with small pixel size of 20 microns  The sensor is with no sharp edges, allow easy and safe patient positioning  Easy Horizontal and Vertical Positioning  sensor with minimum active area – 600 mm<sup>2</sup>  Outer dimension app. 35-40 mmX25-30mm.  Pixel size : 20 μm x 20 μm  Thickness of the sensor should be less than or equal to 5 mm  Spatial resolution approx. 20-25 line pairs/mm  Dimensions of CCD Sensor S1: 36 x 23 x 5 (W x H x D mm)  Active Sensor Surface: 20 x 30 (W x H mm)  Number of pixel: 1500 x 1000 = 1500000  Length of cable (m): 2.5  Stability: 400000 images  b. Portable X-ray Specifications:  mA range : 60 mA,  light weight,  kV range : 40 kV to 90 kV.  Should have digital display of mAs and kVs.</p>	
234	Portable Hand X ray Machine	<p>1-It should operate in DC current preferably.  2-Output KV-70Kv, DC.  3-Tube current-2.3mA, fixed.  4-Exposure time-0.01s to 1.0s.  5-Focal spot-0.4mm, IEC.  6-Cone length-200mm fixed.  7-Weight should be within 3 kg.</p>	

		8-Shuold be covered under warranty.	
235	Polishing lathe	Heave duty continous rating, dual working side, Vibration free low noise with drill chuck. Buffing cone grinding stone, ¼ hp motor with 2800 rpm, 230 v,	
236	PAP Pen	Used for 500 times	
237	Portable PA system	With microphone bluetooth/ Audio outputs 20 watts	
238	Porcellain Veneer Kit	Porcellain Veneers	
239	Plastic spatulas	For Alginate mixing	
240	PKT Instruments	NO1.2.3.4.5.	
241	Plaster dispensers	One each for plaster and stone	
242	Plastic filling instrument teflon coated	for dental use	
243	Pulp Tester	* Preset speed mode * Gentle pulsed stimulus * Specifically designed for patient comfort Autoclavable probe tips for various areas of the tooth * Digital display	
244	Research microscope with phase contrast, dark field, polarization	European CE certified / USFDA approved . Research Trinocular Microscope - infinity corrected optical system. . Research Microscope frame with long life LED illumination with co axial coarse & fine focusing mechanism. . Microscope should have an upper limit stoper for high magnification objectives to secure objective from hitting the slide. . Siedentopf type trinocular eyepiece tube with inclination angle 30 degree or better. . Pair of wide field eyepieces 10x with minimum 22 mm field of view. . Sextuple revolving nosepiece with double slide holder. . Universal condenser for BF/Phase contrast/ dark field (up to 40x), with built -in aperture iris diaphragm. . Dust cover, power cable and immersion oil minimum 30cc . Plan achromat objective 4x, 10x phase & 20x. plan fluorite/semi apochromat 40x, 100x oil - both with phase contrast. . A set of polarizer & analyzer. . Eyepiece micrometer & stage micrometer. . Fully compatible for Bright field, phase contrast as well as immunofluorescence imaging and analysis with features for overlay multiple images, document groups for side by side image comparison. Touch count/ object count facility to count objects, make several classes and name them and esport to excel files or workbooks. FI. Channel Merging and extraction, Tlme-lapse imaging at specified interval, manual multiple image alignment based on live image, manual z axis imaging, geometry / combine/filter processing, multiple image stitching , phase analysis, region and line measurements, documentation and collaboration. User experience customization, movie playback, tile view,snap/movie acquisition, manual EFI imaging, views of 3D images, interactive measurements. • All quoted specifications should be supported by technical literature/brochures. The quoted microscope should be on-site upgradable	
245	RESILIENT RINGS FOR OVERDENTURE ATTACHMENT	Rings of different thickness for ball attachment	
246	Reverse langenbecks	With 14cm, depth 45cm, tip curved outward	
247	Rubber Dam	Thickness 0.2mm (Color : Green) Non flavor Size: 6 inch	

248	Ridge split kit (Compactable with osstem implant kit)	Ridge splitting without Malletting · Capable of securing strong initial stability at Ridge Split operations, that allows immediate loading · · Safe expansion without breaking the Buccal plate · Possible to place Ø4.0, Ø4.5 fixtures even in narrow ridges Contains – a) Crest removers b) Initial drills c) Ridge split discs d) Expansion drills	
249	RVG Protective sleeves	16.6 x 4.4 x 4.2 cm; 100 Grams	
250	Rubber bowl	flexible rubber bowl small	
251	Radiovisiography (RVG)	Radiovisiograph (RVG):- Compatible with any X-ray system that reduces the complexity in X-ray and Sensors combination. Image will be displayed on the screen within seconds gives more time for diagnosis. Complete image throughout the active area. Fiber optic filter protects the CCD chip and gives clear images with small pixel size of 20 microns The sensor is with no sharp edges, allow easy and safe patient positioning Easy Horizontal and Vertical Positioning Dimensions of CCD Sensor S1: 36 x 23 x 5 (W x H x D mm) Active Sensor Surface: 20 x 30 (W x H mm) Pixel size (µm): 20 x 20 Number of pixel: 1500 x 1000 = 1500000 Theoretical resolution (LP/mm): 20 Length of cable (m): 2.5 Stability: 400000 images Computer system with Laser Printer - Core i5 processor 2.4 GHZ - RAM – 4 GB	
252	Radiation Dosimeter	Thermoluminescent dosimeter	
253	Restorative instrument kit		
254	R.C.T Instrument kits		
255	Scalers	ULTRASONIC with ti alloy handpiece water control switch Automatic frequency tracking Single chip controlled system	
256	Stainless steel kidney trays	Stain less steel	
257	Stainless steel scissors (curved and straight)	Stainless steel	
258	Straight and cruved spatula	Stainless steel	
259	Spot welder	Operates on 220V All switches on frontal panel for easy operation Main cable very flexible and ISI marked Welding strength, welding pressure and electrode shape satisfying clinical norms.	



260	Sialographic Cannula	Should be autoclavable and reusable Should have a safe ended tip with side vent hole for exit of the dye.	
261	Speaker and microphone for presentation	Loudspeaker With Microphone And Digital Display SD Card USB & AUX Cable Support	
262	Stereomicroscope	<ul style="list-style-type: none"> <li>• Advanced Model</li> <li>• Ultra-Wide Zoom Ratio (16.4:1) and High-Resolution</li> <li>• Advanced Fluorescence Observation</li> <li>• Have Binocular head (two separate eyepieces)</li> <li>• Two separate objectives.</li> <li>• Three-dimensional view.</li> <li>• Uses natural light from specimen (natural light reflected from it)</li> </ul>	
263	spencer knife	Spencer knife	
264	Set of hand instruments	<p>Mouth mirror front surface with detachable handle.</p> <ol style="list-style-type: none"> <li>2. Explorer (straight and cowhorn type)</li> <li>3. Tweezer</li> <li>4. Spoon excavator</li> <li>5. Cement spatula</li> <li>6. Agate Spatula</li> <li>7. Set of teflon coated composite filling instrument.</li> <li>8. Plastic filling instrument</li> </ol>	
265	Suction machine	<p>High vacuum Suction Housing: Spot welded, Oven backed cabinet Capacity:-700 mm Hg <math>\pm</math> 10 regulable, flutter free vacuum control knob, 45 Ltrs. / min Pump Type; Double rotary vane pimp. Jars: Wide mounted 2 x 2 Ltrs. (polycarbonate) with self sealing bungs and mechanical over flow safety device. Tubing: 10 mm ID x 2 mtr (PVC) Vacuum Gauge: Bourden type 10cm. Dia. 0-760mm Hg calibration. Power: 230V, 50 Hz, 4 <math>\pm</math> 0.5 Amps, 430 watts. (110V on request) Noise Level: 50 dB A <math>\pm</math> 3 Almost whispers</p>	
266	Suction canula	3mm, 4mm, 5cm, 40cm.	
267	Spreader	230cm long, width of working tip 13cm	
268	Sterilizing tray	Perforated, Anodised aluminium, 300 x 558 x 63 mm	
269	Scoop	Double ended, 7 x 4mm and 5 x 3mm length 178mm	
270	Stainless steel Long blade spatula	For mixing zincoxide euginol mixing	
271	SHOFU tooth preparation burs	For crown preparation	
272	Scissors -curved, straight	For endosseous implant surgery- 15 cm long	
273	Stainless steel Impression Trays – Dentulous:	Metallic perforated maxillary and mandibular Dentulous trays (no Rimlock border) of following sizes :-	

		Size – 0, Size – 1, Size – 2, Size – 3 & Size – 4	
274	Stainless steel Impression Trays – Edentulous	Metallic non-perforated maxillary and mandibular Edentulous trays (no Rimlock border) of following sizes :-  Size – 0, Size – 1, Size – 2, Size – 3 & Size – 4	
275	Sectional Impression Tray	Perforated metallic trays for impression of small dental arches and paediatric cases	
276	Suction tip	Metallic suction tip no 2,3 and 4	
277	Steel Bin	Stainless Steel Body	
278	Straight handpiece micro moter	(Marthon Model)	
279	Stethoscope (Child)	Double sided chestpiece ,smaller 3.3 cm diaphragm ,high acoustic sensitivity with both a floating diaphragm and an open bell, soft sealing ear tips	
	Stethoscope (Adult)	Single piece diaphragm dual head and high acoustic sensitivity	
280	Slide cabinet	Storing capacity of 10,000 slides Made up of ply board sheet laminated with sun mica with anodised Aluminium slide tray holding 75x25 mm slides  Storing capacity of 10,000 slides	
281	Surgical tray with cover	10 x 12 square cm	
282	Surveying Tools	Analysing rod,carbon marker,undercut guazes	
283	Spring balance	0.01 0.02 0.03 0.04 0.05	
284	Shade guide	* All natural tooth shades to be accurate and systematic. * Shades of bleached teeth to be available. * Set according to colour spatial sorting theory. * Determination of tooth in 3 steps.	
285	Strip Crowns	Provisional crowns	
286	Surgical Flap Retractors	AUSTIN AND MINNESOTA	
287	Surgical Trays	6,8,10,12 INCHES 8x6 " 9x6" 10x8" 12x8" 12x10	
288	Sinus lift kit	2.8mm	
289		3.5 mm 4.2mm	

290	Sample collection pot	Wide mouthed Plastic bottles with plastic cap, dimension- 4 cm length & 3.5 cm diameter	
291	Stainless steel bowel and bowel stand	Single bowl stand. Size of the bowl may range from 30cm to 50cm. The stand to be mounted on wheel.	
292	Surgical scissor	Should be stainless steel, Ring scissors, should be of Littauer scissor type, Length may range from 10cm to 15 cm.	
293	Surgical endo kits	<ul style="list-style-type: none"> <li>• Micromirrors( 2mm, 3mm and 4mm width)</li> <li>• Microexplorer with 2mm tip bent at 90 degree on one end and 130 degree on other</li> <li>• 15c blade</li> <li>• Blade handle - stainless steel</li> <li>• Periosteal elevator</li> <li>• Microblades</li> <li>• KimTrac retractors with variable widths</li> <li>• Austins retractor</li> <li>• Surgical straight handpiece</li> <li>• Lindemann bur.</li> <li>• Mini endodontic curettes .</li> <li>• Ultrasonic tips - piezoelectric tips - KIM SURGICAL TIPS NO 1-5.(Kis Tips)</li> <li>• JET-TIPS 2mm, 3mm, 4mm and 5mm.</li> <li>• Stropko irrigator</li> <li>• Micropluggers (2mm and 4mm diameter)</li> <li>• Laschal Microscissors.</li> <li>• Castroviejo needle holder</li> <li>• Bone file</li> <li>• Bone ronguer</li> <li>• Microburnishers.</li> <li>• MTA carrier.</li> </ul>	
294	TENS Machine	Channel – Dual Intensity - 0 ~ 80mA Wave form - Asymmetrical. Should be able to work on external power source or on batteries on or both. Pulse Rate should be a minimum of 1Hz and maximum of 20 Should have timer function.	
295	Tonsillar artery forcep	Long handle	
296	Three point articulator	Plain line with average condylar guidance and incisal guidance.	
297	Tweezers	Metallic instrument to hold the dental material	
298	Tissue cutting scissors	Dissecting Scissors 5 ½ " straight and curved	
299	Trolley	For minor surgical procedure	
300	Thermoplastic Sheets For Splints (Flexible)	1mm 1.5mm 2mm 3mm 4mm Or 0.035 " 0.060" 0.080"	
301	T-Burnisher	Double Ended TB2 #1 OR #3NO	

302	Tissue storing cabinet ( frozen)	Dimensions 24.4 (w) x 5.3 (D) x 5.1 (H) in 62.0 (w) x 13.5 (D) x 13.0 (H) cm weight 2.6lbs (1.2 kg) Componets 12 staining dishes with Lids 1 12-unit metal carrier 1 Drain Tray Cover Regulatory status IVD, FDA Class I	
303	Trauma set including bone plating kit	With all instruments	
304	Tissue holding forceps	Should be made stainless steel. Size 12cm (Tp41)	
305	Tongue retractor	To the stainless steel, university of minnesota retractor type (140mm).	
306	UV Sterilizer	S.S. Chamber with 12 S.S Trays Emits UV light Door switch interlock prevents emission of UV light as soon as the chamber is opened to avoid any harmful effect on operator Electronic circuit for instant start of tube	
307	Ultrasonic endodontic irrigation activator	Endo activator handpiece 1 x small (25), Medium (25), Large (25), Activator tips (75 tips total)	
308	Ultrasonic cleaner	Should have outlet for drainage of waste fluid. Should be electrically operated. Basket for instrument holding should be provided along with it . basket may be made of plastic or stainless steel. Power supply 100 -500 W-AC 220-240V,50/60Hz. Digital display of functions are optional	
		6 ltr capacity	
		13 ltr capacity	
309	Ultrasonic scaler	Piezoscaler with different scaler tips. PiezotronicScaler – 1 no Piezotronic scaler 28 to 32 KHz frequency, Autoclavable Hand piece, total control is micro processed based control unit. Sleek hand piece. The scaler is supplied with 2 tips	
310	Variable Intensity polymerization equipments	<ul style="list-style-type: none"> <li>• Maximum power supply due to lithium polymer battery with highest capacity.</li> <li>• Three adjustable curing times ensure efficient and reliable operations</li> <li>• Controlled light curing due to adjustable curing times .</li> <li>• Universal program for intuitive 1 button operation and uncomplicated handling.</li> </ul>	
311	Vaccum forming machine	<ul style="list-style-type: none"> <li>* Quick and practical</li> <li>* Preparation and delivery of the tray to the patient in a single session</li> <li>* Universal adapter for round and square plates of different dimensions, thickness and materials.</li> <li>* Automatic vacuum activation</li> </ul>	
312	Vibrator	<ul style="list-style-type: none"> <li>• Semi automatic</li> <li>• Mild steel body</li> </ul>	
313	Vernier Calipers	RANGE 125MM	
314	Volkman scoop	Stainless steel ,double ended	
315	welder	Operates on 220V All switches on frontal panel for easy operation Main cable very flexible and ISI marked Welding strength, welding pressure and electrode shape satisfying clinical norms.	

316	Wash bowl	Stainless steel, with sloping side and open hygienic curved edges, 305 mm diameter 135 mm deep, 7000ml.	
317	Wire cutters	Tungsten carbide jaws 180mm	
318	Wire twisters (lawson-taits)- 14cmlong, light weight.	Tungsten carbide 71 / 4" , 18 cm –wire Twisting forcep W.T.C	
319	Wax block storing cabinet	5000 capacity 30 drawer system, 11 x 12 x 6 inches Steel cabinet, drawer made up of polypropylene	
320	Weighing machine with attached height measurement	Digital display for weight	
321	Warwick james straight elevator	6" length	
322	Wax spoon	high grade stainless steel of medical grade quality	
323	Wax Spatulas	Stainless steel Double sided	
324	Wax Knives	WOODEN HANDLE STEEL ENDED	
325	Water Distiller	FOR 4 LITRES MANESTY TYPE STAINLESS STEEL 304 GRADE SHEET BRASS METAL COCK WITH WALL MOUNTING CLAMP WORKS ON 220-230 V AC SUPPLY 3 KW HEATER LOAD SUPPORT	
326	WHO probe	SS metal probe with 0.5mm round tip design and black band from 3.5 to 5.5 mm and black rings at 7.5 and 11.5 mm . Autoclave compatible.	
327	X Ray Viewer	Metal framed, Acrylic Sheeted power 12 v, High glossy LED ball with plastic clips for x ray film holding.	
328	ZOE MIXING SPATULA	Stainless steel double sided	

**Annexure - II**  
**Financial Bid**  
**Dental Equipments 2021-22**  
**SCB Dental College & Hospital, Cuttack**

Sl. No.	Name of the equipment	Specifications	Quoted Amount (Inclusive of all taxes)
1	Automatic radiographic film processor	The instrument should be fully automated film processing ability. * Should have Day light loader facility. * Film detection should be microprocessor based. * It should detachable tanks for proper cleaning. The tank capacity may range from 1.4ltr. to 5 ltr. each (Developer tank and fixer tank). * It should have heater function so that the film are obtained in dry state. * Film processing time should be maximum of 10 mins. * It should accept intra oral x ray films size 2, size 0, occlusal films (57 x 76mm), 8" x 10" film. * Should be table top * Solutions needed for the tanks should also be provided with the	
2	Acrylic gross cutting and finishing burs and stones for straight handpiece Acrylic gross cutting and finishing burs and stones for straight handpiece (Fissure, round and flame shaped sand paper mandrel and mandrel for polishing discs and wheels)	coarse green ring (MACRO) 15'-30000 UPM/RPM ISO 220 ISO-NR 500 104	
3	Automated slide stainer	Dimensions (W x D x H): 109cm x67cmx 51cm Weight: 65kg Specimen slide throughput: at least 200 specimen slides per hour Loading capacity: 11 slide racks Slide rack capacity: 30 specimen slides Total number of reagent stations: at least 18	
4	Austin retractor	Stainless steel 140mm	
5	Allis tissue forceps	Light weight, 2/3 teeth length 1562mm	
6	Apex Locator	Display: LED, Weight: only 160 g, Rotation speed: 150 – 280 rpm Rechargeable battery: 3.6 V, metal-hydride, Charge time: Approx. 60 min. Dimensions (mm): W 30 x D 37 x H 212, Charger Voltage: AC 230 V Frequency: 50/60 Hz, Weight: Approx. 500 g, Dimensions (mm): W 80 x D 123 x H 55	
7	Acrylizer	STAINLESS STEEL 304 GRADE, MECHANICAL TIMER, ON,OFF SWITCH, SS DRAIN PLUG,2 PILOT KNOBS,WORKS ON 220-230 VOLTS AC	
8	Airrotor HP	* Torque Head - Speed : 310000 - 410000 RPM - Head Size : ø12.5 x H12.6 mm - Borden 2 Hole - Stainless Steel Body - Ceramic Bearings - Single Spray - Wrench Type- C29 - Compatable with confident chair both UG and PG side . - Fibreoptic/Nonfibreoptic should be consider	

9	Articulator	<ul style="list-style-type: none"> <li>* Semiadjustable Calibration System with adjustable condylar inclination and ergonomic design</li> <li>* Central lock.</li> <li>* Curved condylar guide.</li> <li>* Should be facebow compatatble</li> <li>* Wide view concept articulator (5 nos)</li> <li>* Provision for FGP recording (2 nos)</li> </ul>	
10	Artificial Teeth	<ol style="list-style-type: none"> <li>1. Solvent resistant cross linked acrylic teeth,multi-layered teeth,anatomic,</li> <li>2. Porcelain teeth</li> </ol> <ul style="list-style-type: none"> <li>* TruPontic</li> <li>* Diatonic</li> </ul> <ol style="list-style-type: none"> <li>3. Silicon upper lower false teeth</li> </ol>	
11	Attachment Bars and Studs	<p>Ball for overdentures</p> <p>Stud. Devices (Stud.shaped projection soldered to diaphragen of dowel retained restoration (male)</p> <p>Bar attachment.</p>	
12	Apex Elevators	Couplans,apex,straight	
13	Autoclaves	<p>Front Loading</p> <ul style="list-style-type: none"> <li>* Large chamber volume</li> <li>* Safe and reliable</li> <li>* Safety over protection from temperature and external pressure gauge</li> <li>* Easy loading</li> <li>* Additionally, with stainless steel tray and pullin holder</li> </ul>	
14	Amalgamator	<ul style="list-style-type: none"> <li>* Resolves according to "8" module</li> <li>* Consistent mix</li> </ul>	
15	Automatic developer	Multifilm development in 2-8 min	
16	Amalgam finishing kits	<ul style="list-style-type: none"> <li>* Silicone abrasives impregnated with polishing abrasives</li> <li>* Autoclavable</li> <li>* Rubber cups for various uses</li> <li>* Colour coded</li> </ul> <p>Assorted set comprising of polishing cups and mini points, attachable to a contrangled micromotor for polishing of amalgam restorations.</p>	
17	ADSON Non-toothed Forceps	Autoclavable Stainless steel	
18	BP Blade (No.15 & no.12) with BP blade holder	STAINLESS STELL BP BLADE HANDLE NO 3 & NO.4	
19	Briston malar elevator	Sharp edge 240mm	
20	Blood and Fluid Warmer	<p>Physical Dimensions Height, Overall 24.1 cm (9.5 inches) Width, Overall 21.0 cm (8.3 inches) Depth, Overall 17.8 cm (7.0 inches) Weight, Dry 3.5 Kg (7.6 lbs) Weight, Wet (with recirculating solution) 5.0 Kg (11.0 lbs) Weight, Shipping 3.6 Kg (7.95 lbs) Recirculating Solution Capacity 1.4 L (0.37 gallons) Maximum Height on I.V. Pole 107 cm (42 inches) Environmental Temperature Humidity [%]</p> <p>Operation 10oC to 45oC 10 to 95 Transportation -18oC to 60oC 5 to 90 Storage -18oC to 60oC 5 to 90 Thermal Temperature.</p> <p>Temperature Set Point 40.0oC ± 0.1oC Over Temperature Set Point 41.2oC Electrical Type MAINS Power Input: 115V 115VAC, 50/60 HZ, 3.0 Amps MAINS Auxiliary Supply Power Output: 115V 115VAC, 50/60 HZ, 1.0 Amps Protection Against Electrical Shock Class 1 Equipment, Type BF Mode of Operation Continuous Type of Current Alternating Ingress Protection Rating IPX1 Performance</p> <p>Recirculating Solution Temperature Recirculating solution temperature reaches 37oC from ambient in about 4 minutes</p> <p>Normothermic Flow Rates At gravity flow rates to 5,000 ml per hour.onboard recirculating solution supply is heated to 39.5°C ± 0.5</p> <p>Electronic circuitry continuously monitors the recirculating solution temperature. The primary temperature control circuit limits the recirculating solution to 40°C maximum• Display Panel • Power and Alarm Test Buttons • Reservoir Level Display</p>	

21	Bone regenerative materials	<p>Bone graft- Bovine source</p> <p>Granules 0.25–1 mm 0.25 g ~ 0.5 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 0.5 g ~ 1.0 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 1.0 g ~ 2.0 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 2.0 g ~ 4.0 cm<sup>3</sup></p> <p>Injectable pen – Bovine source</p> <p>Granules 0.25–1 mm 0.25 g ~ 0.5 cm<sup>3</sup></p> <p>Granules 0.25–1 mm 0.5 g ~ 1.0 cm<sup>3</sup></p> <p>Granules 1–2 mm 0.5 g ~ 1.5 cm<sup>3</sup></p> <p>Collagen – bovine source</p> <p>50 mg (2.5 × 5.0 × 7.5 mm)</p> <p>100 mg (5.0 × 5.0 × 7.0 mm)</p> <p>250 mg (7.0 × 7.0 × 7.0 mm)</p> <p>500 mg (10.0 × 10.0 × 7.0 mm)</p> <p>Resorbable Collagen Membrane</p> <p>25 × 25 mm</p> <p>30 × 40 mm</p> <p>13×25 mm, 20×30 mm</p> <p>Perio 16 × 22 mm</p> <p>Shape 14 × 24 mm</p>	
22	Bone fixation screw kit	<p>Bone Screw KIT</p> <p>Drill, driver tip, universal handle</p>	
23	Biopsy set	Instruments present in the kit should be mouth mirror with handle, BP blade handle no 3 and 4, surgical scissor, tissue forceps, tweezers, tongue retractor, artery forceps (small), mosquito forceps.	
24	Bone rongeur	Slight curved, 2mm x 5mm jaws, 150mm with hinge actions	
25	B.p.handle no-3,4	Fits Blade size 11,12,15 , Disposable Stainless steel.	
26	Burs-for contra-angle micro motor	Straight fissure, tapered fissure, ball shaped, flame shaped , wheel shaped for tooth cutting	
27	Boiling water steriliser	32 ltr capacity electric operated ISI mark stainless steel, rust free.	
28	BP Apparatus	Automatic mercury free	
29	Bleaching Unit	<p>* Strong cool blue light, smart and compact with adjustable light intensity and bleaching time.</p> <p>* Quiet cooling fan with wide LCD screen display.</p> <p>* Light intensity-3 different intensities.</p> <p>* High sensitive infrared remote control setting functions.</p>	
30	Ball Burnisher	high grade stainless steel of medical grade quality	
31	Blood Centrifuge machine for PRP, PRF preparation	<p>Bench top laboratory centrifuge for PRP/PRF preparation.</p> <p>With digital meter and speed countdown timer (0-60min), swing out head</p> <p>With dynamic brake for quick deceleration and imbalance detector in case of uneven load. Operating on 220-240V, 50Hz, single phase, with 4400 RPM speed and 2350g RCF.</p> <p>- Containing 8*15 mL glass or polypropylene test tubes</p>	



32	Blood Centrifuge machine for CGF, AFG preparation	Blood phase separator for concentrated growth factor (CGF) and autologous fibrin glue (AFG) preparation. Microprocessor controlled system with rotor system accommodating upto 8 surgical grade test tubes. With decontamination cycle with UVC light. Operating at 230V, 50-60 Hz and 1000-2200 RPM. Containing glass tubes, antiseptic swab, thruway tourniquet, SS tube trays, Dappen for fibrin separator, for particulates, for platelets, grid for fibrin separator, Scissors, anatomic pliers, plier for membrane, injection for fibrin, spatula for graft and membrane placement, surgical instrument tray	
33	Bone scraper and collector	Surgical bone scrapper and collector for scraping and collecting autogenous bone into slurry or powder form. SS body with anticorrosive coating, autoclavable. In straight and curved tip design.	
34	Bone trephine kit	SS set of 6 tips of 2.0, 3.0, 4.0, 5.0, 6.0 and 7.0 mm diameter with thin cutting blade for minimal bone loss. Used for removing autogenous bone for grafting purpose, making bone perforations. Operating at optimal speed of 800-1000 RPM (max 6000 RPM). Autoclave compatible	
35	Bone mill/ Morseliser	SS plier type design with corrosion resistant coating. Contains 2 serrated disks for smashing graft into minute particles. Used for preparation of autogenous graft into smaller particles for regenerative grafting procedures. Autoclave compatible	
36	Bone cutting Saw	Forged from corrosion resistance, surgical stainless steel material, autoclavable type	
37	Cutting and finishing burs and stones for contraangle handpiece (fissure, round and flame shaped sand paper mandrel and mandrel for polishing discs and wheels)	(fissure, round and flame shaped sand paper mandrel and mandrel for polishing discs and wheels)	
38	Composite curing oven	* High temperature * Nitrogen pressurized unit * Should be compatible with most of the composite system. * Should have simple calibration and digital programmable controller	
39	Chair side micro abrasion	variable nozzle (Contraangled) operating pressure 40-100 Psi. Provision for attachment of water channel . Holder for alluminium oxide / Glass beads / Sodium biocarbonate (27-50 micron sized).	
40	Computer software for cephalometrics require upgradation	3D Module for Dolphin Imaging software upgradation 2. Dolphin 3D Surgery + 3D Study Models	
41	Cord Packer	Round ended Thin enough to pack the cord into sulcus effectively Working end smooth/serrated	
42	Cyanoacrylate Gel	(n Butyl 2 - Cyanoacrylate Sterile Bio Bio Adhesive Impact Resistant, Moisture Resistant ,Water resistant	
43	Curette	Round metal handles, small 3mm	
44	Cheek retractor	Should be made of flexible plastic. Plastic should be of clear type. Wings attached will be preferred.	
45	Clamps	For denture flasks curing	
46	Curved mosquito artery forceps	Straight, ½ teeth length 180 mm	

47	Chietels forceps	Metallic for steriliser . Should be made of stainless steel and size should be between 8 to 10 inches	
48	Castroviejo scissors	Anti rust, Scratch resistant, smooth finishing	
49	Crown remover	Manual crown remover to remove all ceramic and metal ceramic crowns, inlays and onlays with recent technology Split crown technique HUFREIDY	
50	Cotton holder	Stainless steel	
51	Coupland elevator	6" length	
52	chemo mechanical caries removal system	Papacarie 2ml syringe - overcomes the inconvenicnce of urg burs - 2-3 tremilites to dissolves.	
53	Composite polishing disc	4 different colour coded of diameter 12 x 18 mm, 1 x composite fine	
54	Composite finishing kit	Item Weight : 500 g Item Dimensions LxWxH : 7 x 3 x 3 Centimeters	
55	Composite Teflon coated instruments	Dental Premium Composite Non Stick Blue Titanium Coated Hollow Light Weight No Slip, No Rust, 9 MM. Burnisher Cone + Long Flat End. Double Ended Filling Instrument. composite instruments are titanium coated and non-stick.	
56	Celluloid crowns	Provisional crown	
57	Cutton Rolls	White cotton plastic bag pack type for hospital usage	
58	Ceramic applicating brushes and tweezers and tray	Sable fibres & red wood handles -Better control & easy application -Brush no.OP0 NO. P3, NO. P5, NO. P7, NO. S0,	
59	Ceramic plunger for all ceramic and accessories (casting ring for all ceramic)	Casting ring liner & plunger applicable to ivoclar EP 3000 CERAMIC FURNACE ( AS AT PRESENTLY THIS CERAMIUC FURNACE IS AVAILABLE IN THE DEPARTMENT )	
60	Ceramic base for pressable all ceramic furnace	Casting ring liner & plunger applicable to ivoclar EP 3000 CERAMIC FURNACE ( AS AT PRESENTLY THIS CERAMIUC FURNACE IS AVAILABLE IN THE DEPARTMENT )	
61	Ceramic ingots of different shades	Polychromatic IPS Emax Press Multi 10(BL2, A1, A2, A3, A3.5, B1, B2, C1, C2, D2)	
62	Cement mixing spatula	Cement Spatula #5 - Double Ended * Cement mixing GIC & temporary cement. * Flat smooth fore-end * Made of plastic material * Immaculate finish & optimum durability	
63	Chair side instrument cabinet	Stainles steel with 2 drawer locking system wheel	

64	Carbon monoxide breath analyser for TCC	Model - BMC-2000 Measuring gas-CO Measuring type- Breath through the mouth Measuring method- Electrochemical cell Measuring range- 0-100ppm, 0-500ppm Countdown- 15sec Hydrogen cross sensitivity- 5-10% / Full scale Resolution - 1 ppm Parameter control - Front 3 switch(calibration, maintenance, configuration setting) Operation mode display - Visual: graphic LCD Display, LED Indicator Audible: buzzer	
65	Ceramic unit	<ul style="list-style-type: none"> <li>• Dental ceramic unit with maximum temperature between 1000-1500degree Celsius.</li> <li>• Electronic design to simplify and ease up the technicians work in the working cycle.</li> <li>• Powerful microprocessor</li> <li>• Frontal encoder for input and research of both data and functions.</li> <li>• LCD Display backlit by a blue light .</li> </ul>	
66	Casting machine	<ul style="list-style-type: none"> <li>• Medium frequency electronic induction casting machine, suitable for melting dental alloys with the ability to measure the power output allow the user to work with each type of alloy under the best conditions.</li> <li>• Progressive heating the metal from inside outwards.</li> <li>• Continuous mixing of the alloy .</li> <li>• Maximum molecular compactness.</li> <li>• Logical and incommutable scanning of operating functions.</li> <li>• Control over rated power allows the user to work quickly on alloys .</li> <li>• Display showing the parameters of working cycle .</li> <li>• Visual inspection of the metal process through a protective screen.</li> <li>• Stainless steel centrifugation chamber for easy cleaning.</li> </ul>	
67	Ceramic finishing kits, Metal finishing Kit	<ul style="list-style-type: none"> <li>* Dura white adjustment stones.</li> <li>* Ceramiste standard and ultra polishing burs</li> <li>* Porcelain polishers of various sizes and grit.</li> <li>* Assorted stones of different girt sizes and heads for finishing and polishing of ceramics.</li> <li>* Assorted stones of different grit sizes and heads for finishing and polishing of metal crowns.</li> <li>* Dental ceramic zirconia for trmming acrylic resin plaster (Bullet shape zirconia ceramic bursh)</li> </ul>	
68	Chair side micro abrasion	<ul style="list-style-type: none"> <li>• Slurry containing silicon carbide microparticles.</li> <li>• Latch type bristle polishing cups.</li> <li>• Finishing cups for micropolishing the newly treated enamel surface.</li> </ul>	
69	Circular saw	Precision shifting techniuuie High speed shifting Electro magnetic model holder Illumination lamp for clear vision	
70	Colour ink tank printer	Should have multiple capacity (Scan, print xerox), should be capable of printing full colour prints.	
71	Digital pulp tester	Should be battery operated	double
72	Distraction osteoogenesis kit	Intraoral Mini Distractor - Vertical For Alveolar Sizes6, 9, 12, 15 mm	

73	Dry Laser Printer for OPG Machine	The printer supplied should be laser based for sharp images and should avoid use of chemicals and processing, printer should have in built quality control features like densitometer to ensure consistency in printing printer should have a resolution of 500 dpi/ppi. Printer should have the laser spot spacing of minimum 50 microns minimum 2 online drawers with flexibility of putting minimum 4 sizes in any trays. The printer should have the ability to print at least four of the most commonly used sizes of films viz, 8 x 10, 10 x 12, 11x 14 and 14 x 17 (all in inches) The printer should have the facility to be loaded with at least 70 films or more at a time , preferable with a self-sealing system to ensure quick changes of film size according to user needs.	
74	Direct Sinus Implant kit (Compactable with osstem implant kit)	<p>a) Dome and core drills – to create the lateral window for lifting the sinus membrane.  b) Wide dome drill and side wall drill  c) Exceptional cutting ability  d) Stopper system  e) Flexible –</p> <p><b>Sinus membrane elevating instruments</b>  Tools required for the maxillary sinus membrane elevation and grafting procedure as well as the sinus procedure tool for lateral approach.  A) Bone graft carrier: OBGC  B) Freer elevator: OFE  C) Membrane separator (circle type): OMSC  D) Sinus curette-long: OSCL  E) Sinus currette-short: OSCS</p>	
75	Dermatomes	<p>Wireless, battery operated and light weight design makes it portable and easy to use.  User friendly &amp; battery powered high torque DC motor design, allowing use without electricity.  Operates on powerful re-chargeable 3000 mAh Li-ion battery</p> <p>Capable of cutting a width of maximum 80 mm that can further be reduced to 70 mm, 60 mm, 50 mm, 40 mm, 30 mm, 20 mm &amp; 10 mm by using various graft plates.  Graft thickness varies from 0.10 mm to 1.2 mm and can be adjusted with an increase/decrease of 0.1mm by an adjusting lever with reading on a thickness scale.  On/Off switch on hand piece with automatic lock system to prevent accidental activation.  Battery and motor should not be sterilized which offers persistence to the device.  Device can be totally immersed in cleaning solution and steam, or it can be gas sterilized as well except electrical parts like Battery &amp; Motor Cartridge.  Includes sterilizing container.  Includes 500 blades as accessory.  Cost of blades to be quoted separately  Cost of Motor Cartridge to be quoted separately  Cost of Battery Cartridge to be quoted separately  Indian Manufacturers should be preferred.  Should be ISO/CE/US FDA</p>	
76	Dressing tray	Stainless Steel, 465 x 355 x 32 mm	
77	Denture Flasks	Metallic (size No.7) For acrylic denture curing	
78	Denture Flasks	Metallic (size No. 8) For acrylic denture curing Metalic MFP flasks (3Tiers) Small metalic flasks for ocular prosthesis	

79	Denture base shade guide	To match the shade of denture with gingival	
80	Denture teeth selection guide	(Length & width selection purpose 1. from transzygomatic width 2. proportioning occlusal gingival length to mesio-distal width	
81	DFS – METAL finishing burs	* For finishing metallic appliances – straight, round, flame, conical shapes * Diamond cutting spru for straight handpiece * Cutting tools for titanium trimming	
82	Dental Compressor	Single head, 20ltr capacity desiccant 120 kg 12 v, single phase.	
83	Dental chair with compressor	With Shadow less lamp, Spittoon, Three way syringe, Instrument tray and suction, Micromotor, Airotor, X-ray viewer with LED light. 1. Electrically operated microprocessor based multi-programmable Dental Chair 2. The chair should have Erasable programs with microprocessor controlled where Doctor can set his own programs. The program switch should be fitted to the instrument tray program 0 and gargling 1 & 2 erasable program 3. The right side Arm of the chair has lateral rotation for easy access of the patient 4. Body converging movement back rest and body should moves together, so that it will not strain the back of the patient. When it is completely flat, surgeon chair mount unit fitted with: a. Operating LED light with latest sensor controlled to avoid any stagnant infection. Two intensity illumination 15000 to 20000 Lux b. Auto water connection for spittoon and tumbler. Total basin cover should be single piece high quality porceilin with perfect smooth spittoon. c. Stainless steel instrument tray for keeping instruments d. LED X-ray viewer e. High and low vacuum motorized noise-free suction is consists of with flow control valve, with Autostart. The fluid collection container has auto-drain system and also auto-flux system, Amalgam collection filter, Modular (delivery system over patient) fitted with. A. Airotor hand pieces (Autoclavable) (i) Non - Fiber optic , push type valve Airoter High Torque Handpiece, one number with two extra cartridges	
84	Dentate rubber mould	*Highly flexible silicon rubber variety * Edentulous die pairs for education class - I, II, III	
85	Dental Elevator	Straight Cryers	
86	Dental Surveyors	Heavy Base(Senior) with B.B	
87	Duplicator	FOR AGAR Power Supply:220V/110V 50/60Hz Rotational Speed:40rpm Max. Amount:8kg Dimensions::61cm x 44cm x 36cm (H W D)Weight::397g Application Melting and mixing duplicating Denture duplicator flasks	
88	Distillation Plant	· Zinc coated steel round shaped shell • Stainless steel lower cover • safety certifications that are recognizable internationally • Materials that adhere strictly to the RoHS standard • Products must be environment friendly, and should not require filter replacements • It must be safe, and should have an auto power off system • Easy to maintain and easy to clean	
89	Die Spacers	DIEMASTER	
90	Drape Sheet	Used on patient while performing dental procedure.	

91	Digital Sphygmomanometer	<p>LCD Mercury Free Sphygmomanometer is a new generation mercury-free blood-pressure meter which is still made with Krotkoff Sound. It display with LED bar graph, completely solves the pollution and the harm of mercury in. LED bar graph sphygmomanometer is an accurate measuring instrument for hospital, clinic and even house using. It is no pollution, easy for use, durable.</p> <p>There is a button beside the LCD screen, if you put the button down, it will be Oscillometric measuring method. It's like digital B.P. meter, it's used by puff the bulb manually. When the LCD column reach to about 160-180mmHg, stop to puff, about 10seconds, the value will display on the screen. It's easier than Stethoscopy method.</p>	
92	Dapen Dish	<p>Dense glass vessel for mixing dental medicaments or fillings. Thick &amp; heavy base Ideal for mixing acrylics, resins, sealants &amp; other materials</p>	
93	DSLR Camera with micro lens	<ul style="list-style-type: none"> <li>• Nikon D5600 DSLR Camera with AF-P 18-55 mm</li> <li>• ISO range of 100-25600</li> <li>• 39-point autofocus (AF) system</li> <li>• DX-format CMOS image sensor EXPEED 4 image-processing engine</li> <li>• Connect wirelessly to smart device Wi-Fi, Bluetooth or NFC</li> <li>• 7.62 cm (3 inch) Touchscreen LCD display swivels up to 180 degree.</li> </ul> <p>Micro lens -</p> <ul style="list-style-type: none"> <li>• Nikon 105mm AF-S VR 105 f/2.8G IF-ED Micro Prime Lens</li> <li>• Focal length of 116mm and maximum aperture of 2.8mm</li> <li>• Designed for close-up and macro photography</li> </ul>	
94	Digital SLR Camera with ring flash including photographic unit	<p>Should have macro lens Should have minimum 16 GB memory card Ring flash must be able to fit on the lens of the camera</p>	
95	Electrocautery unit	<ul style="list-style-type: none"> <li>* • 7 autoclavable electrodes set</li> <li>• Operation mode of cut, coagulation, cut-coagulation.</li> <li>• Cut through soft tissue - access a surgical site.</li> <li>• Seal off bleeding blood vessels -blood free Surgery</li> <li>• Operation frequency is at 1.5 to 1.7 MHZ – leads precise working during operation</li> <li>• 10 different power settings</li> <li>• Output power upto 70 Watt</li> </ul>	
96	Electric Wax carver	<p>Technical :</p> <p>Voltage : AC100~240V 50/60HZ Power : 20W Safe electric current : 2 A Weight: 1.1kg Temperature : 50-200°C Measure : 119*159*73mm</p> <p>Packing list: Main unit 1pc Tip 6pcs Pen 2pcs Pen base 2pcs</p>	
97	Electronic dental anesthesia	<p>Power supply: 110V/50HZ OR 220V/60HZ</p> <ul style="list-style-type: none"> <li>• 2) Fuse; 1.5A</li> <li>• 3) Power: 14w+/-10%</li> <li>• 4)Working envirmnt:temperature:5-40°C;Relative humidity≤70</li> <li>• 5) Capacity: 0.3ml-1.8ml</li> </ul>	

98	Electric cautery	<ul style="list-style-type: none"> <li>* Controlled power</li> <li>* Reliable and reproducible setting</li> <li>* Safer with maximal efficiency</li> <li>* Less energy loss</li> <li>* User friendly for fast setting up</li> <li>* Only 2 potentiometers</li> <li>* Settings can be very finely adjusted and according to the different types of tissue encountered</li> </ul> <p>30 watts</p> <ul style="list-style-type: none"> <li>* Decreased wattage for greater efficiency</li> <li>* Easily disinfected</li> <li>* 10 electrodes classified according to their size and haemostatic capacity</li> <li>* Incision, Excision, Fulguration and coagulation</li> </ul>	
99	Equipment for injectable theroplasticized gutta percha	Battery operated injectable gutta percha back filling system, provision for refilling of gutta percha pellets/ capsules, operating temperature range 150-220C. Preferably Cordless	
100	Endomotor with reciprocating handpiece	Cordless endomotor with rotary and reciprocating function. Adjustable torque range 0.6-5.6 ncm . Multiple program settings Triauto mini hand piece Display: LCD Weight: 78 g Motor: 50- 1000rpm Torque: 3:9 Ncm Battery (Rechargeable): 3.7 V Lithium -ion Diameter: 28mm / Height: 150mm	
101	Electropolisher	<ul style="list-style-type: none"> <li>• 150W Dental Electro Polisher</li> <li>• Vibration System is driven by a motor which moves a pole through an eccentric wheel.</li> <li>• The Workpiece on the Clip moves back &amp; forth along the Track.</li> <li>• Workpiece can make steady, smooth moves in the electrolyte &amp; which makes it thoroughly polished.</li> </ul>	
102	Excavators	Tooth cavity excavator, metallic	
103	Electric Geyser	25ltr 2500 wt 230v stenless steel tank temperture limit 70 degree celcius, 50 hz frequency.	
104	Edentulous brass die	Brass / Metal edentulous die for educational purpose for class 1 class 2 class 3 jaw relation records.	
105	Edentulous rubber mould	Highly flexible silicon rubber variety.	
106	Explorer	No 12 stainless steel explorer	
107	Explorer shepherd crook	Autoclavable CE certified Ergonomically designed	
108	Extraction forcep set	For adult stainless steel, international quality	
109	Extraction forcep set	Pediatic	

110	Endontic irrigation device	Endodontic ultrasonic irrigation device, Battery operated with assorted disposable tip sizes  21 mm MicroCannulas 25 mm MicroCannulas 31 mm MicroCannulas 50 mm MicroCannulas Semi-Disposables Evacuation Tubing (contains 2 tubes: Macro/Micro & MDT)	
111	Emergency Medicine Kit	Wound Cleansing Wipes - 0.4% BZK Sterile Gauze Pads 7.5 cm x 7.5 cm Adhesive Plastic Plasters 19 mm x 72 mm Adhesive Plastic Plasters 25 mm x 72 mm Adhesive Textile Plaster 6 cm x 7.5 cm Sterile First Aid Dressing - Medium 17 cm x 17 cm N/W Triangular Bandage	
112	ESR Stand	10 tubes	
113	Eye wear	310 x 164 x 105mm	
114	Endobox	Autoclavable 1 holder for 60 files/ reamers 2 sponge section for cleaning	
115	Extraoral gothic arch Tracer	metal	
116	Electric Kettle	For water bath for impression compound	
117	Electric Wax Carving Knife	· Size: Moderate	
		· NET WT: 1kg	
		· Voltage/Frequency: 100-240VAC50/60HZ	
		· Power consumption: 20W	
		· Electric current: 0.1A	
		· net Weight: 0.1A	
		· Material: steel/pp	
118	Equipments for Casting procedures	<ul style="list-style-type: none"> <li>• Lathe</li> <li>• Spindle</li> <li>• Die cutting machine</li> <li>• Pindex machine</li> <li>• Sand blasters</li> <li>• Vacuum investment equipments.</li> <li>• Metal grinders.</li> </ul> <p>with vacuum pump, capable of casting Titanium, Chrome Cobalt and precision Metal, Height : 440mm, Height with cover open : 965mm, Width : 785mm, Depth : 625mm, Depth with cover open : 650mm, Rated voltage : 230V, 50/60Hz, Special voltages : 200-240V,50/60Hz, Current consumption : approx.16A, Induction melting power : 3.6kVA,65 kHz, Water supply + discharge : approx.2 l/min, 3/4", Digital Display, Voltage: 220V/50Hz +_10% , Power: 2500W, Centrifugal rotational speed: 550rpm, Maximum melting amount: 50g(Co-Cr Alloy), Melting duration: 30g≤ 65s(standard), Casting radius: 21cm, Casting method: Induction casting Cooling method: Air cooled, Motor power: 370W</p>	



119	Fickling dental mallet	All metal, Diameter 25mm Tapering head, length 191mm weight 190gram	
120	Farabeuf elevator	Light, 8mm, curved, length 160mm	
121	Fully adjustable articulators with all accessories	<ul style="list-style-type: none"> <li>• Fully adjustable.</li> <li>• Arcon construction simulates true anatomical structure.</li> <li>• Adjustments: protrusive angle 0-60 degrees; immediate side shift 0-4mm; progressive side shift 0-30 degrees rear wall 30 degrees backward; top wall 30 degrees up, 30 degrees down; intercondylar distance 90-150mm.</li> <li>• Medial and Superior wall inserts: removable for custom grinding; choice of curvatures.</li> <li>• Adjustable incisal table (T3), custom step incisal table (T2) and long centric incisal pin (P2) are standard.</li> <li>• Lingual visibility allows for easy viewing and access to models from the rear of the instrument.</li> <li>• Comes with: 10 disposable mounting plates, wrench pack, carrying case and instruction manual</li> <li>. Panto graphic tracing</li> </ul>	
122	Fully enclosed automatic tissue processor	<p>Dimensons 68 x 59 x 132 cm (27 x 24 x 52 in.)</p> <p>Weight (Instrument only) 160kg (352.74 lbs)</p> <p>Max capacity - metal basket 300 cassttes</p> <p>Max capacity - microwaveable plastic basket 252 cassettes number of paraffin baths 3, connected directly to the retort paraffin bath volume 4.3 L each average paraffin melting time approx. 10 hours paraffin temperature range 40-65 degree celcius number of reagent bottles 10 reagent bottle volume 4.3 L each.</p>	
123	Fibrooptic light	Stand module with adjustable head band (360° swivel mount for precise light placement, with adjustable clip), complete with cable (7 ft) & halogen source (3450° Kelvin light, 3200 foot candles, adjustable intensity, handles 3 light cables), compatible with standard retractors, fiber-optic aspirator, fiber-optic mouth mirror, fiber-optic pikos Ramus retractor, double outlet, twin bulb model progressive irish diaphragm for spot selection 2 year warranty,	
124	Fibre optic laryngoscope	<ul style="list-style-type: none"> <li>* Single piece, stainless steel blade ensures integrity and minimizes corrosion</li> <li>* Fiber optic halogen HPX handles available in both "c" and "AA" sizes</li> <li>* Bright, white halogen HPX tm illumination for clear, color corrected view</li> <li>* Rechargeable handles utilize 2.5 V and 3.5 V nickel cadmium</li> <li>* Reuseble stainless steel mac and miller style blades.</li> </ul>	
125	Florida probe (3rd Gen)	Florida probing System, FP32 software preloaded on HP/Dell laptop/PC, 3 Probing Handpieces, 15 gm optical Encoder, Footswitch, Computer Interface, Connecting cables, Titanium Tip probes	
126	File retrieval System	19 grage 21 grage 24 grage	
127	Fibre Endodontic Posts	High-intensity Glass fiber post 4 Drills	
		1.20mm (diameter), 18 mm Length	
		1.40 mm (diameter) , 18mm Length	
		1.60mm (diameter), 18mm Length	
		1.80mm (diameter), 18mm Length	

128	Fox Plane	9*3*1 inches autoclavable	
129	Automated hematology analyzer for CBC	<p><b>Technologies:-</b> Fluorescence flow cytometry: WBC DIFF DC Sheath flow method: RBC, HCT, PLT cyanide-free SLS method: HGB</p> <p><b>Diagnostic parameters:-</b> WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, PCT, NEUT%, LYMPH%, MONO%, EO%, BASO%, NEUT#, LYMPH#, MONO#, EO#, BASO#</p> <p>Research parameters:- IG%, IG#, Other%, Other#</p> <p>Throughput:- Up to 60 samples / hour</p> <p>Data storage:-Up to 10,000 samples (incl. graphics); up to 5,000 patients' information; 20 quality control files ode)</p> <p>Dimensions:- wxhxd [mm] / [kg]</p> <p>320 x 403 x 413 / approx. 24 (xs-1000i main unit)</p> <p>450 x 420 x 630 / approx. 38 (xs -1000i with optional sampler)</p>	
130	Flasks for RTV silicones	For maxillofacial polymers	
131	Flasks for Silicone Rebasing/relining	Plastic Metal with screws For complete dentures	
132	Flasks for Silicone Duplicating	POLYCARBONATE OR ALUMINIUM	
		Inside dimensions: 85 x 65 x 40 mm.	
		Material: Plastic	
		Weight: 52 g	
133	Face bow with semi adjustable articulator	<p>Hanau wide-Vue arcon articulator lower member, which simulates the multiple functions of the Glenoid Fossa in centric, protrusive, right and left lateral positions</p> <ul style="list-style-type: none"> <li>• Enclosed track design prevents vertical displacement of the condyle element when waxing or making excursive movements with the instrument</li> <li>• Progressive Side Shift: 0-30°</li> <li>• Protrusive Angle: 0-75°</li> </ul> <p>Comes complete with adjustable incisal guide, standard incisal pin, extension pin, orbitale indicator, 10 disposable mounting plates, instruction manual and carrying case</p> <p>Stratos 200, 300 for bio functional prosthetic system with 3D transfer bow.</p>	
134	Formalin Absorbing Pad	(8" x 11") & (11"x 15") Formalin Absorbing Neutralizing Pad with Laminate Coating.	
135	Formalin chamber	<p>12 inch chamber made of surgical grade polymer (5mm thick) with 2-3 sliding trays.</p> <p>7.5 inch high, 12 inch deep, 7.5 inch broad, weighing 2-3 kgs with 1.00 capacity count.</p> <p>Used for sterilization application of equipments and instruments.</p>	
136	Galipot	Stainless steel, cup shaped, 28 ml capacity, 51 internal diameter.	
137	Glass slab and Mixing Spatula	Cement mixing glass slab and spatula	
138	Gnathofilms	art paper, black, 16mic SOFT	

139	Gingival Retraction Cords	PLAIN BRAIDED GINGIVAL RETRACTION CORDS0,00,000	
140	GP Cutter	dental supplies 2.5W cordless dental cutter for GP with 4 tips	
141	Howarth periosteal elevator	Metallic hand instrument For minor oral surgery –Length 220mm	
142	Hard tissue microtome	Internal-hole saw (280 um thin) is diamond coated and rotates horizontally at a speed of approximately 600 r.p.m.. An annular triple frame ensures outstanding stability. The specimen is drawn towards the saw by a spring which can be adjusted according to the different degree of specimen hardness. A built-in water cooling prevents overheating of the sample and carries the saw dust away.	
143	Hot water sterilizer	Automatic cut off system <ul style="list-style-type: none"> <li>• Thermostatic arrangement with pilot light</li> <li>• Fitted with electric filament coil</li> </ul> Chamber Volume	
144	Hayton williams wire twisting forceps	Length 110mm	
145	High precision mini digital weighing machine	100 gm capacity with 0.01 gm accuracy	
146	Haemoglobinometer	Sahli'shaemoglobinometer	
147	Heat gun for drying of X ray film	Minimum of 1500 watt Maximum temperture of upto 400 - 500 degrees should have fan for blowing of hot air.	
148	Hanau	H2 WIDE VEAU	
149	High pressure suction	Features Portable High vaccum Operation mode : Automatic Power Supply: Electrical Voltage: 90VA	
150	Hand piece lubricant machine	Custom pick 3 desired port adaptors	
		Filtered air to rotate handpiece	
		Disposable mist filtration system	
		Solution level indicator	
		Detachable door for easy cleaning of unit	
		Air Pressure Gauge	
		Oil flow control valve	

151	Indirect sinus implant kit (Compactable with psstem implant kit)	Safely and rapidly lifts the sinus membrane while drilling. <ul style="list-style-type: none"> <li>• Unique stopper system</li> <li>• Hydraulic Lift System that easily and safely lifts the membrane.</li> <li>• Bone Carrier System for transferring and filling bone graft materials.</li> </ul> Consists of: Twist Drill Guide Drill CAS-Drill - Comes in six diameters: 2.8/3.1/3.3/3.6/3.8/4.1 Stopper System: A total of eleven (11) stoppers; labelled 2 to 12mm Bone Carrier Depth Gauge Bone Carrier Head Hydraulic Lifter Bone Condenser Hydraulic Membrane Lifter Tube	
152	Intra – oral periapical films hanger	Hanger should be made of stainless steel. Each hanger should have a minimum of 10 clips, with 5 clips on either side.	
153	Intra-oral photographic mirrors	Each set should have mirror for viewing occlusal surface as well as lateral surface. It should be made of glass having double side coating having a minimum thickness of 2mm. Mirror for viewing of lateral surface should also be made of glass having suitable coating	
154	Intra oral X ray Machine	Movable: Mounted on stand & wheels. High voltage selections : 60KV & 70KV Anode current selections: 4mA & 8 mA. Expose time settings: 0.02sec to 3.2sec. Classification: Electromedical equipment, Class 1 type B.X-ray tube head: double anode tungsten tube head.Microprocessor based digital timer with hand operated switch for exposure. Exposure times can be set by soft touch buttons on the panel board.Radiations leakage <0.25 mGy/hour maximum at a distance of 1m from focal spot (IEC 601 – 2 – 7 standards). Atomic Energy Regulatory Board (AERB, Govt. of India) approved Total filtration equivalent to 2mm AL at 70KV. Input power supply: 230V, 50Hz. Maximum power consumption: 1400W. Error message will appear on the digital display at the time of low power supply. Should be manufactured in compliance with currently applicable regulations and standards (EC Directive 93/42/EEC).RVG compatible with X-Ray machine, computer. The Supplier/Manufacturer Should be responsible for doing the QA of the Machines and registration of the machines in the e-LORA website of AERB	

155	Intraoral Camera with monitor	<ul style="list-style-type: none"> <li>• to show the clear picture inside the oral cavity of the patient for the diagnosis and treatment planning.</li> <li>• High-definition lenses with cold light led.</li> <li>• supports a built-out USB device, multi-view display, QR code transmission, Wifi transmission.</li> <li>• Anti - shaking Image Sensor.</li> <li>• Highly Integrated Design with Handle.</li> <li>• High-Definition Video and Photography Function.</li> <li>• High Definition large screen.</li> <li>• Good Picture storage.</li> <li>• Easy Operation.</li> <li>• Reduce inspection time.</li> <li>• Bright colors.</li> <li>• High resolution.</li> <li>• Easy to observe.</li> <li>• Applying the technology of high-definition lenses and cold light LED.</li> <li>• It carries the embedded operating system.</li> <li>• It supports a built-out USB device, multi-view display, QR code transmission.</li> <li>• With an integrated design, and easy to assemble.</li> </ul>	
156	Intra Oral Camera	<p>Should have LED lighting</p> <p>Should have a minimum resolution of 2 megapixel. Should have USB Cable connectivity. Should be compatible with monitor with or without CPU. ☒</p>	
157	Instrument for measuring implant stability by RFA method (ISQ)	<p>Power, weight &amp; size:</p> <p>Power source: Lithium-ion battery 3.7 V, 0.8 Ah</p> <p>Charging with supplied USB cable to a type A outlet</p> <p>Instrument size: 210mm x 35mm x 25mm</p> <p>Package size: 273mm x 138mm x 75mm</p> <p>Instrument weight: 0.07kg</p> <p>Gross weight: 0,75kg</p>	
	smart peg	compatible to TSIII SA from Osstem (As this IMPLANT SYSYTEM is presently available in the department)	
158	Instrument for holding casting ring	<p>CASTING CRUCIBLE TONG</p> <p>stainless steel crucible tong size 12", 15" 18" 24"</p> <p>crucible tong made of heavy and proper shape to hold properly</p>	
159	Implantology kit	minimum 2 systems	
160	induction casting machine with vacuum pump, capable of casting	<p>with vacuum pump, capable of casting Titanium, Chrome Cobalt and precision Metal, Height : 440mm, Height with cover open : 965mm, Width : 785mm, Depth : 625mm, Depth with cover open : 650mm, Rated voltage : 230V, 50/60Hz, Special voltages : 200-240V,50/60Hz, Current consumption : approx.16A, Induction melting power : 3.6kVA,65 kHz, Water supply + discharge : approx.2 l/min, 3/4", Digital Display, Voltage: 220V/50Hz +_10% , Power: 2500W, Centrifugal rotational speed: 550rpm, Maximum melting amount: 50g(Co-Cr Alloy), Melting duration: 30g≤ 65s(standard), Casting radius: 21cm, Casting method: Induction casting</p> <p>Cooling method: Air cooled, Motor power: 370W</p>	
161	Irrigatuion Needle	<p>Thin wall</p> <p>One lateral Vent</p> <p>Closed front end</p> <p>Rounded tip</p> <p>Free of burs</p>	

162	Intraoral Gothic Arch Tracer	Metal	
163	Indelible Pencils	For intraoral use	
164	Injection Moulding Unit	<ul style="list-style-type: none"> <li>• Denture Injection Unit composed of a hot press (frame, cylinder, heater, bracket and flask etc.) and an automatic temperature control system (temperature control, timer and electric system).</li> <li>• Have automatic temperature control, automatic heat preservation and reminder function.</li> </ul>	
165	Implant maintenance kit	<p>Set of plastic instrument (PLASTEEL) with thinner tip design in new universal curette and sickle design. Ergonomic handles with flexible round tip. Containing – 1 set Williams tips, 1 set UNC-12 tips, 1 set PCV-204S scaler tips, 1 set 4R/4L curette tips, 1 set Langer ½ curette tips, 1 set of 5/6 Barnhart curette tips. Autoclave compatible.</p>	
166	Injectable GP	<ul style="list-style-type: none"> <li>* Digital and graphic display incorporating down pack, backfill, cauterization and hot pulp testing with preset temperature and duration</li> <li>* Tip temperature resistance</li> <li>* Time out feature for overheating</li> <li>* Light weight and durable handpiece</li> <li>* Extralong prebent needles and gutta perchha in the form of pellets or cannules</li> </ul>	
167	Impression Trays (Perforated, Assorted size, 0,1,2,3,4, sectional trays) (Upper & Lower)	Rim lock stainless steel trays. rigid, reusable trays recommended for putty wash technique & alginate impression. Used for dentate mouth Set of 8 trays: <ul style="list-style-type: none"> <li>• Impression Tray Dentulous Perforated Upper - U1, U2, U3, U4</li> <li>• Lower –L1, L2, L3, L4</li> </ul>	
		Upper	
		Lower	
		Sectional adjustable trays (Stainless steel, adjustable Impression trays)	
		Perforated edentulous trays - rigid, reusable, autoclavable trays	
		(Non-perforated) ☑ Aluminium trays for Complete Denture impression ☑ Assorted size, 0,1,2,3,4 Maxillary and mandibular impression trays	
168	Kocher artery forceps	Straight, ½ teeth, length 180 mm	
169	Kidney shaped tray	With half curled edges stainless steel, 150mm, 200, The length should be between 6 to 8 inches	

170	Kelsey fry bone chisel	Straight 150mm	
171	Kilner retractor	(Double ended, small blades 25mm and 20mm length 150mm	
172	Kilner scissors	Straight, Fine sharp points and rounded blades length 110mm	
173	Kilner skin hook	Complete in handle, length 140mm	
174	knife sharpner	Spencer knife sharpner	
175	Lagrange soft tissue scissors	15 cms long	
176	Lacron carvers	stainless steel high grade quality	
177	Lewin bone holding forceps	205mm	
178	Lead Gloves	1 pair of gloves should be made of powered form of lead.	
179	LED Projector	Full HD 1920 x 1080 with HDMI support	
180	Lecron Carvers	Stainless steel,double ended	
181	LED Handpiece for airtor Fibreoptic	TYPR PUSH BUTTON	
		STAINLESS STEEL,COPPER	
		RELATED PRESSURE 0.2MP	
		WATER SPRAY -TRIPLE SPRAY	
		CERAMIC BEARING	
		STANDARD CLEAN HEAD	
		OPEN TYPE CATRIDGE	
		BUR TYPE 1.59-1.60MN	
		2 HOLE AUTOCLAVABLE	
	Self generated LED airtor handpiece,		
182	Light cure unit	Light Cure Unit With Cord Digital LCD Display (LED based) With desired intensity greater than 1700 Aaw-cm2. Requised for rapid polymeritation when time is an issue should not produce residual heat.	
183	Laser for soft tissue	<ul style="list-style-type: none"> <li>• Diode lasers</li> <li>• Dimensions-4.4in x 5.7in x 6.5in</li> <li>• Weight-2.5 lbs</li> <li>• Power-10W</li> </ul> Wavelength- 940 ± 10nm <ul style="list-style-type: none"> <li>• Pulse Energy-20 KHz</li> </ul>	
184	Laser (hard tissue)	<ul style="list-style-type: none"> <li>• Er:YAG or Nd:YAG laser</li> <li>• Precise cutting tips'</li> <li>• Pulsed mode and regular mode</li> </ul>	
185	L-shaped Ruler	Wooden Scale	
186	LED xray view box	Should of LED type, should be able to accommodate at least 11 inchs x 14 inches radiographic film	

187	microtome (semi-automated fully)	<p>Solid base design, free of torsion</p> <ul style="list-style-type: none"> <li>• Vertical guide, free of backlash and equipped with high-end linear Cross-Roller-Bearings</li> <li>• Integrated switch panel with multifunctional graphic display</li> <li>• Feed and coarse feed movement performed by highly precise stepping motor</li> <li>• Automatic positioning return at the end of cycle</li> <li>• Automatic specimen retraction in return movement, switch off on demand</li> <li>• Memory key to store the section start position (3 positions)</li> <li>• Total travel indication of the horizontal movement</li> <li>• Electromechanical movement for coarse and fine feed movement</li> <li>• Setting wheel for value settings and display indication</li> <li>• Integrated and smooth running hand wheel, 360° lockable</li> <li>• Coaxial specimen orientation</li> <li>• Specimen clamp 360° turnable</li> <li>• Quick release system for all clamping types.</li> <li>• Precise cradle for knifeholder</li> <li>• Clearly arranged operating controls</li> <li>• All components and accessories are xylene resistant</li> <li>• Spaciously designed and integrated section waste tray, detachable volume: 1.5 liters</li> </ul>	
188	microtome (manual)	<p>Micrometer mechanism and coarse feeding system in an enclosed, ergonomically designed housing, Distortion free basic design, Vertical specimen movement on backlash and maintenance free cross roller bearings, Removable, integrated operating panel with backlit graphic display for the indication of selected section thickness, trimming thickness, section counter ,sum of section thicknesses and remaining travel to the front end position actual time and date, Fine section thickness feed via precision stepping motor from 0,5 to 100 micrometer; Upto 2 micrometer in 0,5 micrometer increments, Upto 10 micrometer in 1 micrometer increments, Upto 20 micrometer in 2 micrometer increments, Upto 30 micrometer in 5 micrometer increments, Upto 40 micrometer in 10 micrometer increments, Upto 100 micrometer in 20 micrometer increments, Trimming thickness feed via precision stepping motor upto 500 micrometer, Upto 10micrometer in 5 micrometer increments, Upto 100 micrometer in 10micrometer increments, Upto 200 micrometer in 20micrometer increments</p>	



189	Metal grinder, sand blaster, polishing lathe, vacuum investment equipment	<p>Dental high speed spindle / alloy grinder m-801 heavy duty motor hp-1, equipped with two ball bearing with high speed spindle rpm-24000 without suction.</p> <ul style="list-style-type: none"> <li>• Foot control and high intensity illumination.</li> <li>• Safety glass for glare elimination and visual protection.</li> <li>• Provision for connection dust collector suction.</li> <li>• Operating voltage 230VAC +/- 10% 50Hz.</li> <li>• Motor rotation at 20000rpm</li> </ul> <p>costs</p> <p>The swivel nozzle enables the unit to be used as an automatic or manual sandblaster for maximum application options in the laboratory</p> <p>Voltage :100 - 240V, 50/60Hz</p> <p>Class H filter, safety filter bag, suction hose with hand tube.</p> <p>Micro- sandblaster:-</p> <p>Provides the advantages of a microblaster and recycling sandblaster.</p> <p>Initial filling, Microblast media container, microblaster handpiece nozzle with LED lighting</p> <p>Filter module with Class H filter, Safety filter bag, Suction hose with hand tube.</p> <p>can be used in all kinds of cutting and polishing for various pint-sized metal, resin, or plastic work pieces and craftwork</p> <ol style="list-style-type: none"> <li>2. should be designed with integrated drilling bit and motor at the same time, and extending the useful time of the drilling pieces</li> <li>3. High rotation speed, fast cutting and grinding and low noise</li> </ol>	
190	Mouth Probe	Stainless steel bite blocks 3 size	
191	Magnifying glass	Should be of hand held type. Magnification factor should be a minimum of 3X. Glass having illumination with LED lights will be preferable.	
192	Mitchell trimmer	Double ended, length, 160mm	
193	McIndoe dissecting forceps	Fine serrated Jaws, longitudinally grooved handle, length 150mm	
194	Mouth Mirrors- metallic	Metallic with detachable handle. Handle should be made of stainless steel and the mirror size should be convenient for intra-oral examination	
195	Mounting plates for Hanau articulator	<ul style="list-style-type: none"> <li>• Hanau Whipmix Mounting Plates</li> <li>• Black colour</li> <li>• 10 pieces / packet</li> </ul>	
196	Milling Machine	<ul style="list-style-type: none"> <li>• 3 axis simultaneous operation for non-stop precision milling</li> <li>• Sturdy and efficient ball screw driven system</li> <li>• New C-clamp for easy adjustment and alignment</li> <li>• Compatible with implant microsurgery</li> </ul>	
197	Microtorch	<p>Self – starting instant electronic ignition</p> <p>Precise &amp; adjustable high temperature flame</p> <p>Safe design eliminates heat transfer to fingers</p> <p>Self-contained fuel source, truly portable</p> <p>-Pin type canister with high pressure premium fuel.</p>	

198	Metal suction	Sterilizable & reusable, Metal Suction Tip (2.0mm)	
199	Mean value articulator	Sturdy big size mean value articulator with detachable cast holding disc with provision for changing insized guide table(if possible)	
200	Microwave	Intello-wave technology anti bacterial cavity 32 ltr capacity	
201	Model trimmer	* Heavy duty equipped with ball bearings * Coarse / fine diamond cutting wheel * Wet trimmer	
202	Microtome disposable blade holder	High Profile 818, Leica	
203	Microtome Disposable Blades	Ultra Fine 80mm X 14mm X 0.35mm	
204	Micromotor	Single chip controlled system Light weight compact body dust-proof mechanism	
205	Metal Endodontic Posts	Size 0 (Small, Medium , Large) Size 1(Small, Medium , Large) Size 2 (Small, Medium , Large) Diameter    length Length No. Ø1.05        8mm 9.5mm 12mm Ø1.20        8mm 9.5mm 12mm	
206	Multichromatic Presable Ceramic blocks	Pressable ceramic crown and laminate	
207	Mani burs	TR 13SC TR 21SC TF31SC TF12SC FO32SC BR 31SC TR62C TR13C WR13C BC31	

		BC32	
		BC42	
		EX26	
		EXSS13	
		D1SS41	
		EXSS33	
		TFS22	
		TFS21	
		TF21	
		PRO3F	
		EX21F	
		FO40EFFF041EF	
		PRO2EF	
		TRS14EF	
		CR12EF	
208	MTA Carrier	Use ProRoot MTA for: Apical plug during apexification Repair of root perforations during root canal therapy Treating internal root resorption Root-end filling material Pulp-capping material	

209	Mobile Dental Van	<p>1. Mobile Van : Mobile Dental Van having 3940mm wheel base over all length 7295mm Clinical compartment length 160 over all width approx 2100 mm internal width 6ft 6 ubcg Internal height 6ft 3 inch cowl chassis 6 tyres with internal provision like Driver partition sliding window wash basin seats , water tank(50 liters) 4 fans, foot steps-cum ladder.</p> <p>1. ELECTRICALLY OPERATED DENTAL CHAIR</p> <p>a) Electrically operated b) Basin to be fixed inside the Bus c) Wheel Mount Trolley Fitted with : Eloectrically operated multi programmable dental chair Unit fitted with scnsor operated dental light with two intensity Auto water connection for spitton and tumbler light &amp; low vacum motorized suction with Auto Drain &amp; Auto flush System. Two Airotor points and One libreoptic twin beam ultrapush quick change Hps, Mighty brushless Micromotor with 35,000 rpm high torquc built in safety device fransparent water boster, 3-way syringe- two nos. multi functional foot control stainless steel instrument tray &amp; x-ray viewer and operators stool, Airotor super tonquehandpiece 9NSK0 1 nos. LX-Vi straight Handpiece (NSK0 1n NAC-ConrtriangleHps (NSK) 1n EMS scaler with 3 scaling tips one 3-way syringe Monoblos Oil free medical grade 0.75 HP wether with radiator cooling fan drier &amp; filter.</p> <p>DENTAL X-RAY UNIT Dental X-ray Machine 70 Kv. 8ma with Digital Arch timer Scissor Arm (Gnd Type tube Head-Blue x Italy/) with day light manual develper, clip hanger with 10 clips loose clips 5 nos.</p> <p>3. AUTO CLAVE Autoclave Automatic, High Speed instrument Akutoclave with Dry Cycle Fully Automatic Micro processor based control tube top, front loading Autovlave with highly accurate pressure control switch The complete sterilization chamber is mode of stainless steel tested for high pressure. Auto equalizer of pressure in the Chamber for easy opening the Unit is coated with Heat cure Epoxy paint. Supplied with the following Accessories</p>	
210	Mouth Mirror with handle	Single sided mouth mirror head of size 4/ 5 mounted on stainless steel handle.	
211	Magnification loupes	<ul style="list-style-type: none"> <li>* Magnification between 2.5x- 3x</li> <li>* Variety of working distances</li> <li>* Wide field of view</li> <li>* Deep focus field</li> <li>* Flip up function for unobstructed vision</li> <li>* Light source- powerful LED with integrated temperature control and 3-step intensity control</li> <li>* Addition battery charger and adapter</li> <li>* Optics- Galilenean design</li> </ul>	
212	Micro-implnts	<p><b>Titanium - selfdrilling (ISO standard) Hexagonal head;</b></p> <p><b>tapered neck 1.4 x 8mm</b></p> <p><b>1.6 x 8mm</b></p> <p><b>1.6 x 10mm</b></p> <p><b>1.6 x 6mm</b></p>	
213	NTI Polishing kit	ALL SHAPES	
214	Needle holders	<p>12cm long, locking pattern, T.C/Diamond topped</p> <p>Jaws should be serrated. Size of the needle holder should be 14cm</p> <p>15cm long, locking pattern, T.C/Diamond topped</p> <p>18cm long, locking pattern, T.C/Diamond topped</p>	

215	Needle destroyer	Should be lightweight, portable and Should provide a removable discharge tray made for easy disposal of syringe hubs. Should have the provision to burn the needle & to cut the syringe tips. Should be able to destroy needles of type up to 18G. Should have a Power On/Off switch and an indication for power. Should be properly insulated for the protection from electrical hazard.	
216	Broadrick Occlusal Plane Analyzer	<ul style="list-style-type: none"> <li>• used for analyzing the Curves of Spee and Wilson to develop an acceptable curve of occlusion.</li> <li>• used in conjunction with Hanau™ and Denar® Ar- ticulars.</li> <li>• consists of <ul style="list-style-type: none"> <li>(1) Card Index 142-101,</li> <li>(1) Bow Compass 142-1001 with graphite leads, an extra center point and a needle point,</li> <li>(1) Scribing Knife 142-3201 and (12) Plastic Record Cards 142-3401.</li> </ul> </li> </ul>	
217	<b>Orthodontic Pliers</b>		
	Archwire Cutter	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Bird Beak Plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Weingart (Labial)	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Ligature Cutter (Labial)	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Distal end cutter	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	

Anterior Debonding plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Mathieu Needle holder	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Canine contouring plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Separator placing plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Wire Tucker	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Bracket holding plier	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	
Curved Artery Forceps	<ul style="list-style-type: none"> <li>Autoclavable</li> <li>CE certified</li> <li>Carbide tips</li> <li>Ergonomically designed</li> <li>Precise joint alignment</li> <li>Smooth action in hand</li> <li>Long handle</li> <li>Shiny satin surface to reduce corrosion</li> </ul>	

	Band Removing pliers	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Band pusher	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Band contouring plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Straight Howe Plier orthodontic plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
	Ribbon Arch Plier orthodontic plier	Autoclavable CE certified Carbide tips Ergonomically designed Precise joint alignment Smooth action in hand Long handle Shiny satin surface to reduce corrosion	
218	Ostetome	Curved, wide 6mm,length 180mm	
219	Osteotome	With 6mm,4mm,8mm length 125mm	
220	Obwegeser pterigoideus chisel	Hard edge Length 234 mm 10mm width	
221	Oxygen Cylinder	4.5 litre	
222	Occlusal Measurement Plane	Triangular shape	
223	Peeso reamers	Size(1-6) ISO sizes: 50-170	

224	Portable intra oral xray machine	Should be hand held, battery operated. The machine should have settings for mA and Kvp. And adjustment for exposure timings. Machine with indicator for angulation will be preferred.	
225	Photographic equipments 1. Tripod 2. Reflector 3. Ring Flash 4. White back ground screen (All compactable with the DSLR)	<ul style="list-style-type: none"> <li>• DSLR Camera Foldable Z Tripod Flex Pan Tilt Ball Head Portable Desktop Stand</li> <li>• Z-SHAPED TILT HEAD</li> </ul>	
226	Preclinical working table	Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool. Lab micro motor with attached hand piece. Gas connection	
227	Public adress system	High performance dual channel wireless microphone- Two Separate volume control for both channels Two handheld dynamic transmitters, each operating on 2 × 1.5V AA pencil cells Receiver operates on 12V DC through an AC adaptor. 1 Amplifier for 2 Microphone inputs with both AC & DC options	
228	papoose board (small, midium, large)	<p>Small:- Weight - 13.35 Lb 6-16 kg Height - 20-40in 50-102cm</p> <p>Regular:- Weight - 30-50Lb 13-23 kg 30-50in 89-127cm</p> <p>Large:- Weight- 70-200 Lb 30-9 kg 50-70 in 127-191 cm</p> <p>Dimension:- small 6.75 inch wide x 29.5 inch long Regular:- 10.75 inch wide x 37.75 inch long Large:- 11.75 inch wide x 8.25 inch long</p> <p>Weight:- small 4 Lb Regular 5Lb Large 8 Lb Extra Large 13Lb</p>	
229	Pressure sensitive probe	For force sensitive (0.2N) and standardized periodontal probing. Thin plastic body handle (5gm), with changeable tips. With CPI probe markings (o.5mm ball tip and black band between 3.5 to 5.5 mm, black rings at 7.5 and 11.5 mm. Autoclave compatible.	
230	PKT carver set	For carving inlay wax pattern for crown and bridge	
231	Periodontal probe	Should have the following markings 1mm, 2mm, 3mm, 5mm, 7mm,8mm,9mm and 10mm	
232	Punch biopsy tool	Should be of sizes of 4 mm and 5 mm in diameter should be disposable in nature.	



233	a. Radiovisiography sensor b. Portable Xray Machine with Laptop	<p>Radiovisiograph (RVG):- Compatible with any X-ray system that reduces the complexity in X-ray and Sensors combination. Image will be displayed on the screen within seconds gives more time for diagnosis. Complete image throughout the active area. Fiber optic filter protects the CCD chip and gives clear images with small pixel size of 20 microns The sensor is with no sharp edges, allow easy and safe patient positioning Easy Horizontal and Vertical Positioning sensor with minimum active area – 600 mm<sup>2</sup> Outer dimension app. 35-40 mmX25-30mm. Pixel size : 20 µm x 20 µm Thickness of the sensor should be less than or equal to 5 mm Spatial resolution approx. 20-25 line pairs/mm Dimensions of CCD Sensor S1: 36 x 23 x 5 (W x H x D mm) Active Sensor Surface: 20 x 30 (W x H mm) Number of pixel: 1500 x 1000 = 1500000 Length of cable (m): 2.5 Stability: 400000 images b. Portable X-ray Specifications: mA range : 60 mA, light weight, kV range : 40 kV to 90 kV. Should have digital display of mAs and kVs. Microprocessor controlled high frequency, output 15 kW or above.</p>	
234	Portable Hand X ray Machine	<p>1-It should operate in DC current preferably. 2-Output KV-70Kv, DC. 3-Tube current-2.3mA, fixed. 4-Exposure time-0.01s to 1.0s. 5-Focal spot-0.4mm, IEC. 6-Cone length-200mm fixed. 7-Weight should be within 3 kg. 8-Shuold be covered under warranty.</p>	
235	Polishing lathe	Heave duty continous rating, dual working side, Vibration free low noise with drill chuck. Buffing cone grinding stone, ¼ hp motor with 2800 rpm, 230 v,	
236	PAP Pen	Used for 500 times	
237	Portable PA system	With microphone bluetooth/ Audio outputs 20 watts	
238	Porcelain Veneer Kit	Porcelain Veneers	
239	Plastic spatulas	For Alginate mixing	
240	PKT Instruments	NO1.2.3.4.5.	
241	Plaster dispensers	One each for plaster and stone	
242	Plastic filling instrument teflon coated	for dental use	
243	Pulp Tester	<p>* Preset speed mode * Gentle pulsed stimulus * Specifically designed for patient comfort Autoclavable probe tips for various areas of the tooth * Digital display</p>	

244	Research microscope with phase contrast, dark field, polarization	<p>European CE certified / USFDA approved</p> <ul style="list-style-type: none"> <li>. Research Trinocular Microscope - infinity corrected optical system.</li> <li>. Research Microscope frame with long life LED illumination with co axial coarse &amp; fine focusing mechanism.</li> <li>. Microscope should have an upper limit stopper for high magnification objectives to secure objective from hitting the slide.</li> <li>. Siedentopf type trinocular eyepiece tube with inclination angle 30 degree or better.</li> <li>. Pair of wide field eyepieces 10x with minimum 22 mm field of view.</li> <li>. Sextuple revolving nosepiece with double slide holder.</li> <li>. Universal condenser for BF/Phase contrast/ dark field (up to 40x), with built -in aperture iris diaphragm.</li> <li>. Dust cover, power cable and immersion oil minimum 30cc</li> <li>. Plan achromat objective 4x, 10x phase &amp; 20x. plan fluorite/semi apochromat 40x, 100x oil - both with phase contrast.</li> <li>. A set of polarizer &amp; analyzer.</li> <li>. Eyepiece micrometer &amp; stage micrometer.</li> <li>. Fully compatible for Bright field, phase contrast as well as immunofluorescence imaging and analysis with features for overlay multiple images, document groups for side by side image comparison. Touch count/ object count facility to count objects, make several classes and name them and export to excel files or workbooks. FI. Channel Merging and extraction, Time-lapse imaging at specified interval, manual multiple image alignment based on live image, manual z axis imaging, geometry / combine/filter processing, multiple image stitching , phase analysis, region and line measurements, documentation and collaboration. User experience customization, movie playback, tile view, snap/movie acquisition, manual EFI imaging, views of 3D images, interactive measurements.</li> <li>• All quoted specifications should be supported by technical literature/brochures. The quoted microscope should be on-site upgradable</li> </ul>	
245	RESILIENT RINGS FOR OVERDENTURE ATTACHMENT	Rings of different thickness for ball attachment	
246	Reverse langenbecks	With 14cm, depth 45cm, tip curved outward	
247	Rubber Dam	Thickness 0.2mm (Color : Green) Non flavor Size: 6 inch	
248	Ridge split kit (Compactable with osstem implant kit)	<p>Ridge splitting without Malletting ·</p> <p>Capable of securing strong initial stability at Ridge Split operations, that allows immediate loading ·</p> <p>· Safe expansion without breaking the Buccal plate</p> <p>· Possible to place Ø4.0, Ø4.5 fixtures even in narrow ridges</p> <p>Contains –</p> <ol style="list-style-type: none"> <li>a) Crest removers</li> <li>b) Initial drills</li> <li>c) Ridge split discs</li> <li>d) Expansion drills</li> </ol>	
249	RVG Protective sleeves	16.6 x 4.4 x 4.2 cm; 100 Grams	
250	Rubber bowl	flexible rubber bowl small	

251	Radiovisiography (RVG)	<p>Radiovisiograph (RVG):-  Compatible with any X-ray system that reduces the complexity in X-ray and Sensors combination. Image will be displayed on the screen within seconds gives more time for diagnosis. Complete image throughout the active area.  Fiber optic filter protects the CCD chip and gives clear images with small pixel size of 20 microns  The sensor is with no sharp edges, allow easy and safe patient positioning  Easy Horizontal and Vertical Positioning  Dimensions of CCD Sensor S1: 36 x 23 x 5 (W x H x D mm)  Active Sensor Surface: 20 x 30 (W x H mm)  Pixel size (µm): 20 x 20  Number of pixel: 1500 x 1000 = 1500000  Theoretical resolution (LP/mm): 20  Length of cable (m): 2.5  Stability: 400000 images  Computer system with Laser Printer  - Core i5 processor 2.4 GHZ  - RAM – 4 GB</p>	
252	Radiation Dosimeter	Thermoluminescent dosimeter	
253	Restorative instrument kit		
254	R.C.T Instrument kits		
255	Scalers	<p>ULTRASONIC with ti alloy handpiece  water control switch  Automatic frequency tracking  Single chip controlled system</p>	
256	Stainless steel kidney trays	Stain less steel	
257	Stainless steel scissors (curved and straight)	Stainless steel	
258	Straight and cruved spatula	Stainless steel	
259	Spot welder	<p>Operates on 220V  All switches on frontal panel for easy operation  Main cable very flexible and ISI marked  Welding strength, welding pressure and electrode shape satisfying clinical norms.</p>	
260	Sialographic Cannula	<p>Should be autoclavable and reusable  Should have a safe ended tip with side vent hole for exit of the dye.</p>	
261	Speaker and microphone for presentation	Loudspeaker With Microphone And Digital Display SD Card USB & AUX Cable Support	
262	Stereomicroscope	<ul style="list-style-type: none"> <li>• Advanced Model</li> <li>• Ultra-Wide Zoom Ratio (16.4:1) and High-Resolution</li> <li>• Advanced Fluorescence Observation</li> <li>• Have Binocular head (two separate eyepieces)</li> <li>• Two separate objectives.</li> <li>• Three-dimensional view.</li> <li>• Uses natural light from specimen (natural light reflected from it)</li> </ul>	
263	spencer knife	Spencer knife	

264	Set of hand instruments	Mouth mirror front surface with detachable handle. 2. Explorer (straight and cowhorn type) 3. Tweezer 4. Spoon excavator 5. Cement spatula 6. Agate Spatula 7. Set of teflon coated composite filling instrument. 8. Plastic filling instrument	
265	Suction machine	High vacuum Suction Housing: Spot welded, Oven backed cabinet Capacity:-700 mm Hg $\pm$ 10 regulable, flutter free vacuum control knob, 45 Ltrs. / min Pump Type; Double rotary vane pimp. Jars: Wide mounted 2 x 2 Ltrs. (polycarbonate) with self sealing bungs and mechanical over flow safety device. Tubing: 10 mm ID x 2 mtr (PVC) Vacuum Gauge: Bourden type 10cm. Dia. 0-760mm Hg calibration. Power: 230V, 50 Hz, 4 $\pm$ 0.5 Amps, 430 watts. (110V on request) Noise Level: 50 dB A $\pm$ 3 Almost whispers	
266	Suction canula	3mm, 4mm, 5cm, 40cm.	
267	Spreader	230cm long, width of working tip 13cm	
268	Sterilizing tray	Perforated, Anodised aluminium, 300 x 558 x 63 mm	
269	Scoop	Double ended, 7 x 4mm and 5 x 3mm length 178mm	
270	Stainless steel Long blade spatula	For mixing zincoxide euginol mixing	
271	SHOFU tooth preparation burs	For crown preparation	
272	Scissors -curved, straight	For endosseous implant surgery- 15 cm long	
273	Stainless steel Impression Trays – Dentulous:	Metallic perforated maxillary and mandibular Dentulous trays (no Rimlock border) of following sizes :-  Size – 0, Size – 1, Size – 2, Size – 3 & Size – 4	
274	Stainless steel Impression Trays – Edentulous	Metallic non-perforated maxillary and mandibular Edentulous trays (no Rimlock border) of following sizes :-  Size – 0, Size – 1, Size – 2, Size – 3 & Size – 4	
275	Sectional Impression Tray	Perforated metallic trays for impression of small dental arches and paediatric cases	
276	Suction tip	Metallic suction tip no 2,3 and 4	
277	Steel Bin	Stainless Steel Body	
278	Straight handpeace micro moter	(Marthon Model)	
279	Stethoscope (Child)	Double sided chestpiece ,smaller 3.3 cm diaphragm ,high acoustic sensitivity with both a floating diaphrgam and an open bell, soft sealing ear tips	
	Stethoscope (Adult)	Single piece diaphrgam dual head and high acuostic sensitivity	

280	Slide cabinet	Storing capacity of 10,000 slides Made up of ply board sheet laminated with sun mica with anodised Aluminium slide tray holding 75x25 mm slides  Storing capacity of 10,000 slides	
281	Surgical tray with cover	10 x 12 square cm	
282	Surveying Tools	Analysing rod, carbon marker, undercut guazes	
283	Spring balance	0.01 0.02 0.03 0.04 0.05	
284	Shade guide	* All natural tooth shades to be accurate and systematic. * Shades of bleached teeth to be available. * Set according to colour spatial sorting theory. * Determination of tooth in 3 steps.	
285	Strip Crowns	Provisional crowns	
286	Surgical Flap Retractors	AUSTIN AND MINNESOTA	
287	Surgical Trays	6,8,10,12 INCHES 8x6 " 9x6" 10x8" 12x8" 12x10	
288	Sinus lift kit	2.8mm	
289		3.5 mm 4.2mm	
290	Sample collection pot	Wide mouthed Plastic bottles with plastic cap, dimension- 4 cm length & 3.5 cm diameter	
291	Stainless steel bowel and bowel stand	Single bowl stand. Size of the bowl may range from 30cm to 50cm. The stand to be mounted on wheel.	
292	Surgical scissor	Should be stainless steel, Ring scissors, should be of Littauer scissor type, Length may range from 10cm to 15 cm.	

293	Surgical endo kits	<ul style="list-style-type: none"> <li>• Micromirrors( 2mm, 3mm and 4mm width)</li> <li>• Microexplorer with 2mm tip bent at 90 degree on one end and 130 degree on other</li> <li>• 15c blade</li> <li>• Blade handle - stainless steel</li> <li>• Periosteal elevator</li> <li>• Microblades</li> <li>• KimTrac retractors with variable widths</li> <li>• Austins retractor</li> <li>• Surgical straight handpiece</li> <li>• Lindemann bur.</li> <li>• Mini endodontic curettes .</li> <li>• Ultrasonic tips - piezoelectric tips - KIM SURGICAL TIPS NO 1-5.(Kis Tips)</li> <li>• JET-TIPS 2mm, 3mm, 4mm and 5mm.</li> <li>• Stropko irrigator</li> <li>• Micropluggers (2mm and 4mm diameter)</li> <li>• LaschalMicroscissors.</li> <li>• Castroviejo needle holder</li> <li>• Bone file</li> <li>• Bone ronguer</li> <li>• Microburnishers.</li> <li>• MTA carrier.</li> </ul>	
294	TENS Machine	Channel – Dual	
		Intensity - 0 ~ 80mA	
		Wave form - Asymmetrical.	
		Should be able to work on external power source or on batteries on or both.	
		Pulse Rate should be a minimum of 1Hz and maximum of 20	
	Should have timer function.		
295	Tonsilar artery forcep	Long handle	
296	Three point articulator	Plain line with average condylar guidance and incisal guidance.	
297	Tweezers	Metallic instrument to hold the dental material	
298	Tissue cutting scissors	Dissecting Scissors 5 ½ " straight and curved	
299	Trolley	For minor surgical procedure	
300	Thermoplastic Sheets For Splints (Flexible)	1mm	
		1.5mm	
		2mm	
		3mm	
		4mm	
		Or 0.035 "	
		0.060"	
0.080"			
301	T-Burnisher	Double Ended TB2 #1 OR #3NO	
302	Tissue storing cabinet ( frozen)	Dimensions 24.4 (w) x 5.3 (D) x 5.1 (H) in 62.0 (w) x 13.5 (D) x 13.0 (H) cm weight 2.6lbs (1.2 kg) Componets 12 staining dishes with Lids 1 12-unit metal carrier 1 Drain Tray Cover Regulatory status IVD, FDA Class I	
303	Trauma set including bone plating kit	With all instruments	
304	Tissue holding forceps	Should be made stainless steel. Size 12cm (Tp41)	

305	Tongue retractor	To the stainless steel, university of minnesota retractor type (140mm).	
306	UV Sterilizer	S.S. Chamber with 12 S.S Trays Emits UV light Door switch interlock prevents emission of UV light as soon as the chamber is opened to avoid any harmful effect on operator Electronic circuit for instant start of tube	
307	Ultrasonic endodontic irrigation activator	Endo activator handpiece 1 x small (25), Medium (25), Large (25), Activator tips (75 tips total)	
308	Ultrasonic cleaner	Should have outlet for drainage of waste fluid. Should be electrically operated. Basket for instrument holding should be provided along with it . basket may be made of plastic or stainless steel. Power supply 100 -500 W-AC 220-240V,50/60Hz. Digital display of functions are optional	
		6 ltr capacity	
		13 ltr capacity	
309	Ultrasonic scaler	Piezoscaler with different scaler tips. PiezotronicScaler – 1 no Piezotronicscaler 28 to 32 KHz frequency, Autoclavable Hand piece, total control is micro processed based control unit. Sleek hand piece. The scaler is supplied with 2 tips	
310	Variable Intensity polymerization equipments	<ul style="list-style-type: none"> <li>• Maximum power supply due to lithium polymer battery with highest capacity.</li> <li>• Three adjustable curing times ensure efficient and reliable operations</li> <li>• Controlled light curing due to adjustable curing times .</li> <li>• Universal program for intuitive 1 button operation and uncomplicated handling.</li> </ul>	
311	Vaccum forming machine	<ul style="list-style-type: none"> <li>* Quick and practical</li> <li>* Preparation and delivery of the tray to the patient in a single session</li> <li>* Universal adapter for round and square plates of different dimensions, thickness and materials.</li> <li>* Automatic vacuum activation</li> </ul>	
312	Vibrator	<ul style="list-style-type: none"> <li>• Semi automatic</li> <li>• Mild steel body</li> </ul>	
313	Vernier Calipers	RANGE 125MM	
314	Volkman scoop	Stainless steel ,double ended	
315	welder	Operates on 220V All switches on frontal panel for easy operation Main cable very flexible and ISI marked Welding strength, welding pressure and electrode shape satisfying clinical norms.	
316	Wash bowl	Stainless steel, with sloping side and open hygienic curved edges, 305 mm diameter 135 mm deep, 7000ml.	
317	Wire cutters	Tungsten carbide jaws 180mm	
318	Wire twisters (lawson-taits)-14cmlong, light weight.	Tungsten carbide 71 / 4" , 18 cm –wire Twisting forcep W.T.C	
319	Wax block storing cabinet	5000 capacity 30 drawer system, 11 x 12 x 6 inches Steel cabinet, drawer made up of polypropylene	
320	Weighing machine with attached height measurement	Digital display for weight	

321	Warwick james straight elevator	6" length	
322	Wax spoon	high grade stainless steel of medical grade quality	
323	Wax Spatulas	Stainless steel Double sided	
324	Wax Knives	WOODEN HANDLE	
		STEEL ENDED	
325	Water Distiller	FOR 4 LITRES	
		MANESTY TYPE	
		STAINLESS STEEL 304 GRADE SHEET	
		BRASS METAL COCK WITH WALL MOUNTING CLAMP	
		WORKS ON 220-230 V AC SUPPLY	
		3 KW HEATER LOAD SUPPORT	
326	WHO probe	SS metal probe with 0.5mm round tip design and black band from 3.5 to 5.5 mm and black rings at 7.5 and 11.5 mm . Autoclave compatible.	
327	X Ray Viewer	Metal framed, Acrylic Sheeted power 12 v, High glossy LED ball with plastic clips for x ray film holding.	
328	ZOE MIXING SPATULA	Stainless steel double sided	