

E- Tender notice no. RIMS/Stores/ME(4)/ 8646 Dated 12.12.2017

## **NOTICE INVITING E-TENDER**

#### FOR SUPPLY & INSTALLATION OF DENTAL EQUIPMENT IN DENTAL INSTITUTE, RIMS, RANCHI.

e-Tender for supply and installation on turnkey basis for Dental Equipments is being invited in two bid system (Technical bid & Price Bid) from the original equipment manufacturer or experienced authorized dealer only through e-tender process.

Α.	Important dates for Tenders	
1	Date of uploading of sample tender document on website.	26.12.2017 (The intending bidder may visit RIMS website: <u>www.rimsranchi.org</u> & also on NIC website : <u>www.jharkhandtenders.gov.in</u>
2.	Pre bid meeting for discussion on various technical issues regarding terms, conditions & specification etc.	On 16.01.2018 at 12:30 P.M in RIMS administrative conference hall. All the intending bidders must attend the pre-bid discussion meeting for clarification of their queries & requirements of RIMS, No claims will be considered after pre-bid meeting and finalization of tender documents.
3.	Date of uploading of final tender documents with amendments in sample tender paper, after pre-bid discussion meeting.	On 25.01.2018 (The intended bidder must download the final amended tender document & they have to bid in accordance to final tender paper). The bidders have to submit demand draft for Rs. 5000/- in favour of "Director, Rajendra Institute of Medical Sciences, Ranchi" in original at RIMS office as cost of tender document & DD of Rs. 1,00,000/- (Rupees One Iac) as EMD.
4	Date of Start for submission of e-Tenders	02.02.2018 from 03:00 P.M
5.	Last date of submission of e-Tenders	On 14.02.2018 till 04.30 P.M
6.	Opening of technical bid	On 19.02.2018 at 12:30 P.M. All the bidders must have to confirm the submission of original demand draft for tender documents cost & EMD (as mentioned in tender document) at RIMS, Ranchi. Latest by 04.30 P.M. on or before 17.02.2018. The e-tenders of only those bidders will be opened, whose demand drafts will be submitted on due dates.

**Note :** 1. For details of tender terms, conditions & specification please visit RIMS website : <u>www.rimsranchi.org</u> or <u>www.jharkhandtenders.gov.in</u> from 26.12.2017 for sample tender paper to attend the pre-bid meeting.

2. Before participating the pre bid the bidders may physically visit Dental Institute, RIMS and if needed they may discuss with Principal, Dental Institute, RIMS, Ranchi regarding their queries.

3. In case on any of the above last date, if announced government holiday, the tender process will continue on the very next working day on the same time and venue.

Sd/-Director Rajendra Institute of Medical Sciences Ranchi



E-Tender notice no. RIMS/Stores/ME(4)/ 8646, Dated 12.12.2017

# Sample Tender paper for supply & installation of Dental Equipments of Dental Institute,m, RIMS, Ranchi

Downloaded by:

M/s \_\_\_\_\_

Signature & Seal of Bidder

# E-Tender for supply & installation of Dental equipments & instruments, Dental Institute, RIMS, Ranchi.

To, M/s \_\_\_\_\_\_

Dear Sir,

Director, Rajendra Institute of Medical Sciences, Ranchi invites you to tender for supply & installation of equipmentsw & instruments of Dental Institute as mentioned hereunder including civil / mechanical / electrical works (if any) required for installation of these equipments on turnkey basis.at RIMS, Ranchi.

The conditions of contract which will govern any contract made are as under. Any special conditions attached in tender will also be part of the conditions

If you are in a position to quote for supply & installation in accordance with requirements stated in tender notice & tender form, you must also furnish all the information called for, along with your tender.

This tender is non transferable.

All legal matter in respect to this tender will be subject to jurisdiction of Hon'ble Jharkhand High Court, Ranchi.

The last date of submission of online tender paper only through e-tenders : 14.02.2018 latest by 4:30 p.m.

Note :- The list of equipments or items with required specification is ecnsloed with this tender document.

The bidders have to submit tender document fee @Rs. 5000/-. Without tender fee the tenders will not be entertained. Similarly the bidders also have to submit the EMD in form of Demand Draft of Rs. 1,00,000/- (One Lakh) only in favour of Director, Rajendra Institute of Medical Sciences, Ranchi.

Yours faithfully

Sd/-Director Rajendra Institute of Medical Sciences, Ranchi

# **General Terms & Conditions**

- 1. The terms and conditions mentioned in tender notice no. 8646 dated 12.12.2017.
- 2. The tender should be submitted online with specification, literature, leaflet along with catalogues etc. leaving no room for back references.
- 3. Bids are to be submitted in two parts viz. (A) Technical Bid containing complete technical aspects including technocommercial documents, catalogues, literature, leaflets, undertakings, Affidavit etc., except price bid & (B) Price Bid containing price elements only.
- 4. Technical Specification should be in the proforma / format given below :

<u>A.</u> <u>Technical Specification Proforma for department of ...... (for Major Equipments)</u>

SI.	Required technical	Tenderer's detail technical	Remarks or any other
No.	specification as	specification of the equipment	extra advantaves of
	mentioned in tender form	or complete system for which	the quoted model or
		they are quoting	attachments (if any)

**Note:** In their offers, the bidders must have to mention clearly the supporting items or consumables required (if any other than the complete job) to run the system in the pre-bid discussion meeting, otherwise the bidders have to provide all the consumables without any extra charges after finialisation of tender process.

#### **B.** Tenderers Technical Details of turn key works

i. Civil /Electrical/Mechanical / furnishing etc works to be done (if any) by the bidders under turnkey project.

SI.	Tenderer's detailed item list/work list (the bidders	Quantity offered by the tenderer
140.	have to specify and mention term wise list, ety,	Chacici
	measurements etc in details of turn-key works)	

#### ii. Electrical works : (If any required under turnkey)

SI. No.	Tenderer's detailed item list/work list	Quantity offered by the tenderer

Note :

1. All the electrical items including Air conditioning, UPS, Voltage Stabelizers, Switches, inner room wiring, earthing etc. will have to be supplied & installed by the tenderer under turn-key for smooth functioning of their supplied items.

#### iii. Furnitures works : (If any required to run the machines under turnkey)

SI. No.	Tenderer's item list	Quantity offered by the tenderer

1. Before quoting the tender & before participating in the meeting the tenderers must have to visit the sites & they have to discuss with authority for location & confirmation of site working site.

2. Before finalization of the tender, if needed by the technical committee, the tenderers have to arrange on site practical demonstration of their quoted machines (major equipment) to the members of technical committee on any of their pre installed sites on tenderer's own cost.

Full signature of the tenderer with seal Designation : ...... Dated : .....

# 5. Price Bid Proforma / Proforma of BOQ : Rates are to be given in Rupees (INR) only.

SI. No.	Item descri ption	Item code	Qty	Units	Basic Rate	Excise Duty	GST	Freight charges	Any other taxes	Total amount without	Total amount with
1	Name of Item									lax	lax
1.01	With five years comprehensive warranty of Complete Equipment	01	01	Nos							
1.02	Turn-key works										
1.03	CMC after 5 years warranty (CMC applicable for equipments having value more than Rs. 50000) each - 6 <sup>th</sup> Year										
1.04	7 <sup>th</sup> Year										
1.05	8 <sup>th</sup> Year										
1.06	9 <sup>th</sup> Year										
1.07	10 <sup>™</sup> Year										

#### Note :

- 1. Comprehensive guarantee/warranty must be with all accessories, spares, labour charges and maintainance of turnkey works.
- 2. Similarly CMC will be with all accessories, spares, labour charges and maintainance of turnkey works.
- 3. For machine & equipments Price of C.M.C. for five years will also be considered during price comparative evaluation without CMC, the tender will be rejected at the time of evaluation.
- 4. For equipments having lower price value than Rs. 50,000.00, only 5 years warranty is required, these equipment do not require further CMC.
- 5. Warranty as well as CMC will cover (inclusive of) all spares, accessories & turnkey works and it will also cover :
  - i. X-Ray, C.T. tubes, Magnets, high tension cables etc.
    - ii. Helium replacement
    - iii. Any kind of motor
    - iv. All Plastic & glass parts including bulbs, tubes, cables etc.
  - v. All kind of sensors
  - vi. All kind of coils, magnets, probes, transducers, cuffs, paddles, cables, chilling materials, coolants, chart recorders, patient circuits, tube, bulbs, electrodes, humidifiers, sensors, cassettes, printers & images, UPS including the replacement of batteries, Air-conditioners, fuses, transformers, monitors, cameras, stabilizers, furnitures, aprons, badges, radiation accessories, software & Hardware, chambers, phantoms & other accessories (if any) will be supplied & installed by the bidders without charging any extra cost under warranty & C.M.C.
- 6. During warranty as well as CMC period, the contractors have to supply or replace all the accessories like Probes, Transducers, Cuffs, cables bulbs, nobs and all other consumables or disposables required to run the machine (other than films, papers) without any extra charges.

In case if the bidders require to mention their disposable as chargable then they have to confirm the life of their disposables or reusables life of the same in respect to time or number of uses. Their such items will be compared during price evaluation. If they do not quote any such items in their bid, then it will be assumed that they have quoted their rates with all such items to run the machine for for further 10 years from the date of installation. No extra payment from RIMS will be done in such case.

Full signature of the tenderer with seal

Sd/-Director Rajendra Institute of Medical Sciences Ranchi

Name (in capital letters) Designation

- 7. List & specifications of equipments :- Separate list is enclosed herewith this tender documents. All the bidders have to get it confirmed at the time of purchase or during downloading of tender documents.
- 8. The tenderers have to mention clearly the names and technical specifications of the relevant accessories which they will supply along with the main equipment, free of cost in their technical bid.
- 9. The price should be inclusive packing, carriage & installation cost.
- 10. The total cost of each equipments should be quoted in figures and words.
- 11. The price quoted should be valid for at least two years from the date of opening of tender.
- 12. The intending tenderers should produce the copy of manufacturing registration certificate. In case of authorization original authorization certificate issued by the manufacturer in the name of Director, RIMS, Ranchi. The authorization must be valid at the time of tender opening.
- 13. The tenderer must enclose registration certificate of Jharkhand GST or If the bidding agency is not registered under Jharkhand Sales tax (JGST) department then they must give an undertaking through notary affidavit that "They will supply & install the equipment/items at fixed destination after payment of JGST/Jharkhand Sales tax on their own & they will make their own arrangements for customs clearance in case of imported equipments. They shall not demand any document from Director, RIMS for clearance or duty exemption/waiver/relief in this regard."
- 14. The tenderer should furnish the warranty / guarantee period of the complete system.
- 15. The tender without EMD & without tender cost will be ignored straightway.
- 16. Incomplete tender will be summarily rejected.
- 17. The EMD will be refunded in full to the unsuccessful tenderers after finalization of tender and in case of successful tender, the EMD will be refunded only after expiry of warranty / guarantee period.
- 18. The full EMD shall be forfeited in case of backing out of the offer after acceptance.
- 19. The successful tenderer have to supply the items in accordance with the specification as finalized and approved by the purchase committee.
- 20. If there is any need then the bidders have to do the construction or modification works by their own including all mechanical, electrical, plumbing wroks etc. as per requirement of their quoted equipments for fully functioning of the complete project including all the equipments or for all the machines under the turnkey project. They have to quote accordingly. No consideration regarding extension of work or escalation of rates will be made after finalization of tender.

Full signature of the tenderer With seal and date

Designation.

21. Contractor Form 'A'

Telegraph Address :- .... Telephone No. : ..... Telex No. : .... Fax No. ....

From

(Full name and address of the tenderer)

То

The Director Rajendra Institute of Medical Sciences, Ranchi.

Sir,

- 1. I / We hereby offer to supply the stores detailed in the schedule here to such position thereof as you may specify in the supply order at the price given in the said schedule and agree to hold the order (offer) open till it is opened. I/We shall be bound by communication of acceptance within the prescribed time.
- 2. I / We have understood the instructions to tenderers and terms conditions of contract for contract concluded by Director, RIMS as contained in schedule & tender notice. We have thoroughly examined specification drawing or pattern quoted in the schedule here to and am/are fully aware of the nature of the stores required.
- 3. The following pages have been enclosed to and from part of this tender's technical bid

Yours faithfully Signature of tenderer Address ..... Dated ..... Seal.....

22. All documents duly completed, signed and sealed should be enclosed with your tender offer failing which your quotation will be treated as incomplete.

#### Technical compliance report duly filled and signed with seal of the bidder. (It is mandatory to fill the compliance report by all the bidders)

The bidders must fill all the rows/columns of this compliance report. This report will be inspected & evaluated by purchase committee and accordingly documents will be verified on the concerned page numbers.

SI.	Enclosures required	Have you	If yes then on page
No.		enclosed it?	no. of this bid.
		write clearly	
		Yes or No	
1.	Photocopy of JGST (Sales tax) Registration certificate in Jharkhand State.	Yes or No	Page No

	OR	Yes or No	Page No
	If the bidding agency is not registered under Jharkhand sales tax department, then they must give an undertaking through notary affidavit that "They will supply the equipment/items at RIMS, Ranchi after payment of JGST/Jharkhand Sales tax on their own & they will make their own arrangements for custom clearance in case of imported equipments. They shall not demand any document from RIMS for JGST/custom clearance/duty exemption / waiver/relief in this regard".		
2.	(i) Whether manufacturer or authorized dealer	Yes or No	On Page No
	(ii) If authorized dealer then write names of the original manufacturers and enclose the authorizations issued to you. e.g.	Yes or No	On Page No
	a. Authorization letter of M/s	Yes or No	On Page No
	b. Authorization letter of M/s and so on	Yes or No	On Page No
3.	Income Tax PAN No. (e.g. XYZA1234G) also mention clearly that PAN No. of proprietor or PAN no. of Company	Yes or No	On Page No
4.	EMD in form of Demand Draft No dated issued by (name of bank) amount Rs. 1,00,000.00 (One Lakhs) only in favour of Director, RIMS, Ranchi. (Note :- The bidders also have to submit Rs. 5.000/-	Yes or No	On Page No
	for tender papers & Photocopy of the drafts to be attached in technical bid.		
	for tender papers & Photocopy of the drafts to be attached in technical bid. Original DDs to be submitted in RIMS, Ranchi on due dates as mentioned in NIT.		
5.	for tender papers & Photocopy of the drafts to be attached in technical bid. Original DDs to be submitted in RIMS, Ranchi on due dates as mentioned in NIT. Affidavits through first class magistrate / Notary Public, mentioning that –	Yes or No	On Page No
5.	<ul> <li>for tender papers &amp; Photocopy of the drafts to be attached in technical bid.</li> <li>Original DDs to be submitted in RIMS, Ranchi on due dates as mentioned in NIT.</li> <li>Affidavits through first class magistrate / Notary Public, mentioning that – <ul> <li>(a) "Our company has not been black listed or convicted in the past by any Hospital Organization or by any Government / Semi government organization / P.S.Us / C.B.I / C.C.I &amp; free from all kind of litigation/allegations,</li> </ul></li></ul>	Yes or No	On Page No
5.	<ul> <li>for tender papers &amp; Photocopy of the drafts to be attached in technical bid.</li> <li>Original DDs to be submitted in RIMS, Ranchi on due dates as mentioned in NIT.</li> <li>Affidavits through first class magistrate / Notary Public, mentioning that – <ul> <li>(a) "Our company has not been black listed or convicted in the past by any Hospital Organization or by any Government / Semi government organization / P.S.Us / C.B.I / C.C.I &amp; free from all kind of litigation/allegations,</li> <li>(b) That the firm has no vigilance case/CBI/FEMA/CCI case pending against him/supplier (Principal)</li> </ul> </li> </ul>	Yes or No	On Page No
5.	<ul> <li>for tender papers &amp; Photocopy of the drafts to be attached in technical bid.</li> <li>Original DDs to be submitted in RIMS, Ranchi on due dates as mentioned in NIT.</li> <li>Affidavits through first class magistrate / Notary Public, mentioning that – <ul> <li>(a) "Our company has not been black listed or convicted in the past by any Hospital Organization or by any Government / Semi government organization / P.S.Us / C.B.I / C.C.I &amp; free from all kind of litigation/allegations,</li> <li>(b) That the firm has no vigilance case/CBI/FEMA/CCI case pending against him/supplier (Principal)</li> <li>(c) That the firm is not supplying the same item at lower rate quoted in the tender to any government organization or any other institute".</li> </ul> </li> </ul>	Yes or No	On Page No

7.	I.T. return certificate & balance sheet of the bidders for last three financial year having minimum turnover of Rs. 50,00,000/- (Rupee Fifty Lakhs only) in any one year within last three years.	Yes or No	On Page No
8.	Bidders acceptance letter/undertaking that they shall provide five years comprehensive warranty & then after five years comprehensive maintenance contract with all spares, accessories & labour charges for all the equipments.	Yes or No	On Page No
9.	ISO/CE/BIS/FDA certificate in the name of equipment manufacturing company. It must be shown in the certificate that this certificate is for particular product. (As per need of the BOQ)	Yes or No	On Page No
10.	For price justification all the bidders have to enclosed the order copy/copies issued by any govt./semi govt./PSUs for the same equipment model in th bidder offer. Note : In the technical bid the bidders shall enclose the order copy without price i.e. after deliting the prices.	Yes or No	On Page No
11.	The bidders have to enclose/confirm the list of institutions regarding supply, installations and functioning of the same make & model equipment within last three years. The purchaser or technical committee may verify or confirm the bidders documents from the concerned institutes. (Not mandatory for consumables)	Yes or No	On Page No
12	For all the radiological equipment where there is need of getting NOC from AERB for its operationalization, then bidders have to arrange NOC from AERB by their own effort. RIMS will provide official support to the bidders in signing the required documents for getting NOC. All the bidders have to provide an undertaking regarding the same that – "We / I agree to handle all the responsibilities of AERB for getting NOC for operationalization of the quoted radiological equipment".	Yes or No	On Page No

Note :

- 1. Sales tax form JGST-504 G / Road permit / Entry tax etc. of Govt. of Jharkhand will not be issued by authority. It will be responsibility of the bidders to arrange JGST form or any other documents related to sales tax / entry tax on their own.
- 2. If any of the above enclosures are of more than one page then in the page number columns write clearly on page no. .......... to page no. ......
- 3. Without filling the compliance report the offer will be rejected directly at the time of technical evaluation.

#### **Certificate of Compliance**

# Signature of the Bidder with date & seal of the firm / company

- 23. Please enclose photocopies of your complete registration certificate with DGS&D / NSIC ./ DGQA / GeM (if any) as applicable, which should be valid on the date of tender opening.
- 24. Price bid of technically acceptable offers would only be opened for which either the respective firm would be invited through telephone / fax or the same may be opened with display in the notice board in case telephone message can not be passed on.
- 25. The following information should be given in the offer by tenderers :
  - a. Complete configuration of the main equipments.
  - b. Relevant (must) accessories should be supplied with the equipment, if it is required for running the complete system.
  - c. Optional accessories, if any.
- 26. In case of late job completion / installation / completion of the full complete project from the stipulated time frame, the liquidated damage charges / panalties shall be incorporated / charged on the bidders as follows :-
  - (i) @0.5% of the total contract value after 07 (seven days) from the stipulated date of job completion and subsequently 0.5% on every seven days (weekly) maximum upto 04 weeks.
  - (ii) After 04 weeks @1% of the contract value on every 07 days and upto further 04 weeks (i.e. upto toal 08 weeks after stipulated date of job completion)
  - (iii) After 08 weeks @2% of the contract value on every 07 days and upto further 04 weeks (i.e. upto total 12 weeks after stipulated date of job completion)
  - (iv) After 12 weeks of security money and EMD will be forfeited by RIMS & the amount will be deposited in RIMS account & will be utilized for institute's development / treatment of patients. The same panalties will be incorporated during warranty as well as CMC period.
- 27. <u>Guarantee For Equipments</u>: All quotees firms shall confirm guarantee of the complete equipments as well as for the turnkey works done by the bidder under this tender for 5 years of trouble free working from real date of handover, installation & functioning. During warranty as well as CMC period they will undertake repairs if needed within 07 days of intimation. Failing which penalty will be implemented as above. The bidder shall also indicate in their technical bids, how many precautionary physical check-up would be carried out by them during guarantee period
- 28. The successful tenderer shall have to submit security deposit equal to 10% of the value of the contract in form of Bank guarantee pledged to Director, RIMS, Ranchi. The bank guarantee shall ve valid for minimum period of 68 months.
- 29. The tenderers shall give a clear and guaranteed delivery period for completion of supply & installation and functioning of the complete system in their bid and they have to maintain the time frame.
- 30. Tenderers are required to answer all the question mentioned in the schedule & should return the same duly signed and filled along with form "A"
- 31. The tendering firms shall note that the supplies will be made in accordance with the specification mentioned in the tender.
- 32. Nevertheless, the purchaser shall be liable for price variation after final approval by purchase committee.
- 33. The tenderer has to mention clearly the quality, specification, names of companies for consumables like films & others to be used in the machines for optimum quality results. The tenderer has to assure in written about the local availability of consumables in their tender.
- 34. If the supplier, having been called upon by the purchaser to furnish security deposit (S.D.), failed to furnish the same within the period provided it shall be lawful for the purchaser to forfeit the E.M.D. and to cancel the contract.
- 35. The purchaser shall be entitled and it shall be lawful on his part to forfeit the amount of security deposit in whole or in part in the event of any default, failure or neglect on the part of the supplier in the fulfillment of performance in all respect of the contract under

references or any other contract with the purchaser or any part thereof to the satisfaction of the purchaser.

- 36. The security deposit shall remain in full force and effect during the period that would be taken for satisfactory performance and fullfitment of in all respects of the contract i.e. since final acceptance of the goods/equipments or any other by the consignee and be valid upto guarantee period of the equipments to be purchased.
- 37. After complete installation of the equipment the supplier shall inform the technical committee or the concerned authority in writing for inspection & functioning of the equipments. If the inspecting officer finds that pre-inspection of the consignment is not as required then the consignment is liable for rejection.
- 38. Contractor / Seller hereby declare that the goods / stores / articles sold / supplied / installed to the purchaser under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification & particulars mentioned in the contract.

The contractor / seller hereby guarantees that the said goods / articles would continue to confirm to the description and quality aforesaid for a period of Five years from the date of final installation.

- a. Warranty to the effect that before joining out of production for the spare parts they will give in adequate advance notice to the purchaser of the equipment so that the later may undertake the balance of the life time requirements.
- b. Warranty to the effect that they will make available the blue prints of drawings of the spares if & when required in connection with the main equipment.
- 39. The following clauses are required to be confirmed :
  - a. Free routine servicing (at least 3 visits of their engineers at site in one year) will be carried out by the firm till guarantee period as well as during CMC period.
  - b. The firms will make available full engineer support package (ESP) including essential maintenance and recommended spares for maintenance of the equipment for further 05 years after the guarantee period.
  - c. The following set of documents in respect of the equipments are also required to be supplied by the firm :-

	Literature	Distributions	Quantity
(i) (ii)	Operation instructions Wiring diagram	With each equipment Inspecting authority (Concerned authority)	2 sets each 2 sets
(iii) (i∨)	Maintenance service manual Spare parts lists indicating cost	Inspecting authority (Concerned authority)	2 sets 2 sets

- d. The tenderers should quote the latest models. Quotations for out dated models of equipments will not be entertained.
- 40. Payment terms as follows :
  - A) 100 % after job completion.
  - B) No advance shall be payable to any bidder in normal cases. In emergency, after demand from the supplier party/parties for any releaf in any of the above terms of payments, the matter will be put infront of RIMS purchase committee for decision and the decision of purchase committee will be kept infront of RIMS governing body for final decision.

Sd/- Director

Rajendra Institute of Medical Sciences, Ranchi

Signature of Tenderer	
Name (in block letters) :	
Capacity in which tenderer is signed :	
Address in full :	
Dated : Seal	

## BOQ FOR DENTAL INSTITUTE LIST OF EQUIPMENTS & SPECIFICATIONS

REQUIRED SPECIFICATIONS					
SI. No.	Item Description & required specification	Bidder's offered make / model / specifications	Remarks or extra advantages of the offered model.		
1	Equipments for Dental Institute				
1.01	Acrylic Jar any reputed firm with ISO certification and supply to at least 5 government institution				
1.02	Acrylizer Anolog or digital time programming. Two timer and two temperature control. Programmable pre-heating temperature &curing Capacity -8 flasks.				
1.03	Adams Plier Should be made of stainless steel, Rust Proof Autoclavable ISO Standardized				
1.04	Alle's Tissue Forceps any reputed firm with ISO 9001:2000 & CE Certification				
1.05	Amalgam Carrier Stainless steel, rust proof, autoclavable				
1.06	Amalgamator With auto proportion, auto dispenser				
1.07	Angulated BP Handle The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant				
1.08	Anterior Sickle Scaler The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant				
1.09	Apex Locator Latest Generation with autoclavable tips, Palm top, digital display				
1.1	Artery Curved "6" Curve Stainless Steel Rust Proof Autoclavable ISO Standardized				
1.11	Artery Forcep "6" Straight Stainless Steel Rust Proof Autoclavable ISO Standardized				
1.12	Articulator( Three Pin) Mean value type with Working height for mounting should be 100mm				
1.13	Autoclavable Endodontic Box Stainless Steel Rust Proof Autoclavable ISO Standardized				
1.14	Autoclave Having wet and dry cycles, which can achieve 135 degree centigrade with minimum capacity				

	of 20 litres	
1.15	Automated stainer Autostainer: Compact, space saving H&E stainer for routine applications • High specimen throughput • Simultaneous realization of various different staining protocols • Exact incubation times • Continuous slide unload / reload function without having to interrupt a staining cycle or open the lid • Simple, menu-driven programming • Incubation times and sequence of use of reagent stations freely programmable • Integrated oven for optimal slide drying • Reagent containers can be exchanged quickly and easily • Integrated fume extraction system with activated charcoal filter • Minimized user exposure to hazardous reagent fumes • Easy-to-clean and resistant surfaces made out of polyester epoxy resin and stainless steel. Specimen slide throughput: at least 200 specimen slides per hour (depending on the selected program – up to 600 slides per hour) Loading capacity: 11 slide racks Loading capacity per slide rack: 30 specimen slides Total number of processing stations: 26 Reagent container volume: 450 ml Number of wash stations: max. 5 Oven: 1 Oven chamber temperature: off or 30 °C to 65 °C Incubation time setting: from 0 sec. up to 99 min, 59 sec. Load / unload stations: 1 each Permanent memory capacity: 15 programs, up to 25 program steps each Dimensions (W x D x H): 109 cm x 67 cm x 51 cm 42.2 in. x 26 in. x 20 in. Weight: 65 kg/143 lbs. Voltages: 110 V - 120 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz	
1.16	Automatic Hard Tissue Microtome any reputed firm with ISO 9001:2000 & CE Certification Should have minimum 05 installations in government institution.	
1.17	Automatic Panoromic with Cephalometric X- Ray Developer it should process high quality images of dental X-ray film, size 0-4, panoramic and cephalometric film. It should be fully automatic requiring no personal supervision during processing and delivers dry developed x-ray images in 5-7 minutes. it should be assembled with day light loader avoiding the use of dark room. It should increase chemical longevity and should have excellent economy and efficiency	

	Automatic Periapical X- Ray Developer	
	It should process high quality images of dental	
	X-ray film, size 0-4. It should be fully automatic	
1 18	requiring no personal supervision during	
1.10	processing and delivers dry developed x-ray	
	images in 5-7 minutes. It should be assembled	
	with day light loader avoiding the use of dark	
	room. It should increase chemical longevity	
	Automatic Tissue Processor	
	Metal / Polypropelene tissue baskets each with a	
	single or double baskets 3.2 The tissue baskets	
	should be such that they have a firm bottom and do	
	not get stuck to the sides of the reagent stations.	
	3.3 Reagent stations – Number of vessels: 10 (0.5-	
	1 litres each) 3.4 Paraffin stations- Number: 2 (	
	0.5- 1 litres each) – Temperature setting range: 45	
	- 70°C with temperature cut out facility	
	(Temperature should be mentioned ) 3.5	
	programmable Facility should be available. Fasy	
	editing and changing of programs should be	
	possible even during a processing run Infiltration	
1.19	time for each station should be separately	
	programmable. Program start delay should be	
	selectable without time limit. 3.6 In-built Vacuum	
	for protection for drving of specimen in case of	
	power failure The buckets should go back inside	
	the respective solution when power fails and not	
	hang in midair. 3.8 LCD display panel with	
	ergonomic control, fully protected control with full	
	protection key board, audible alarm warning/ error	
	message. 3.9 Machine should be able to cater to	
	short time / quick process 3.10 Interrupting an	
	cassettes before the end of a run should be	
	possible 3.11 Should be an open system capable	
	of using standard cassettes from open markets.	
1.0	B.P Handle (No. 4)	
1.2	Stainless steel, ISO standardized	
1 21	Ball Burnisher (Small and medium size)	
1.21	Stainless steel, rust proof, autoclavable	
1 22	Band Cutting Scissors	
1.22	As per ISO standard (Made In Germany)	
	Base formers (Upper/Lower arch) (small	
1 22	medium and large )	
1.25	Good quality Rubber with precise angulation	
	for orthodontics models	
	Beakers	
1.24	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	Benches For Staining	
1.25	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	Blow Torch	
1.26	Should be an alcohol torch with a nozzle for air	
	blow.	
1.27	Bone Rounger/Bone File	
	Stainless steel, rust proof, autoclavable	
1.28	Boon's Gauge	
0		

	Castroviejo Needle Holder	
1 20	The instruments should be made up of high	
1.29	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
	Castroviejo Scissors	
10	The instruments should be made up of high	
1.3	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
	Cephalometric and soft tissue analysis	
	software with compatible computer	
	a Should have provision for complete lateral /	
	frontal / cast analysis	
	b Should have provision for linear and angular	
	measurement	
	c. Should have provision for high precision	
	advanced zoom and image enhancement	
	technology including colorization	
	d Should have provision for own	
	cenhalometric analysis, new point, planes	
	<ul> <li>Should have provision for precise super</li> </ul>	
	imposition of photograph over tracing	
	f Should have provision for precise super	
	imposition of any number of tracing over	
1.31	tracing with provision of changing color of each	
	tracing	
	a Should have provision for creation of movies	
	of intra oral photographs	
	h Should have provision for creating different	
	treatment plans for the same patients in the	
	same series	
	i Should have provision to demonstrate pre	
	and post treatment plans	
	i Should have provision to demonstrate	
	different profile photographic views with	
	gradual changes in different stages	
	k Should be able to exchange patient data	
	(including images and tracing) from one	
	computer to other	
	Computer to other.	
1 32	Stainless Steel Rust Proof Autoclavable ISO	
1.02	Standardized	
	Cement Mixing Spatula	
1 33	Stainless Steel Rust Proof Autoclavable ISO	
1.00	Standardized	
	Ceramic Unit	
1 34	Table top model with multifunction properties	
1.04	having digital read out with CE certification	
	Cheek Retractor - With Handle	
1.35	Autoclavable, color- clear plastic	
	Chip Blower	
1.36	As per ISO standardization	
	Chisel Scaler	
	The instruments should be made up of high	
1.37	quality staipless should be made up of high	
	quality statilies steel with satili illish,	
	Chootle Forcons	
1.38	Stainloss stool rust proof outcolouchie	
1.39	College Tweezers	
1	Stainless steel, rust proof, autoclavable	

	Columbia Universal Curette (4r-4l)	
1 /	The instruments should be made up of high	
1.4	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
1 11	Composite finishing Kit	
1.41	ISO standardized and CE certified	
4.40	Composite Moulding Instruments	
1.42	Chrome plated Autoclavable ISO Standardized	
	Cotton Holder	
1.43	Stainless steel, rust proof.	
	Couplins Jar	
1 44	any reputed firm with ISO 9001.2000 & CE	
	Certification	
	Crown Remover	
	should be operable manually	
1 45	Should be made up of stainless steel	
1.45	should have more than 3 types of detachable	
	tins of different shapes	
	Crown Romover (proumatic)	
1.46	So standardized and CE partified	
	The instruments should be made up of high	
1.47	The instruments should be made up of high	
	quality statiliess steel with satin mish,	
	Curing Unit	
	Specific controls with a rotating platform and	
4.40	I ne tungsten halogen light source should cure	
1.48	light-activated materials.	
	Adjustable table to accommodate the	
	processing of all types of visible light cure	
	materials in various appliance shapes, with or	
	without the use of a model (cast)	
	Curved Scissors	
1.49	The instruments should be made up of high	
	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
1.5	Dappen Dish	
1.0	Glass made, Autoclavable	
	Deflasking Unit	
	Dimensions WXHXD 380x540x450mm,lamp	
	source, blasting chamber volume 23ltr.with 2m	
1 51	cable & deflasking chisels of 6 types flat,	
1.51	channeled, pointed, rivet, blank, suction unit	
	and foot control. Working pressure 1-6 bar, air	
	consumption 200ltr/minute, voltage 230v,	
	5oHz,	
	Demonstration models	 
1.52	Upper and lower jaws with complete set of	
	teeth made of clear transparent acrylic	
	Dental Glass Slab	
4 50	Nonstick, non-skid surface, as per	
1.53	standardization. It should be of dimensions 6'x	
	3' and thickness 8mm	
	Dental Trollev	
1.54	As per standards	
	Diamond Carver	
1.55	Stainless steel, rust proof, Autoclavable	

	DICOM printer (for digital OPG)	
1.56	x-rays and compatible with SIDICOM	
	(SIDEXIS software)	
1.57	Drape	
	Dropping Bottle	
1.58	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	Electronic Single Pan Balance (Digital)	
	capacity of 1000 g and Readability of 0.01 g	
	with pan sitting on the top 2. Internal	
	Calibration option should be available 3.	
	Repeatability (sd) $\pm 0.01$ g 4. Linearity $\pm 0.02$ g	
1.59	5. Response time- 1.5 s or less 6. Weight	
	Canacity 7 Connectivity - RS232 interface 8	
	Weighing pan dimensions ~ ø 160 mm OR	
	200×200 mm 9. Safety features: Overload	
	protection; Protection from dust and water;	
	Chemically resistant body 10. International	
	Certifications: ISO certification	
	Electro polisher must constitute:	
	Separated bowl Ø $3.7 - 5$ litres – 0.8 galon	
	capacity.	
1.6	Timer to prevent over polishing.	
	Cobalt and nickel chrome configuration.	
	on tissue side of cast	
	Movable electrodes.	
	Embedding Station	
	Should have symmetrical and unobstructed workspace     Should haveEasy-to-open spacious trays for efficient access to	
	<ul> <li>cassettes and molds</li> <li>Should have bright white LED for contrast and visibility of the</li> </ul>	
	most transparent samples.	
	wristpads.	
	Operating temperatures: 50 °C to 75 °C, adjustable in 1     °Cincrements	
	Removable tray: approx. 100 cassettes	
	• Illumination: LED White	
	<ul> <li>Display: 5.7 inch capacitive LCD touch screen</li> <li>Power supply: 110-120 V AC, 220-240 V AC, 50/60Hz</li> </ul>	
	Power consumption: 1000 VA max	
	• Dimensions (d x w x h): 600 mm x 560 mm x 385 mm	
1.61	Weight: 25 kg     Optional accessories:	
	User-friendly magnifier	
	Foot switch	
	Cold Plate	
	Min. guaranteed workload capacity: 60 blocks	
	solidified in 30 minutes Other Specifications:	
	Power supply: 100V/110-120 V AC/220-240 V AC, 50/60Hz	
	Environmental operating	
	temperature range: +20 °C to +30 °C Heatable Forceps	
	Dimensions (d x w x h): 605 mm x 400 mm x 385 mm, Weight:	
	Dimensions (d x w x h): 155 mm x 80 mm x 100 mm, Weight:	
	approx. 1.5 kg	

	Operating temperature range: +15 °C to +40 °C	
	Should have CE certificate     Should have minimum 10 installation in government institution	
	Endedontic Explorer (DC16 Probe)	
1.60	Steinless Steel Bust Prest Autoslavable ISO	
1.02	Standardized	
1.63	Endogauge	
	Autoclavable ISO Standardized	
	Equipment For Microwave Curing Of Denture	
	Base Resin & Microwave For Denture Curing	
1.64	For polymerizing CD and RPD prostheses,	
	microwave oven large size, with compatible	
	flasks and resin material	
4.05	Explorer	
1.65	Stainless steel, rust proof, ISO Standardized	
	Extra Oral Tracer	
	Jaw movement recording and centric relation	
1 66	positioning one stylus and one tracing plate	
	attachments to the jaw movement recording	
	bases outside the mouth	
	Extraction Forceps (All Upper And Lower	
1 67	Forceps)	
1.07	ISO standardized rust proof	
	Flock (Gloce)	
1 60	Plask (Glass)	
1.00	Contification	
	Four X ray view box	
	dimension (mm): 1570: 517, external	
1.69	dimension (mm):1570x512x47, color	
	temperature: >8000k, light source: LED, Lamp	
	life 1,00,000 hrs, power: AC100-220V 50Hz,	
	power supply: 180VV	
	Fox Plane	
1.7	As per standards, Stainless steel,	
	autoclavable.	
	The flanges should be parallel to each other	
	Gate Glidden Drills	
1.71	Stainless Steel Rust Proof Autoclavable ISO	
	Standardized	
	Geyser	
1 72	Heater type should be electrical capacity of 25	
1.72	litres and BEE rating of 5 star 2000 watts and	
	min 2 year warranty.	
	General X-ray unit	
	100 mA, adjustable Kvp X-ray unit .mobile X-	
	ray unit with adjustable timer, superior	
4 70	frequency, auto programmable X-ray system,	
1.73	precise, compatible for horizontal and vertical	
	positioning, compatible with digital image	
	receptors with auto adjustable bucky grid.	
	digital display for main line voltage	
	Glass Plate	
1.74	dimension 4'x4' and thickness 4mm	
	Clickman's Periosteal Elevator	
	The instruments should be made up of high	
1.75	auality staiplass stock with actin finish	
	quality statiliess steel with satiff inish,	
	anumagneuc, rust resistant and acid resistant	
1.76		
	Made of cotton	

1 77	Gutta Percha Cutter	
1.77	Autoclavable ISO Standardized	
	Heavy Duty Hand Piece- Lab Micromotor	
	Should be powerful and have stable torque	
	• Hand piece should be easy to handle	
	lightwoight and procise in function	
	- Should have dust free mechanism for high	
	• Should have dust free mechanism for high	
	durability.	
	• Noise should be minimal and vibrations least.	
1.78	<ul> <li>Should not get heated after long hours of</li> </ul>	
	working.	
	<ul> <li>Should not have any play in the hand piece.</li> </ul>	
	<ul> <li>Should have increased chuck strength for</li> </ul>	
	working on various materials.	
	• Speed 2000-50,000 rpm/min, variable speed	
	control.	
	<ul> <li>Should have sufficient length.</li> </ul>	
	<ul> <li>Should have a straight hand piece.</li> </ul>	
	Heavy Duty Lathe With Suction	
	HP-1/2, 2800rpm SINGLE speed, Equipped	
	with Double Ball Bearing with 3 chucks (Buffer	
	stone & Bur chuck) with 2 Imported Ball	
	Bearing Metal cable arm & its attachment	
	Electrically operated Heavy duty motor unit	
	baying power not loss than 0.5hp High	
	naving power not less than – 0.5hp Fight	
	speed 5000 rpm Anangement to attach but	
1.79	noiding chuck – M. S. Electroplated or spindle	
	for buffing wheel on one.	
	On the other arm is a Grinding Wheel. Built in	
	High Power dust suction behind chuck for	
	clean, unpolluted, dust free work environment.	
	Dust collection bag – easily removable and	
	emptied Tray for debris collection.	
	Table mountable Heavy Base Plate for	
	vibration free operation Built – in lighting for	
	high visibility.	
	Heavy Wire Cutter (Mauns) Or Similar	
1.8	Tungsten Carbide Coated	
	TC coated made in Germany	
	Hoe Scaler	
	The instruments should be made up of high	
1.81	quality staipless should be made up of high	
	quality statiliess steel with satilitilish,	
1.82		
	Stainless steel, rust proof, Autoclavable	
	Hot Plate	
1.83	Should be made up of stainless steel	
	Estimated cost should be less than Rs.50	
	Hot Water Sterilizer	
1.84	Body made of stainless steel with an heating	
	element capacity 5 litres	
1.85	Hot air oven	
	Incubator	
	Temp: 37 degree C (Temp variation $+ 0.5 \circ C$ )	
	(Memmert type) Temp range: ambient to 80	
1.86	oC 2 Made up of Stainless steel innor	
	chamber 301 outer as nowder costed 2 Triple	
	well with appoint grade glass west insulation 4	
	wan wini special glade glass wool insulation 4	

with fins 5 Full length inner plexi-glass door. 6         Castor wheel mounted tie easy movability 7         Proper air circulation for uniformity. 8         Temperature Control: Digital Control.         Microprocessor based controller for mains, heating, and cooling with separate indicator lights. 9 Capacity: - 15 cu. ft. with 3 shelves, made of stanless steel and inner illumination with sleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11         The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification having assorted lips with temperature control option with QP in cartifidges         1.87       Desktop model with CE certification having assorted lips with temperature control option with QP in cartifidges         1.88       Kidney Tray (Large)         Stainless Steel, rust proof, autoclavable       Kirkland Knife         1.99       Treas its should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel, rust proof, autoclavable         1.91       Krane Kaplan Pocket Markers (Set Of 2)         1.91       Krane Kaplan Pocket Markers (Set Of 2)         1.91       Lab Airrotor         1.92       Lab Airrotor         1.93       Lacron Carver		Long lasting stainless steel tabular heaters	
Castor wheel mounted the easy movability 7 Proper air circulation for unformity. 8 Temperature Control: Diglial Control, Microprocessor based controller for mains, heating, and cooling with separate indicator lights 9 Capacity - 15 out. ft with 3 shelves, made of stainless steel and inner illumination with 3 bleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or intermational standards with latest amendments covering Markings, Safety requirements with Tecommendations of safe operations from any reputed firm with ISO 9001:2000 & CC Ecrification Injectable Gutta Percha machine Lingetsbue with CE certification Inter Oral Tracer Jaw movement recording and centric relation Jaw movement recording and centric relation Jaw movement recording and one tracing plate attachments to the jaw movement recording bases inside the mouth Krinkand Knie Krinkand Knie Krinkand Knie Krinkand Fine Steel With Satin finish, antimagnetic, rust proof, autoclavable Krinkand Knie Krinane Should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant Arane Kaplan Pocket Markers (Set Of 2) The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant Linge Caro Carver Stainless steel, rust proof, autoclavable Lead Gloves Lead Apron Vest and skirt type to offer best x-ray protection with built in bett for better lumbar support relives weight from shoulders, front panel should contain 0.5mm lead (10mm lead at overlap) back panel 0.25mm lead. Lead Gloves Lead Gloves Lead Gloves Lead Gloves Lead Gloves Magnavision (Magnifying Loop) any reputed firm with liso 9901:2000 & CE Certification Masson Trichrorme Consumable		with fins 5 Full length inner plexi-glass door. 6	
Proper air circulation for uniformity. 8         Temperature Control: Digital Control, Microprocessor based controller for mains, heating, and cooling with separate indicator lights. 9 Capacity 15 cu. ft. with 3 shelves, made of stainless steel and inner illumination with sleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or intermational standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification having assorted tips with temperature control option with OP in cartridges         1.87       Desktop model with CE certification having assorted tips with temperature control option with OP in cartridges         1.88       Kinkand Knie         1.89       Sitanless Steel, rust proof, autoclavable         Krikland Knie       Krikland Knie         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor Microbial and standardized         1.93       Lacor Carver         1.94       Laminar Flow Unit (For Microbiology)         1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skift type to offer best x-ray protection with supple vinyle cover and foam liner.5 fingered protection for full dexterity </td <td></td> <td>Castor wheel mounted tie easy movability 7</td> <td></td>		Castor wheel mounted tie easy movability 7	
Important       Important         Microprocessor based controller for mains, heating, and cooling with separate indicator lights. 9 Capacity: - 15 cu. ft. with 3 shelves, made of stainless steel and inner illumination with sleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11          The apparatus should confirm to national or international standards with latest         amendments covering Markings, Safety         requirements with recommendations of safe         operations from any reputed firm with ISO         9001:2000 & CE Certification          1.87       Injectable Gutta Percha machine         Desktop model with CE certification having         assorted tips with temperature control option         with GP in cartridges          1.87       Assorted tips with temperature control option         with GP in cartridges          1.88       positioning, one stylus and one tracing plate         attachments to the jaw movement recording         bases inside the mouth          1.89       Kirkey Tray (Large)          1.90       Stainless Steel, rust proof, autoclavable          Kirkkand Knife        The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant          1.91       The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant          1.92       Lab Airotor          Kiney Toku thi Tobe Toto for bestx -ray       protection with built in belt f		Proper air circulation for uniformity. 8	
Microprocessor based controller for mains, heating, and cooling with separate indicator lights. 9 Capacity: - 15 cu. ft. with 3 shelves, made of stainless steel and inner illumination with sleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification having assorted tips with temperature control option with GP in cartridges         1.87       Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         1.88       positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.88       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.9       Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with finish, antimagnetic, rust resistant and acid resistant antimagnetic, rust resistant and acid resistant         1.91       Lab Airrotor Microbicidal and standardized         1.92       Lacon Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Camilead or equivalent with supple vinyle cover and foam lin		Temperature Control: Digital Control,	
heating, and cooling with separate indicator         lights.9 Capacity: -15 cu.ft. with 3 shelves,         made of stainless steel and inner illumination         with sleef fluorescent tubes. 10 Equipment to         be supplied with Suitable Voltage stabilizer 11         The apparatus should confirm to national or         international standards with latest         amendments covering Markings, Safety         requirements with recommendations of safe         operations from any reputed firm with ISO         9001:2000 & CE Cortification         1.87         assorted tips with temperature control option         with GP in cartridges         Intra Oral Tracer         Jaw movement recording and centric relation         bases inside the mouth         1.89         Kidney Tray (Large)         Stainless Steel, rust proof, autoclavable         Krikhand Knife         natimagnetic, rust resistant and acid resistant         nitimagnetic, rust resistant and acid resistant         1.91         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments abould be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lacron Carver		Microprocessor based controller for mains,	
lights. 9 Capacity: - 15 cu. ft. with 3 shelves, made of stainless steel and noner illumination with sleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification with GP in cartification having assorted tips with temperature control option with GP in cartification be stup model with CE certification having assorted tips with temperature control option with GP in cartification bases inside the mouth         1.87       Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.88       Kidney Tray (Large) Kirkland Knife         1.9       Kidney Tray (Large) Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant krane Kaplan Pocket Markres (Set Of 2)         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized       Image Kainless Steel, rust proof, autoclavable         1.94       Lead Apron Vest and skint type to offer best x-ray protection with built in bell for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves       Jomm		heating, and cooling with separate indicator	
made of stainless steel and inner illumination with Siek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification         1.87       Injectable Gutta Percha machine Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         1.87       Intra Oral Tracer Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.88       Kirkkand Kinle         1.9       The instruments should be made up of high quality stainless steel with sain finish, antimagnetic, rust resistant and acid resistant         1.91       Krane Kaplan Pocket Markers (Set Of 2) The instruments should be made up of high quality stainless steel with sain finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor Microbicidal and standardized         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skirt type to offer best x-ray protection with built in beit for better lumbar support relieves weight from shoulders, front panel should cotain 0.5mm lead (1.0mn lead at overlap) back panel 0.25mm lead.         1.96       Lead Apron Vest and Skirt type to offer best x-ray protection with built in beit for better lumbar support relie		lights. 9 Capacity: - 15 cu. ft. with 3 shelves,	
with sizek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification besktop model with CE certification having assorted tips with temperature control option with GP in cartridges           1.87         Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges           Intra Oral Tracer         Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth           1.89         Kidney Tray (Large) Kirkland Knife           1.9         Kirkland Knife The instruments should be made up of high quality stainless steel with stain finish, antimagnetic, rust resistant and acid resistant           1.91         Laron Coxert Microbiold be made up of high quality stainless steel with stain finish, antimagnetic, rust resistant and acid resistant           1.92         Lab Airrotor Microbicidal and standardized           1.93         Lacorn Carver Stainless steel, rust proof, autoclavable           1.94         Lead Apron Vest and skirt type to offer best x-ray protection with built in belf to better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.           1.96         Osmm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity           1.97 <td></td> <td>made of stainless steel and inner illumination</td> <td></td>		made of stainless steel and inner illumination	
be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification 1.87 Injectable Gutta Percha machine Desktop model with CE certification 1.87 Desktop model with CE certification 1.88 positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth 1.89 Stainless Steel, rust proof, autoclavable Kirkland Knife 1.9 1.91 1.91 1.91 1.92 Lab Airrotor Microbicidal and standardized 1.92 Lab Airrotor Microbicidal and standardized 1.93 Laed Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front support relieves weight from shoulders, front full dexterity 1.96 Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE certification 1.99 Masson Trichrome consumable		with sleek fluorescent tubes. 10 Equipment to	
The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         1.87       Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         Intra Oral Tracer       Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         Kirkland Knife       Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with stain finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with stain finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       protection with built in belt for betst x-ray protection with built in belt for betst lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (10.0mm lead at overlag) back panel 0.25mm lead.         1.96       O.5mm lead 0.25mm lead.         1.97       Locking Tweezer		be supplied with Suitable Voltage stabilizer 11	
international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification Injectable Gutta Percha machine Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         1.87       Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         1.88       positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         1.93       Lacron Carver         3       Stainless steel, rust proof, autoclavable         1.94       Lab Airrotor         1.95       Stainless steel, rust proof, autoclavable         1.94       Lab Airrotor         1.95       Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (		The apparatus should confirm to national or	
amendments covering Markings, Safety         requirements with recommendations of safe         operations from any reputed firm with ISO         9001:2000 & CE Certification         Injectable Gutta Percha machine         Desktop model with CE certification having         assorted tips with temperature control option         with GP in cartridges         Intra Oral Tracer         Jaw movement recording and centric relation         positioning, one stylus and one tracing plate         attachments to the jaw movement recording         bases inside the mouth         1.89         Kidney Tray (Large)         Stainless Steel, rust proof, autoclavable         Kirkland Knife         1.9         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         1.91         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         1.91         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         1.92         Lacorn Carver		international standards with latest	
requirements with recommendations of safe         operations from any reputed firm with ISO         9001:2000 & CE Certification         1.87         Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         1.87         1.88         positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.89         Kidney Tray (Large)         Stainless Steel, rust proof, autoclavable         Kikland Knife         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91         Quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92         Lab Airrotor         Microbicidal and standardized         1.92         Lab Airrotor         Microbicidal and standardized         1.93         Lacron Carver         Stainless steel, rust proof, autoclavable         1.94         Lada Apron         Vest and skirt type to offer best x-ray protection with built in bell for beter lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.95       Lead Gloves		amendments covering Markings, Safety	
operations from any reputed firm with ISO           9001:2000 & CE Certification           1.87           assorted tips with temperature control option           with OP in cartridges           Intra Oral Tracer           Intra Oral Tracer           aw movement recording and centric relation           positioning, one stylus and one tracing plate           attachments to the jaw movement recording           bases inside the mouth           1.88           Kidney Tray (Large)           Stainless Steel, rust proof, autoclavable           Kirkland Knife           The instruments should be made up of high           quality stainless steel with satin finish,           antimagnetic, rust resistant and acid resistant           Krane Kaplan Pocket Markers (Set Of 2)           The instruments should be made up of high           quality stainless steel with satin finish,           antimagnetic, rust resistant and acid resistant           1.91           Lab Airrotor           Microbicidal and standardized           1.93           Lacron Carver           Stainless steel, rust proof, autoclavable           1.93           Lad Apron           Vest and skirt type to offer bestx-ray           protection with built i		requirements with recommendations of safe	
1.87       Desktop model with CE certification having assorted tips with temperature control option with CP in cartridges         1.87       Desktop model with CE certification having assorted tips with temperature control option with CP in cartridges         1.88       Intra Oral Tracer Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         1.93       Lacron Carver         1.94       Larinar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead.         1.96       0.5mm lead.       Lead Gloves 0.5mm lead.         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification		operations from any reputed firm with ISO	
1.87       Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         Intra Oral Tracer       Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.89       Kidney Tray (Large)         Stainless Steel, rust proof, autoclavable       Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized       Iacron Carver         1.93       Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron         Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead.         1.96       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying L		9001:2000 & CE Certification	
1.87       Desktop model with CE certification having assorted tips with temperature control option with GP in cartridges         Intra Oral Tracer       Jaw movement recording and centric relation positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.88       positioning, one stylus and one tracing plate attachments to the jaw movement recording bases inside the mouth         1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.90       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Uality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized       Improvement from the proof, autoclavable         1.93       Lacron Carver         Stainless steel, rust proof, autoclavable       Improvement eleves weight from shoulders, front panel should contain 0.5mm lead (.10mm lead at overlap) back panel 0.25mm lead.         1.95       protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (.10mm lead at overlap) back panel 0.25mm lead.         1.96       Osm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity <td></td> <td>Injectable Gutta Percha machine</td> <td></td>		Injectable Gutta Percha machine	
assored tips with GP in carridges         Intra Oral Tracer         Jaw movement recording and centric relation         positioning, one stylus and one tracing plate         attachments to the jaw movement recording         bases inside the mouth         1.89         Stdiney Tray (Large)         Stainless Steel, rust proof, autoclavable         Kirkland Knife         Kirkland Knife         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         Krane Kaplan Pocket Markers (Set Of 2)         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         1.92         Lab Airrotor         Microbicidal and standardized         1.93         Lacron Carver         Stainless steel, rust proof, autoclavable         1.94         Laminar Flow Unit (For Microbiology)         Lead Apron         Vest and skirt type to offer best x-ray         protection with built in belt for better lumbar         support relieves weight from shoulders, front         panel should contain 0.5mm lead (1.0mm lead         at overlap)	1.87	Desktop model with CE certification having	
With GP in Cartingges         Intra Oral Tracer         Jaw movement recording and centric relation         positioning, one stylus and one tracing plate         attachments to the jaw movement recording         bases inside the mouth         1.89         Kidney Tray (Large)         Stainless Steel, rust proof, autoclavable         Kirkland Knife         1.9         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         Krane Kaplan Pocket Markers (Set Of 2)         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         1.91         The instruments should be made up of high         quality stainless steel with satin finish,         antimagnetic, rust resistant and acid resistant         1.92         Lab Airrotor         Microbicidal and standardized         1.93         Lacron Carver         Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron         Vest and skirt type to offer best x-ray         protection with buil		assorted tips with temperature control option	
Intra Oral Tracer		With GP in cartridges	
1.88       Daw movement recording and opertacing plate attachments to the jaw movement recording bases inside the mouth         1.89       Kidney Tray (Large)         1.89       Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Lab Airrotor         1.92       Lab Airrotor         Microbicidal and standardized       1.33         1.93       Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Stainless steel, rust proof, microbiology)         1.95       Lead Apron         Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       may reputed firm with ISO 9001:2000 & CE Certification		Intra Oral Tracer	
1.88       Dositioning, one stylus and one tracing plate         1.89       Kidney Tray (Large)         1.89       Stainless Steel, rust proof, autoclavable         Kirkland Knife       Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized	1 00	Jaw movement recording and centric relation	
attaction lefts to the jaw motor flex feedball         1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.9       Kirkland Knife         1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Krane Kaplan Pocket Markers (Set Of 2)         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Lab Airrotor         1.92       Lab Airrotor         Microbicidal and standardized         1.92       Lacron Carver Stainless steel, rust proof, autoclavable         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead.         1.95       Lead Gloves         0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	1.88	positioning, one stylus and one tracing plate	
1.89       Kidney Tray (Large) Stainless Steel, rust proof, autoclavable         1.9       Kirkland Knife The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized       Microbicidal and standardized         1.92       Lacron Carver         Stainless steel, rust proof, autoclavable       Lacron Carver         1.93       Lacron Carver         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron       Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		attachments to the jaw movement recording	
1.89       Kloney Tray (Large)         1.89       Stainless Steel, rust proof, autoclavable         Kirkland Knife       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Krane Kaplan Pocket Markers (Set Of 2)         1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         1.93       Lacron Carver         Stainless steel, rust proof, autoclavable         1.93       Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron       Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	-		
Statiliess Steer, rust proof, autoclavable         1.9         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92         Lab Airrotor         Microbicidal and standardized         1.93         Lacron Carver         Stainless steel, rust proof, autoclavable         1.94         Laminar Flow Unit (For Microbiology)         Lead Apron         Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         Lead Gloves         0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	1.89	Kioney I ray (Large)	
1.9       Nirkand Khire quality stainless should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Krane Kaplan Pocket Markers (Set Of 2) The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor Microbicidal and standardized         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.94       Lead Apron Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		Stainless Steel, rust proof, autoclavable	
1.9       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91       Krane Kaplan Pocket Markers (Set Of 2)         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized         1.93       Lacron Carver         Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron         Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         Lead Gloves       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		KIRKIANO KNIRE	
antimagnetic, rust resistant and acid resistant         Krane Kaplan Pocket Markers (Set Of 2)         The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.91         Lab Airrotor         Microbicidal and standardized         1.93         Lacron Carver         Stainless steel, rust proof, autoclavable         1.94         Laminar Flow Unit (For Microbiology)         Lead Apron         Vest and skirt type to offer best x-ray         protection with built in belt for better lumbar         support relieves weight from shoulders, front         panel should contain 0.5mm lead         1.96         0.5mm lead or equivalent with supple vinyle         cover and foam liner.5 fingered protection for         full dexterity         1.97         Locking Tweezer         Magnavision (Magnifying Loop)         any reputed firm with ISO 9001:2000 & CE         Certification         1.99         Masson Trichrome         consumable	1.9	The instruments should be made up of high	
1.91       Krane Kaplan Pocket Markers (Set Of 2) The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor Microbicidal and standardized         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead.         1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		quality stamless steel with satin linish,	
1.91       The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor Microbicidal and standardized         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Larninar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skint type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves 0.5mm lead.         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		Krone Kenlen Beeket Markere (Set Of 2)	
1.91       The first dialets steel with satin finish, antimagnetic, rust resistant and acid resistant         1.92       Lab Airrotor         Microbicidal and standardized       Airrotor         1.93       Lacron Carver         Stainless steel, rust proof, autoclavable       Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron       Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         Lead Gloves       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		The instruments should be made up of high	
1.92       Lab Airrotor Microbicidal and standardized         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	1.91	quality stainless steel with satin finish	
1.92       Lab Airrotor Microbicidal and standardized         1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         Lead Gloves       0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		antimagnetic rust resistant and acid resistant	
1.92       Lacron Carver         1.93       Lacron Carver         Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         Lead Apron         Vest and skirt type to offer best x-ray         protection with built in belt for better lumbar         support relieves weight from shoulders, front         panel should contain 0.5mm lead (1.0mm lead         at overlap) back panel 0.25mm lead.         Lead Gloves         0.5mm lead or equivalent with supple vinyle         cover and foam liner.5 fingered protection for         full dexterity         1.97         Locking Tweezer         1.98         Magnavision (Magnifying Loop)         any reputed firm with ISO 9001:2000 & CE         Certification         1.99		Lab Airrotor	
1.93       Lacron Carver Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.94       Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	1.92	Microbicidal and standardized	
1.93       Stainless steel, rust proof, autoclavable         1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		Lacron Carver	
1.94       Laminar Flow Unit (For Microbiology)         1.95       Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	1.93	Stainless steel rust proof autoclavable	
1.94Laminar Flow Unit (For Microbiology)1.95Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.1.96Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity1.97Locking Tweezer1.98Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification1.99Masson Trichrome consumable			
Lead Apron Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.1.96Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity1.97Locking Tweezer1.98Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification1.99Masson Trichrome consumable	1.94	Laminar Flow Unit (For Microbiology)	
Local Appendix1.95Vest and skirt type to offer best x-ray protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.1.96Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity1.97Locking Tweezer1.98Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification1.99Masson Trichrome consumable		Lead Apron	
1.95       Protection with built in belt for better lumbar support relieves weight from shoulders, front panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.         1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		Vest and skirt type to offer best x-ray	
1.95       protocol number of the solution and the solutis and the solution and the solution and the s		protection with built in belt for better lumbar	
panel should contain 0.5mm lead (1.0mm lead at overlap) back panel 0.25mm lead.1.96Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity1.97Locking Tweezer1.98Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification1.99Masson Trichrome consumable	1.95	support relieves weight from shoulders, front	
at overlap) back panel 0.25mm lead.1.96Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity1.97Locking Tweezer1.98Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification1.99Masson Trichrome consumable		panel should contain 0.5mm lead (1.0mm lead	
1.96       Lead Gloves 0.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable		at overlap) back panel 0.25mm lead.	
1.960.5mm lead or equivalent with supple vinyle cover and foam liner.5 fingered protection for full dexterity1.97Locking Tweezer1.98Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification1.99Masson Trichrome consumable		Lead Gloves	
1.96       cover and foam liner.5 fingered protection for full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	4.00	0.5mm lead or equivalent with supple vinyle	
full dexterity         1.97       Locking Tweezer         1.98       Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification         1.99       Masson Trichrome consumable	1.96	cover and foam liner.5 fingered protection for	
1.97     Locking Tweezer       1.98     Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification       1.99     Masson Trichrome consumable		full dexterity	
1.98     Magnavision (Magnifying Loop) any reputed firm with ISO 9001:2000 & CE Certification       1.99     Masson Trichrome consumable	1.97	Locking Tweezer	
1.98     any reputed firm with ISO 9001:2000 & CE       1.99     Masson Trichrome       consumable		Magnavisian (Magnifying Loon)	
1.99 Masson Trichrome consumable	1 0 9	any reputed firm with ISO 0001:2000 & CE	
1.99 Masson Trichrome consumable	1.30	Certification	
1.99 consumable	<u> </u>	Masson Trichrome	
STIMITUM	1.99	consumable	

2	Matrix Retainer (Ivory No 1)	
	Matrix Retainer (Ivory No 8)	
2.01	Stainless steel, rust proof	
	Matthwe's Needle Holder (Palm Grasp)	
2 02	The instruments should be made up of high	
2.02	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
2.03	Mcintosh Sheet	
0.04	Metal Cabinet	
2.04	With wash basin	
	Metallic- Measuring Scale	
2.05	Should be made up of stainless steel	
	Should be of length 6 inches	
2.06	any reputed firm with ISO 9001.2000 & CF	
2.00	Certification	
	Microetcher with aluminum oxide powder	
	a. Intraoral sandblaster	
	b. Should etch all Metals, Composites ,enamel	
	and Amaigam. Should come with sand trap of soft plastic (50 Pieces) book ups set : quick	
2.07	disconnect kit to allow easy connection to air	
	hose of compressor and to allow easy	
	connection and disconnections with the unit of	
	the chair.	
	c. Aluminium Oxide 50 micron	
	d. Aldminium Oxide 85 micron	
2.08	Micromotor Contrangle Handpiece	
	Autoclavable, ISO Standardized	
	Micropippete (Fixed And Variable Volume)	
2.09	Micropippete (Fixed And Variable Volume)	
	Certification	
	Microtome Automatic	
	Fully Automatic: Microtome	
	<ul> <li>Compact, ergonomic design</li> <li>Ergonomically designed handwheel handle</li> </ul>	
	Smooth-running handwheel with integrated quick-lock     machanism for patients	
	Enclosed micrometer feed mechanism	
	Low-maintenance cross-roller bearings     Two forward and backward coarse feed speeds	
	Alternate trimming and sectioning modes, as indicated on the	
	<ul> <li>display</li> <li>Speed control through the cutting window for enhanced</li> </ul>	
	efficiency	
	sectioning speed	
2.1	Section thickness totalizer and section counter     Intuitive control papel	
	Integrated communication display	
	<ul> <li>Precise specimen orientation with zero point reference</li> <li>One-hand operated universal cassette clamp</li> </ul>	
	Completely new knife holder design with red colored knife     guard	
	Precise lateral knife holder adjustment with click stop settings	
	<ul> <li>Spacious and easy-to-clean section waste tray</li> <li>Wide range of accessories</li> </ul>	
	Section thickness:	
	Section thickness setting range: 0,5 – 100 im Setting values: from 0,5µm – 5 µm in 0,5 µm-increments	
	from 5 – 20 $\mu$ m in 1 $\mu$ m-increments	
	from 60 – 100 µm in 10 µm-increments	

	Trimming section	
	thickness setting range: 1 – 600 im	
	Setting values: from $1 - 10 \mu\text{m}$ in $1 \mu\text{m-increments}$	
	from $10 - 20 \mu m$ in 2 $\mu$ m-increments	
	from $50 - 100 \mu\text{m}$ in $10 \mu\text{m}$ -increments	
	from $100 - 600 \mu\text{m}$ in 50 $\mu\text{m}$ -increments	
	Object feed: 28 mm ±1 mm, feed motion via step motor	
	Vertical specimen stroke: 70 mm	
	Sectioning modes: 4	
	Specimen retraction:	
	In manual operation: 5 – 100 µm in 5 µm-increments, can be	
	speed, can be turned off	
	Electric coarse feed: 300 µm/s und 900 µm/s	
	Sectioning speed: 0,5 – 420 mm/s ± 10%	
	Maximum specimen size (L x H x W): 50 x 60 x 40 mm	
	Nominal supply voltages: 100 / 120 / 230 / 240 V AC +10%	
	Nominal frequency: 50/60 Hz	
	Power draw: 340 VA	
	Dimensions basic instrument	
	Width (including hand wheel) 413 mm	
	Depth (Including waste tray) 618 mm	
	Weight (with storage area on cover), 505 min	
	Dimensions control panel	
	WxDxH: 121 x 166 x 50 mm	
	Weight: approx. 0.66 kg, approx. 1.45 lbs	
	Should have more minimum 10 installation, with customer	
	details. Should have CE certificate	
	Microwaye Lab Grade (For	
	Immunohistochomistry)	
2.11	any reputed firm with ICO contification and	
	any reputed firm with ISO certification and	
	supply to at least 5 government institution	
2 1 2	Mixing Spatula (Straight)	
2.12	Stainless steel, rust proof, autoclavable.	
0.40	Mixing Spatula (Curved)	
2.13	Stainless steel, rust proof, autoclavable.	
	Model of Tooth (For Teaching)	
2.14	Complete set deciduous and permanent	
	Medel Trimmer with Diemend dies	
	Should have approximately HP 1 and 2800	
	RPM	
	<ul> <li>Should be ergonomically designed, heavy</li> </ul>	
	duty, low noise, single speed	
	Should have diamond wheel size 10" disc	
	rough or fine	
2.15	Chauld have automatic water value with	
	• Should have automatic water valve with	
	water spray attachment and splash shield	
	<ul> <li>Should have orthodontic work table</li> </ul>	
	complete	
	Should have foot switch	
	<ul> <li>Should have provision of both drv/ wet</li> </ul>	
	trimming	
	Madal Trimmor with Carborundum disc	
	Chauld have approximately UD 1 and 2000	
	Should have approximately HP 1 and 2800	
	RPM	
	<ul> <li>Should be ergonomically designed heavy</li> </ul>	
	duty, low noise, single speed, with double	
0.40	motor	
2.16	Should have well balanced coarse cutting	
1	wheel and fine polishing wheel to prevent	
1	whose and mic polishing whose to prevent	
	· Should have out a water flow with measing	
1	• Should have auto water now with precision	
1	water control valve	
	<ul> <li>10" carborundum coarse cutting wheel</li> </ul>	

	<ul> <li>Should provide guidelines for AMC for next</li> </ul>	
	five years	
2 17	Mortar & Pestle	
2.17	Ceramic, medium sized.	
	Mouth Mirror	
2.18	Stainless steel, rust proof, autoclavable with	
	detachable tips	
2 10	Mouth Prop	
2.13	As per standards	
	Naber's Probe	
2.2	The instruments should be made up of high	
2.2	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
	Needle Holder( Thumb & Finger Grasp)	
2 21	The instruments should be made up of high	
2.21	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
	Orbans Knife	
2 22	The instruments should be made up of high	
2.22	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
	Orthdontic Spot welders	
	a. Suitable for welding Beta-titanium wire	
	b. Continuous power adjustment in all modes	
2.23	c. 2 settings for adjusting the welding energy 1	
	f xed soldering stage, no continuous soldering	
	d. toggle switch for operating mode	
	e. connection for hand electrode	
0.04	Orthodontic Bonding Tweezer With Bracket	
2.24	Positioner Made in Cormony	
	Made in Germany	
2.25	Orthodontic Mirror	
	Orthodontic Plier Stand	
2.26	High grade Stainless steel, rust proof.	
2.20	autoclavable	
	Oschenbien Chisel	
	The instruments should be made up of high	
2.27	quality stainless steel with satin finish.	
	antimagnetic, rust resistant and acid resistant	
0.00		
2.28	Paraffin Embedding Water Bath	
2.20	Parallelogram Condenser	
2.29	Stainless steel, rust proof, autoclavable	
	Periosteal Elevator	
2.2	The instruments should be made up of high	
2.3	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant	
	Pesso Reamers	
2.31	Stainless Steel Rust Proof Autoclavable ISO	
	Standardized	
	Phantom Heads	
	<ul> <li>Phantom Head with mannequin body and</li> </ul>	
	pneumatic piston for all movements like tilting	
2.32	and rotation, high quality ball & socket neck	
	joint for all movements of the neck and TMJ	
	with provision to even fix TMJ in open position.	
	<ul> <li>Phantom Head with excellent quality face</li> </ul>	

	mask which can be easily retracted, totally		
	closed oral cavity, drain nipple for drainage of		
	water and container for waste water collection		
	of 3 to 5 litres		
	• 1 set of articulator upper and lower jaw set		
	with electic removable gingivel with erticulator		
	• 2 sets of 32 gnathologically contoured ivory		
	teeth with screws.		
	Pindex System		
	Laser beam indicator for accurate pin hole		
	location		
	Should have precision pinhole drilling unit		
	Drill should automatically ponetrate to exact		
2.22	donth		
2.33	Adjustable working position		
	• Adjustable working position		
	• Design should be ergonomic for both sitting		
	and standing operators		
	Comprise of high speed motor for use of		
	pindex drill bur		
0.04	Pippette		
2.34	With automatic pump and all accessories		
-	PKT Set		
2.35	Autoeleveble		
	Plaster Dispenser		
	<ul> <li>Should have a capacity of 20 kgs</li> </ul>		
	<ul> <li>Should be wall mounted</li> </ul>		
	<ul> <li>Should have a stainless steel body</li> </ul>		
	<ul> <li>Should have inside rubber container to</li> </ul>		
2.36	prevent dispersion of dust in the environment		
	Plaster should be protected from humidity		
	and other polluting elements		
	Should dispense plaster in dusty powder		
	form		
	Disitel electronic time en moferme d		
	Digital electronic timer preferred.		
	Plaster Knife		
2.37	Should be made up of stainless steel		
	Should have a wooden handle		
2.20	Plastic Spatula (Agate)		
2.38	Plastic and flexible		
	Polishing Brush		
2.39	Medium sized, autoclavable		
	Poliching Cupo		
2.4	Madium aizad autoalayahla		
	Porcelain instrument kit		
2.41	As per ISO Standard or CE certification or		
	equivalent		
	Porcelain jar for mixing acrylic		
2.42	Made up of Porcelain with Lid with capacity of		
	100-200 ml		
	Portable dental chair		
2 / 3	Suitesse unit with air rotor micromotor scalor		
2.45	and compresser 0.25 LID		
	Portable dental x –ray unit		
2.44	As per ISO Standard or CE certification or		
	equivalent, fully automatic with digital display		
	Posterior Sickle Scaler		
0.45	The instruments should be made up of high		
2.45	quality stainless steel with satin finish		
	antimagnetic, rust resistant and acid resistant		
L		l	1

	Programmable Ceramic Furnace	
	Compatible with all materials in dental ceramic	
	restorations	
	Should allow vacuum and atmospheric firing	
	Should be compatible for furnace soldering of	
	ceramic work and For pressing	
	Should be compatible or special programmed	
	as crystal firing	
	Should have Automatic temperature	
	adjustment and cleaning function	
	Should have -Power failure protection and	
	night mode	
0.40	-Vacuum settings -Lift monitoring and lift	
2.46	speed Fast cooling to stand by temp Firing	
	chamber with minimum of diameter 90mm and	
	height 55mt	
	Should reach Max firing temp 1200*c	
	-Compatible with safety guidelines (Protection	
	class 1)	
	-Accessories to be included: -3 firing muffles	
	with tweezers, firing support, working	
	instructions manualControl pad -LED display	
	- Vacuum pump in sound damping box	
	-Warranty for five years.	
	-Certificate of Guarantee from original	
	manufacturer.	
	Programmable porcelain furnace with vacuum	
	pump	
	Compatible with all materials in dental ceramic	
	restorations	
	Should allow vacuum and atmospheric firing	
	Should be compatible for furnace soldering of	
	ceramic work and For pressing	
	Should be compatible or special programmed	
	as crystal firing	
	Should have Automatic temperature	
	adjustment and cleaning function	
	Should have -Power failure protection and	
0.47	night mode	
2.47	-vacuum settings -Lift monitoring and lift	
	speed Fast cooling to stand by temp Finng	
	boight 55mt	
	Should reach Max firing town 1200*c	
	Compatible with safety guidelines (Protection	
	-Accessories to be included: -3 firing muffles	
	with tweezers firing support working	
	instructions manual -Control pad -I ED display	
	- Vacuum pump in sound damping box	
	-Warranty for five years	
	-Certificate of Guarantee from original	
	manufacturer.	
	Punch Biopsy Set	
2.48	Deposable with size 4mm, 5mm, 6mm	
	Radiovisuography (RVG Full System)/ X Rav	
2.49	Unit	
_	RVG with Computer	

25	Round Condenser	
2.5	Stainless steel, rust proof, autoclavable	
	Rubber Bowl – Large & Small	
0.54	Made up of rubber	
2.51	Should be of available in 2 sizes: Large	
	(690ml) and Small(150ml)	
0.50	Rubber dam kit	
2.52	Pedo kit	
-	RVG Full System)/ X Ray Unit	
2.53	RVG with Computer with pedo sensor and	
	software	
	Schluger Bone File	
	The instruments should be made up of high	
2.54	quality stainless steel with satin finish.	
	antimagnetic, rust resistant and acid resistant	
	Semi adjustable articulator	
	Made of anodized aluminum, hinge axis	
	recorder with the mounting stand full	
	recording system and multi colored pencil	
	leads should come with hinge axis patients	
2.55	araph disc occlude pack mounting palates	
	antomic face bow, allow measurement of	
	condylar displacement in 3 dimension from	
	centric relation to centric occlusion, should	
	come with safe packaging for storage	
	Semiautomatic Analyser (For Biochemical Assay)	
	. Fully automated, random access chemistry	
	analyzer;The equipment should be capable all Routine	
	STAT and special Biochemical tests including specific	
	defined applications, 2. Throughput: 400 tests/hour, up to	
	200t/hour with ISE. 3. Must have dxirect ISE Unit for Na,	
	K and CI Measurement. 4. ISE Electrode should last for 6	
	month. 5. Must be open Ended system with bare code	
	reading (optional). 6. System should have 12 Wavelenths	
	windows based interface and Bidirectional Connection 8	
	Minimum reaction volume of 150 $\mu$ l built in/stand alone.	
	9. Must have built in Cooled Reagent Compartment with	
	minimum 350 ml with sample volume 2- 70 ml. 10 Auto	
	diagnosis of machine errors with message and correction	
2.56	and numbered cuvettes, 12. Separate reagent probe for	
	R1 and R2 and sample. 13. Laundry System with	
	minimum 5 step washing. 14. Sample dead volume	
	maximum100 µl in sample cup and maximum 50 µl in	
	probe cleaning facility 16 calibration should be Linear	
	factor, 2 point/point to point/multi point and Exponential	
	with maximum 8 calibrators per test. 17. Sample type	
	should include Serum, plasma, Urine, CSF, body fluids	
	and Supernatant with at least 70 sample positions for routine and STAT Test, 20 Technical Specification	
	LABORATORY 18. Should have Light Source with	
	minimum 1000 hrs. life cycle with bar code facility with	
	option for bar code on/off. 19. Should have 10, 000	
	Patient Result Storage 20. Online QC Tracking with Levy	
	and seminings chart for upto 30 different points. 21. The Equipment should be FDA/Furonean CF/RIS certified	
	Separator Placing Plier	
2.57	and quality stainless steel	
	Set of 7 Gracev Standard Currettes	
	(Numbered 1to14)	
2.58	The instruments should be made up of high	
	quality stainless steel with satin finish	
1		1

	antimagnetic, rust resistant and acid resistant	
	Shade Guide	
2.59	ISO standardized	
2.6	Single X-Ray View Box (LED) Viewing area(inch): 14"x17", external dimension (mm):500x512x47, color temperature: >8000k, light source: LED, Lamp life 1,00,000 hrs, power: AC100-220V 50Hz, power supply: 45W	
2.61	Slide Storage Cabinet(For Storage of 10,000 Slides) With slot for individual slides	
2.62	Soldering Torch Gas filled torch	
2.63	Sphygmomanometer With Stethoscope As per ISO standardization	
2.64	Spirit Lamp Made up of metal and rustproof	
2.65	Spoon Excavator Stainless steel, rust proof, autoclavable	
2.66	Spot Welder With Soldering, Attachment Of Cable Spot welder with soldering attachment Type Ortho Electrically operated • Voltage110 volts 220 volts • Applications / Indication Electrosoldering, Wire Annealing • Power Settings Up to 200 Amperes • Heat Settings 3 • Electrode Tip Type Copper Carbon welding Positions 1 &2 • Included Components Brass Posts, Footswitch, 7 Copper Welding Tips ,2 Remote Electrode Cords, Insulating Material, Flux Carbon Points, Sample of Solder, 8 ounces of Safety Solvent, Cleaner, 8 ounces of Hot Stop.	
2.67	any reputed firm with ISO 9001:2000 & CE Certification	
2.68	Stainless Steel Drums (Large And Small) Stainless steel, rust proof, autoclavable	
2.69	Stainless Steel Trays 6x6" Stainless steel, rust proof, autoclavable	
2.7	Stereo Microscope <ul> <li>Should have CE certificate</li> <li>Should have minimum 10 installations in government institution.</li> </ul>	
2.71	Straight Probe Stainless steel, rust proof, autoclavable	
2.72	Straight Scissor Stainless steel, rust proof, autoclavable	
2.73	Surface Scalers The instruments should be made up of high quality stainless steel with satin finish, antimagnetic, rust resistant and acid resistant	
2.74	any reputed firm with ISO 9001:2000 & CE	

	Certification	
	Surgical Cassettes For Autoclaving	
	Instruments	
2.75	The instruments should be made up of high	
	quality stainless steel with satin finish	
	antimagnetic, rust resistant and acid resistant	
	Surgical Scissor	
2.76	Stainless steel rust proof autoclavable	
	Surveying Unit	
	Nev Surveyor with borizontal base and upright	
2 77	column Portable compact table ton	
2.11	Surveyor with frequently moving universal joint	
	and tools for survoving	
	Suture Cutting Sciencer	
2.78	Stainless stool rust proof autoclavable	
	1 EINS Machine	
	4 channel i ENS machine with micro-computer	
0.70	controlled digital unit with electrodes	
2.79	converting AC into DC along with reusable	
	free electrically conductive gel and non	
	irriteting, by peollergenie	
	Test Tube Helder	
2.0		
2.8	Contification	
2.04	rest lube Stand	
2.81	Contification	
0.00	Test Tubes	
2.82	Contification	
2 02	any reputed firm with ISO 0001:2000 8 CE	
2.03	Cortification	
2.84	any reputed firm with ISO 9001-2000 & CE	
2.04	Cortification	
	Soldering Torch	
2.85		
	Triple X-Ray View Box (LED)	
	Viewing area(inch): 12"x17" external	
	dimension (mm):1200 $v$ 512 $v$ 47 color	
2.86	temperature: \\$000k light source: LED Lamp	
	life 1 00 000 brs power: $AC100-220V 50Hz$	
	nie 1,00,000 ms, power. A0100-2200 30mz, power supply: 135W/	
	Tracing table for three	
2 87	Should be made of wood, contain LED light for	
2.07	illuminating x-ray films, should be slanting	
	Turret (With Torque)	
2.88	As per ISO standard	
	Turret (Zero Torque)	
2.89	As ner ISO standard	
<u> </u>	Typhodonts articulator - with metal teeth way	
20	rim of Class      & III	
2.3	As ner ISO standard	
	Illtrasonic Cleaner (Sliters)	
2.91	-Should have Lengthened tank Padiator for	
	- Choma have congrience tank, readator fall,	1

	Strong transducer, wet- proof PCBShould	
	have 5 cycles digital timer.	
	-Should have three separable wires. Heater.	
	Industry IC Circuit protector and strong plastic	
	housing	
	-I lltrasonic frequency should be 50-55 KHz -	
	Tank should be made of stainless steel	
	-Minimum Tank canacity should be 5 Litres	
	Power supply should be AC 220 240	
	DU/DUITZ.	
	Accessories should include minimum % Finger	
	Guard Basket, (2) Beakers, (2) Covers, (2)	
	Positioning Rings and (2) Beaker holders.	
	Ultrasonic Cleaner (13liters)	
2.92	Minimum capacity13 litres with mesh bucket	
	with digital timer	
2.02	Ultrasonic Scaling Unit With Scaler Tips	
2.33	Piezoelectric scaler with 5 tips set.	
	UNC 15 Probe	
2.04	The instruments should be made up of high	
2.94	quality stainless steel with satin finish,	
	antimagnetic, rust resistant and acid resistant.	
2.05	Universal Plier	
2.95	Should be made of stainless steel	
	Upper And Lower Dentulous Impression Trays	
	Set of 8-10 perforated trays.	
	Size 0 To 4(Both Upper and Lower)	
2.96	Made of stainless steel	
	Beaded anatomical borders	
	Autoclavable	
	Upper And Lower Edentulous Impression	
	Trave	
	High quality long lasting stainless steel	
	resisting tarnich and corresion	
	Mada of stainland staal	
2.97	Set of 9 10 trave including Linner and Lower	
	Set of 6-10 trays including Opper and Lower	
	Trays Decide decide and the indexe	
	Beaded anatomical borders	
	Should be sterilized by Autoclave, dry heat or	
	immersion without damaging the surface	
2.98	UV Chamber	
	Wall mount size	
	Vacuum Mixing machine	
2 99	Table top model with gauge display and	
2.00	programmatic timing system with vibration	
	option	
3	Vernier Caliper Digital	
0	ISO standardization or CE certification	
3.01	W.H.O Probe	
5.01	Stainless steel, rust proof, autoclavable	
	Wall Hang Model (For Teaching)	
3.02	Dental anatomy, histology oral physiology and	
	embryology. Washable and laminated.	
3 0 3	Wartz Carver	
5.05	Stainless steel, rust proof, autoclavable	
2.04	Waste Receiver	
5.04	Stainless steel, rust proof, autoclavable	

	Wax Block Storage Cabinet(For 5000 Blocks)	
2.05	With insulated lining.	
5.05	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	Wax Carver (Digital)	
3.06	Digitally operated electrical wax carver with	
	two detachable carving tools.	
	Wax Knife	
3.07	Should be made up of stainless steel	
	Should have a wooden handle	
	Wax Spatula	
3.08	Should be made up of stainless steel	
0.00	Should have a wooden handle	
	Weight Machine (DIGITAL)	
3.09	As per ISO standards	
	Williams Probe	
	The instruments should be made up of high	
3.1	quality stainless steel with satin finish	
	antimagnetic, rust resistant and acid resistant	
	Mire Cutter, Steipless Steel	
3.11	Should be made of tungeton carbide	
	Mark Table Dreferably Complete Steinlass	
	Steel Fitted with Light Runsen Runner Air	
	Steel Filled with Light, Bunsen Burner, Air	
3.12	Blower working Stool.	
	Table (45°L X 29° VV X 34° H), top should be	
	made up of stainless steel and have two	
	drawers	
	VVorking Stool Lab	
3.13	Should be a five-wheel surgical stool with	
	pneumatic piston for neight adjustment, seat	
	and backrest.	
3.14	X-Ray Hangers	
	X-Ray VIEW BOX (LED)	
	Viewing area(inch): 28°x17°, external	
3.15	dimension (mm):850x512x47, color	
	temperature: >8000k, light source: LED, Lamp	
	life 1,00,000 hrs, power: AC100-220V 50Hz,	
	power supply: 90W	
	Air Polisher	
	Compatible with 2 hole turbine units	
3 16	Autoclavable to a temperature of 1350C Water	
0.10	pressure – 0.05 MPa to 0.5	
	MPa	
	Water flow -30ml/min max.	
	Electrosurgical cautery	
	Multiple operating modes	
3.17	Multiple power level settings	
	Electrode tip sets in various designs	
	ISO and CE certified	
3 18	Zoe Mixing Spatula-Stainless Steel	
0.10	Stainless steel, autoclavable	 
3 10	CBCT upit	
5.19		 
	SLIDES:- (Total 74) (All the under mentioned	
Δ	slides must be of any reputed firm with ISO	
	certification and supply to at least 5	
	government institution)	

4.01	Acellular Cementum (Decalcified)	
4.02	Acellular Cementum (GS)	
4.03	Advanced Bell Stage	
4.04	Bell Stage	
4.05	Bones	
4.06	Bud Stage	
4.07	Bundle Bone	
4.08	Cap Stage	
4.09	Cell Rest Of Malassez	
4.1	Cells	
4.11	Cellular Cementum (Decalcified)	
4.12	Cellular Cementum (GS)	
4.13	Cemento Enamel Junction (I,Ii,Iii)	
4.14	Cementum	
4.15	Circumvallate Papillae	
4.16	Compact Bone	
4.17	Dead Tracts	
4.18	Dental Lamina	
4.19	Dentine	
4.2	Dentinoenamel Junction	
4.21	Diffuse Calcification	
4.22	Enamel Lamellae	
4.23	Enamel Rods And Striations	
4.24	Enamel Spindles	
4.25	Enamel Tufts	
4.26	Epithelial Cells	
4.27	Fibers Of Periodontal Ligament	
4.28	Fibroblasts And Fibrocytes	

4.29	Filiform Papillae	
4.3	Foliate Papillae	
4.31	Fordyce Spot	
4.32	Fungiform Papillae	
4.33	Giant Cells	
4.34	Gnarled Enamel	
4.35	Goblet Cells	
4.36	Hard Palate (Zone I, And Ii)	
4.37	Histology Of Hard Palate	
4.38	Histology Of Lip\	
4.39	Hunter Schreger Bands	
4.4	Hypercementosis	
4.41	Incremental Lines	
4.42	Interglobular Dentine	
4.43	Linining Maxillary Sinus	
4.44	Mixed Glands	
4.45	Mucuos Glands	
4.46	Nonkeratinised Epithelium	
4.47	Odontoblast (At Coronal Cervical And Apical Region)	
4.48	Odontoblasts	
4.49	Oral Mucous Membrane	
4.5	Orthokeratinised Epithelium	
4.51	Osteoblasts And Osteocytes	
4.52	Parakeratinised Epithelium	
4.53	Peri Tubular And Intertubular Dentine	
4.54	Periodental Ligament	
4.55	Periosteum	
4.56	Primary & Secondary Dentine	

4.57	Pulp	
4.58	Pulp Stone (False)	
4.59	Pulp Stone (True)	
4.6	PulpFibrosis	
4.61	Resting And Reversal Lines	
4.62	S- Shaped Dentinal Tubules	
4.63	Sclerotic Dentine	
4.64	Secondary Dentine	
4.65	Serous Glands	
4.66	Soft Palate	
4.67	Spongy Bone	
4.68	Striae Of Retzius	
4.69	Taste Buds	
4.7	Tomes Granular Layer	
4.71	Tooth Development	
4.72	Ventral Surface Of Tongue	
4.73	Y-Shaped Dentinal Tubules	
4.74	Zones Of Pulp	
5	Department of Oral Pathology	
5.01	AUTOMATIC TISSUE PROCESSOR Metal / Polypropelene tissue baskets each with a capacity of 160-200 cassettes to be met by either single or double baskets. 3.2 The tissue baskets should be such that they have a firm bottom and do not get stuck to the sides of the reagent stations. 3.3 Reagent stations – Number of vessels: 10 (0.5- 1 litres each) 3.4 Paraffin stations– Number: 2 ( 0.5- 1 litres each) – Temperature setting range: 45 – 70°C with tempera ture cut out facility (Temperature should be mentioned ) 3.5 Computerized freely selectable and freely programmable Facility should be available. Easy editing and changing of programmes should be possible even during a processing run Infiltration time for each station should be separately programmable. Program start delay should be selectable without time limit. 3.6 In-built Vacuum function with fume control device. 3.7	

	Safety device for protection for drying of	
	specimen in case of power failure The buckets	
	should go back inside the respective solution	
	when power fails and not hang in mid air. 3.8	
	LCD display panel with ergonomic control, fully	
	protected control with full protection key board.	
	audible alarm warning/ error message, 3.9	
	Machine should be able to cater to short time /	
	quick process 3 10 Interrupting an automatic	
	processing for reloading or removing cassettes	
	before the end of a run should be possible	
	2 11 Should be an open system capable of	
	Using standard cassottos from open markets	
	AUTOCLAVE (front loading)	
	Q Front loading fully outomatic outcolory with	
	Ø Front loading fully automatic autoclave with	
	microcontroller. Ø Should be able to program	
	and monitor temperature and pressure Ø	
5.02	These should be alarm for water level, door	
0.02	locking and cycle error. Ø The system should	
	have pressure safety valves. Ø The capacity of	
	the chamber should be between 20-30 litres. Ø	
	No of trays: 02 Ø Spares: Heating coil (01),	
	gasket (01)	
	ELECTRONIC SINGLE PAN BALANCE	
	(DIGITAL)	
	An electronic precision balance with maximum	
	capacity of 1000 g and Readability of 0.01 g	
	with pan sitting on the top 2. Internal	
	Calibration option should be available 3.	
	Repeatability (sd) ±0.01 g 4. Linearity ±0.02 g	
5.03	5. Response time- 1.5 s or less 6. Weight	
0.00	conversion- Kg. g. mg <sup>-</sup> Tare range- Full to	
	Capacity 7 Connectivity - RS232 interface 8	
	Weighing pan dimensions $\sim q$ 160 mm OR	
	200x200 mm 9 Safety features: Overload	
	protection: Protection from dust and water :	
	Chemically resistant body 10 International	
	Certifications: ISO certification	
	TWIZED	
5.04	from any reputed firm with ISO 0001,2000 8	
	CE Contification	
	FLASK (GLASS)	
5.05	from any reputed firm with ISO 9001:2000 &	
	CE Certification	
	Temp: 37 degree C (Temp. variation $\pm 0.5$ o C)	
	(Memmert type), Temp range: ambient to 80	
	oC 2 Made up of Stainless steel, inner	
	chamber 304, outer ss powder coated. 3 Triple	
	wall with special grade glass wool insulation 4	
E OG	Long lasting stainless steel tabular heaters	
0.00	with fins 5 Full length inner plexi-glass door. 6	
	Castor wheel mounted tie easy movability 7	
	Proper air circulation for uniformity. 8	
	Temperature Control: Digital Control.	
	Microprocessor based controller for mains.	
	heating, and cooling with separate indicator	
	lights. 9 Capacity: - 15 cu. ft. with 3 shelves.	

	made of stainless steel and inner illumination with sleek fluorescent tubes. 10 Equipment to be supplied with Suitable Voltage stabilizer 11 The apparatus should confirm to national or international standards with latest amendments covering Markings, Safety requirements with recommendations of safe operations from any reputed firm with ISO 9001:2000 & CE Certification	
5.07	<ul> <li>Sturdy rugged microscope stand for transmitted light application for long lasting LED lamp illumination high demanding illumination needs suitable for observation and photomicrography under bright field light application &amp; microscope should also be suitable for phase contrast as well DIC for plastic vessels application.</li> <li>Binocular phototube should be inclined at 20° for better ergonomic &amp; field of view should be 23 mm or higher with light distribution should be (100:0/0:100) for observation under transmitted light application.</li> <li>Widefield focusable 10x eyepieces with larger field of view should be 23 mm or higher for observation under microscopic application.</li> <li>&amp; revolving nosepiece with high quality Infinity color contrast corrected optical system based objective 5x, 10x, 20x, 40x, 100x (oil) for bright fileld, phase contrast. It should have provision for DIC with pastic vessels facility for future. It should be antifunguls treated optics guaranteed/certified by the manufacturers.</li> <li>Option for increasing the height of the microscope, continuously adjustable for specimen thicknesses from 0 to 110 mm (alternative configuration)</li> <li>Large circular disc type Intensity regulator &amp; focusing knob placed both side, accessible from both side for better ergonomic.</li> <li>Penta head system complete attachment also should be upgradable to multi viewing facility upto 10 to maximum 30 coobservers with tube field-of-view 23 mm or higher. The discussion tube should have dimmable LED pointer in three interchangable colors (red, green, white)</li> <li>It should be CS/CSA &amp; ISO 13485:2003, 2012, ISO 9001:2008, CE certified for environmental &amp; quality control and also approved by TUV for ergonomics</li> </ul>	

	(certificate should be enclosed by	
	(contineate enouge se enoiceed sy	
	lianulaciulei)	
	• Upgradable for atleast 20neads facilities	
	Photography system:	
	Scientific grade high resolution microscopy	
	comoro 5 0 Mogonivolo 8 nivel size should	
	camera 5.0 Megapixeis & pixer size snould	
	be: 2.2 µm x 2.2 µm or	
	higher Frame Rate maximum 47 fps or	
	higher & Exposure time: 100µs to 2 s.	
	with c-mount 0.5x adapter	
	Imaging software for image acquisition	
	capturing, live image preview, white	
	balance adjustment, interactive	
	measurement, angel, cantour, free form	
	measurement etc complete suitable	
	desktop computer (Lenovo/HP/DELL)	
	abould be gueted along with the system	
	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	EMBEDDING STATION	
	Should have symmetrical and unobstructed	
	workspace	
	Should haveEasy-to-open spacious travs for	
	efficient access to cassettes and molds	
	Should have bright white LED for contrast	
	and visibility of the most transparent samples	
	• Should have Easy to clean metal frame and	
	· Should have Easy to clean metal frame and	
	• Operating temperatures: 50 °C to 75 °C,	
	adjustable in 1 °Cincrements	
	Removable tray: approx. 100 cassettes	
	Paraffin tank: Max. 4 L	
	Illumination: LED White	
	Display: 5.7 inch capacitive LCD touch	
	screen	
	• Power supply: 110-120 V AC, 220-240 V AC,	
	50/60Hz	
5.08	• Power consumption: 1000 VA max	
	• Environmental operating temperature: +20 °C	
	$10 \pm 30$ °C	
	10 + 30 C	
	00 11111 Weight 05 by	
	• Weight: 25 kg	
	Optional accessories:	
	User-friendly magnifier	
	Pre-filter for melted paraffin	
	Foot switch	
	Cold Plate	
	Operating temperature: -6 °C (self-regulating)	
	Min. guaranteed workload capacity: 60 blocks	
	solidified in 30 minutes	
	Other Specifications	
	Power supply: 100V/110-120 V/ AC/220-240 V	
	AC 50/60Hz	
	Power consumption: 400 VA max	
1		1

	Environmental operating	
	temperature range: +20 °C to +30 °C	
	Heatable Forcens	
	Dimensions $(d \mathbf{x} \mathbf{w} \mathbf{x} \mathbf{b})$ : 605 mm x 400 mm x	
	385 mm Wojaht: 30 kg	
	Dimensional ( $d_{X} w \times h$ ): 155 mm × 80 mm ×	
	Dimensions (u x w x n). Too min x oo min x	
	100 mm, vveight: approx. 1.5 kg	
	Operating temperature range: +15 °C to +40	
	°C	
	Should have CE certificate	
	<ul> <li>Should have minimum 10 installation in</li> </ul>	
	government institution	
	Biochemical analyser	
	. Fully automated, random access chemistry	
	analyzer;The equipment should be capable all	
	Routine STAT and special Biochemical tests	
	including specific protein, threrapeutic grugs,	
	drugs of abuse and user defined applications.	
	2. Throughput: 400 tests/hour, up to 200t/hour	
	with ISE. 3. Must have dxirect ISE Unit for Na.	
	K and CI Measurement, 4, ISE Electrode	
	should last for 6 month, 5. Must be open	
	Ended system with bare code reading	
	(optional) 6 System should have 12	
	Wavelenths 340 to 700 nm 7 System should	
	be supplied with PC, windows based interface	
	and Bidirectional Connection 8	
	Minimum reaction volume of 150 ul built	
	in/stand along 0. Must have built inCooled	
	reagent Comportment with minimum 250 ml	
	with complex volume 2, 70 ml, 10 Auto	
	with sample volume 2-70 mi. 10 Auto	
	diagnosis of machine errors with message and	
	correction steps. 11. Must have on board	
5.09	capacity for permanent and numbered	
	cuvettes. 12. Seperate reagent probe for R1	
	and R2 and sample. 13. Laundry System with	
	minimum 5 step washing. 14. Sample dead	
	volume maximum100 µl in sample cup and	
	maximum 50 µl in peadiatric cups. 15. Should	
	have external and internal probe cleaning	
	facility. 16. calibration should be Linear factor,	
	2 point/point to point/multi point and	
	Exponential with maximum 8 calibrators per	
	test. 17. Sample type should include Serum,	
	plasma, Urine, CSF, body fluids and	
	Supernatant with atleast 70 sample positions	
	for routine and STAT Test. 20 Technical	
	Specification LABORATORY 18. Should have	
	Light Source with minimum 1000 hrs life cycle	
	with bar code facility with option for bar code	
	on/off. 19. Should have 10, 000 Patient Result	
	Storage 20. Online QC Tracking with Levy and	
	Jennings Chart for upto 30 diffrent points, 21.	
	The Equipment should be FDA/European	
	CE/BIS certified.	
<u> </u>	MICROTOME AUTOMATIC	
_	Fully Automatic: Microtome	
5.1	Compact, ergonomic design	
	Ergonomically designed handwheel handle	

Smooth-running handwheel with integrated	k k k k k k k k k k k k k k k k k k k	
quick-lock mechanism for safety		
<ul> <li>Enclosed micrometer feed mechanism</li> </ul>		
Low-maintenance cross-roller bearings		
<ul> <li>Two forward and backward coarse feed</li> </ul>		
speeds		
Alternate trimming and sectioning modes,	as	
indicated on the display		
• Speed control through the cutting window	for	
enhanced efficiency		
<ul> <li>Automatic, variable specimen retraction,</li> </ul>		
depending on sectioning speed		
<ul> <li>Section thickness totalizer and section</li> </ul>		
counter		
<ul> <li>Intuitive control panel</li> </ul>		
<ul> <li>Integrated communication display</li> </ul>		
<ul> <li>Precise specimen orientation with zero point</li> </ul>	nt	
reference		
One-hand operated universal cassette clam	p	
<ul> <li>Completely new knife holder design with re</li> </ul>	ed	
colored knife guard		
<ul> <li>Precise lateral knife holder adjustment with</li> </ul>	ר	
click stop settings		
<ul> <li>Spacious and easy-to-clean section waste</li> </ul>		
tray		
Wide range of accessories		
Section thickness:		
Section thickness setting range: 0,5 – 100 ii	m	
Setting values: from $0.5\mu m - 5 \mu m$ in $0.5 \mu m$	n-	
increments		
from 5 – 20 $\mu$ m in 1 $\mu$ m-increments		
from $20 - 60 \mu\text{m}$ in 5 $\mu\text{m}$ -increments		
from 60 – 100 $\mu$ m in 10 $\mu$ m-increments		
I rimming section		
thickness setting range: 1 – 600 lm		
Setting values: from 1 – 10 µm in 1 µm-		
from 10, 20 um in 2 um incremente		
from 20 $\pm$ 50 µm in 5 µm increments		
from $50 - 50 \mu \text{m} \text{ in } 5 \mu \text{m} \text{-increments}$		
from $100 - 600$ µm in 50 µm increments		
Object feed: 28 mm +1 mm feed motion via		
stop motor		
Vertical specimen stroke: 70 mm		
Sectioning modes: 4		
Specimen retraction:		
in manual operation: $5 - 100 \text{ µm}$ in 5 µm-		
increments can be turned off in motorized		
operation: varving with the sectioning spee	ed.	
can be turned off		
Electric coarse feed: 300 um/s und 900 um/	s	
Sectioning speed: $0.5 - 420 \text{ mm/s} \pm 10\%$	-	
Maximum specimen size (L x H x W): 50 x 6	50 I	
x 40 mm		
•Should have more minimum 10 installation		
with customer details.	,	
Should have CE certificate		

	LAB MICROMOTOR	
5.11	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	MODEL TRIMMER	
5.12	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	PARAFIN EMBEDDING WATER BATH	
5.13	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	LABORATORY LATHE	
	Heavy duty motor HP-1, equipped with two	
5.14	ball	
	bearing with high RPM 2800 with suction	
	Display- I CD/DI P/SXRD	
5.15	LIGHT OUT PUT- 9500 LUMEN (MINIMUM)	
	features ISB HDMI I AN WIFI Audio out put	
5 16	any reputed firm with ISO 9001.2000 & CE	
0.10	Certification	
5 17	any reputed firm with ISO 9001.2000 & CE	
0.17	Certification	
5 18	any reputed firm with ISO 9001.2000 & CE	
5.10	Cortification	
5 10	any reputed firm with ISO 0001:2000 & CE	
5.19	Cortification	
5.2	any reputed firm with ISO 0001:2000 8 CE	
5.2	Cortification	
5 21	any reputed firm with ISO 9001:2000 & CE	
5.21	Certification	
	BEAKERS	
5 22	any reputed firm with ISO 9001-2000 & CE	
5.22	Cortification	
	ACRVLIC IAR (assorted)	
5 23	any reputed firm with ISO 9001-2000 & CE	
0.20	Certification	
	PIPPETTE (with all accessories)	
5 24	any reputed firm with ISO 9001-2000 & CE	
0.24	Certification	
5 25	$(0.2-10\mu)$ 20-200 $\mu$ 100-1000 $\mu$	
0.20	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	1) Zoom Stereo Microscope Body with zoom	
	ratio 8.1 with zoom setting more than 10	
	position zoom position	
	(switchable Zoom clicketone 0.63v-0.8v-1v-	
5.26	$1.25v_1 6v_2v_2 5v_3 2v_4v_4 5v_5v_1$	
	$\begin{array}{c} 1.201 \\ 1.01 \\ 2 \end{array}$	
	to 100x & can be extended unto 250x	
	3) Widefield focuse blo eveninges 10x with 22	
	mm field of view	

	4) Stand fitted with with broad base easy - to – reach controls for focusing, zoom changer and illumination Photoport with 100% switch between right eyepath and camera, incl. interchangeable 60N camera adapter 0.5x with c-mount interface	
	5) Ergonomic Binocular phototube inclined at 35° with built-in Plan-apochromatic objective & eyepieces that cover large area of sample 35.4mm to 4.6 mm. Greenough/telescopic based optical system. Optical resolution should be 450 lp/mm or higher	
	6) Working distance should be 35-92mm or higher.	
	7) 350/450 mm column stand with broad base with working area should be 210x160 mm for along with light guide and 2 sliding reflectors for transmitted brightfield and darkfield application compatible with halogen lamp 15V 150 watt cold light source illumination and 560 mm gooseneck fibre optic dual light guide for incident light application & long lasting LED (color tempreture should be 5600K) for transmitted light application.	
	<ol> <li>Optics should be anti-fungus treated &amp; certified upto three years from the principal (certificate should be attached)</li> </ol>	
5.27	VERNIER CALIPER DIGITAL	
5.28	MODEL OF TOOTH (FOR TEACHING)	
5.29	WALL HANG MODEL (FOR TEACHING)	
5.3	PUNCH BIOPSY SET	
5.31	ALLES TISSUE FORCEPS	
5.32	TWIZEER	
5.33	ARTERY FORCEP "6" STRAIGHT	
5.34	ARTERY CURVED "6" CURVE	
5.35	B.P. HANDLE	
5.36	NEEDLE HOLDER	
5.37	SUTRUVE CUTTING SCISSOR	
5.38	LAMINAR FLOW UNIT (FOR MICRBIOLOGY)	

5.39	BENCHES FOR STAINING	
5.4	Autostainer: Compact, space saving H&E stainer for routine applications • High specimen throughput • Simultaneous realization of various different staining protocols • Exact incubation times • Continuous slide unload / reload function without having to interrupt a staining cycle or open the lid • Simple, menu-driven programming • Incubation times and sequence of use of reagent stations freely programmable • Integrated oven for optimal slide drying • Reagent containers can be exchanged quickly and easily • Integrated fume extraction system with activated charcoal filter • Minimized user exposure to hazardous reagent fumes • Easy-to-clean and resistant surfaces made out of polyester epoxy resin and stainless steel. Specimen slide throughput: at least 200 specimen slides per hour (depending on the selected program – up to 600 slides per hour) Loading capacity: 11 slide racks Loading capacity per slide rack: 30 specimen slides Total number of processing stations: 26 Reagent container volume: 450 ml Number of wash stations: max. 5 Oven: 1 Oven chamber temperature: off or 30 °C to 65 °C Incubation time setting: from 0 sec. up to 99 min, 59 sec. Load / unload stations: 1 each Permanent memory capacity: 15 programs, up to 25 program steps each Dimensions (W x D x H): 109 cm x 67 cm x 51 cm 42.2 in. x 26 in. x 20 in. Weight: 65 kg/143 lbs. Voltages: 110 V - 120 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz 230 V - 240 V, 50 Hz - 60 Hz • Should have minimum 10 installations in government institution. MICRO SLIDE PROJECTOR (FOR TEACHING)	
0.41	any reputed firm with ISO 9001:2000 & CE Certification	

	STEEL TRAY (RECTANGULAR) 16INCH X12	
5 42	INCH	
0.12	Should have minimum 05 installations in	
	government institution	
	WAX BLOCK STORAGE CABINET(FOR 5000	
5.43	BLOCKS)	
	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	SLIDE STORAGE CABINET (For storage of	
5.44	10,000 slides)	
0.11	Should have minimum 05 installations in	
	government institution	
5.45	any reputed firm with ISO 9001:2000 & CE	
	Certification	
	AUTOMATED CELL COUNTER (FOR	
5.46	HEMATOLOGY)	
	Should have minimum 05 installations in	
<b>F</b> 4 <b>7</b>	PRP CENTRIFUGE UNIT	
5.47	any reputed firm with ISO 9001:2000 & CE	
	AUTOMATIC HARD TISSUE MICROTOME	
E 40	Contification	
5.40	Certification Should have minimum OF installations in	
	Should have minimum 05 installations in	
5 40	any reputed firm with ISO 0001:2000 & CE	
5.49	Certification	
	MICROWAVE LAB GRADE (FOR	
5.5	Should have minimum 05 installations in	
	avernment institution	
	SLIDES:- Oral Pathology & DADH	
	(All the under mentioned slides must be of any	
6	reputed firm with ISO certification and supply	
-	to at least 5 government institution)	
	, and the second s	
0.01	Accellular Compatium (Decoloified)	
0.01	Aceliular Cementum (Decalcined)	
6.02	Acellular Comentum (CS)	
0.02	Aceliular Cementum (GS)	
6.02	Advanced Ball Store	
0.03	Advanced Bell Stage	
6.04	Roll Stage	
0.04	Dell Stage	
6.05	Bonos	
0.05	Dones	
6.06	Bud Stage	
0.00		
6.07	Bundle Bone	
0.07		
6.08	Cap Stage	
0.00		
6.09	Cell Rest Of Malassez	
5.00		

6.1	Cells	
6.11	Cellular Cementum (Decalcified)	
6.12	Cellular Cementum (GS)	
6.13	Cemento Enamel Junction (I,Ii,Iii)	
6.14	Cementum	
6.15	Circumvallate Papillae	
6.16	Compact Bone	
6.17	Dead Tracts	
6.18	Dental Lamina	
6.19	Dentine	
6.2	Dentinoenamel Junction	
6.21	Diffuse Calcification	
6.22	Enamel Lamellae	
6.23	Enamel Rods And Striations	
6.24	Enamel Spindles	
6.25	Enamel Tufts	
6.26	Epithelial Cells	
6.27	Fibers Of Periodontal Ligament	
6.28	Fibroblasts And Fibrocytes	
6.29	Filiform Papillae	
6.3	Foliate Papillae	
6.31	Fordyce Spot	
6.32	Fungiform Papillae	
6.33	Giant Cells	
6.34	Gnarled Enamel	
6.35	Goblet Cells	
6.36	Hard Palate (Zone I, And Ii)	
6.37	Histology Of Hard Palate	

6.38	Histology Of Lip	
6.39	Hunter Schreger Bands	
6.4	Hypercementosis	
6.41	Incremental Lines	
6.42	Interglobular Dentine	
6.43	Linining Maxillary Sinus	
6.44	Mixed Glands	
6.45	Mucuos Glands	
6.46	Nonkeratinised Epithelium	
6.47	Odontoblast (At Coronal Cervical And Apical Region)	
6.48	Odontoblasts	
6.49	Oral Mucous Membrane	
6.5	Orthokeratinised Epithelium	
6.51	Osteoblasts And Osteocytes	
6.52	Parakeratinised Epithelium	
6.53	Peri Tubular And Intertubular Dentine	
6.54	Periodental Ligament	
6.55	Periosteum	
6.56	Primary & Secondary Dentine	
6.57	Pulp	
6.58	Pulp Stone (False)	
6.59	Pulp Stone (True)	
6.6	PulpFibrosis	
6.61	Resting And Reversal Lines	
6.62	S- Shaped Dentinal Tubules	
6.63	Sclerotic Dentine	
6.64	Secondary Dentine	
6.65	Serous Glands	

6.66	Soft Palate	
6.67	Spongy Bone	
6.68	Striae Of Retzius	
6.69	Taste Buds	
6.7	Tomes Granular Layer	
6.71	Tooth Development	
6.72	Ventral Surface Of Tongue	
6.73	Y-Shaped Dentinal Tubules	
6.74	Zones Of Pulp	
6.75	EPITHELIAL TUMORS	
6.76	Papilloma	
6.77	Verrucous Carcinoma	
6.78	Hperkeratosis	
6.79	Acanthosis	
6.8	Well differentiated squamous cell carcinoma	
6.81	Basal cell carcinoma	
6.82	CYSTS	
6.83	Nasopalatine cyst	
6.84	Radicular cyst	
6.85	Dermoid cyst	
6.86	Dentigerous cyst	
6.87	Calcifying Odontogenic Cyst	
6.88	ODONTOGENIC TUMORS	
6.89	Adenomatoid odontogenic tumor	
6.9	Ameloblastoma in odontogenic cyst	
6.91	Ameloblastic fibroma	
6.92	AcanthomatousAmeloblastoma	
6.93	Follicular Ameloblastoma	

6.94	Calcifying Epithelial Odontogenic Tumor	
6.95	КСОТ	
6.96	PREMALIGNANT DISEASES	
6.97	Epithelial Dysplasia	
6.98	Lichen Planus	
6.99	OSMF	
7	Carcinoma in Situ	
7.01	CONNECTIVE TISSUE TUMORS	
7.02	Giant Cell Tumor	
7.03	Fibrosarcoma	
7.04	Cavernous Hemangioma	
7.05	Lymphangioma	
7.06	Hemangioma	
7.07	DENTAL CARIES	
7.08	Smooth surface caries	
7.09	Pit and fissure caries	
7.1	Cemental Caries	
7.11	SALIVARY GLAND DISEASES AND TUMORS	
7.12	Warthin's Tumor	
7.13	Adenocystic carcinoma	
7.14	Mucocele	
7.15	Mucoepidermoid carcinoma	
7.16	Pleomorphic adenoma	
7.17	BONE PATHOLOGY	
7.18	Paget's disease	
7.19	Cherubism	
7.2	Fibrous dysplasia	
7.21	Ossifying fibroma	

7.22	INFECTIONS	
7.23	Tuberculous lymphadenitis	
7.24	Osteomyelitis	
7.25	Candidiasis	
7.26	MUCOCUTANEOUS DISORDERS	
7.27	Pemphigoid	
7.28	Pemphigus	
7.29	Lichen planus	
7.3	Erythema multiforme	
8	CONSERVATIVE, ENDODONTICS & AESTHETIC DENTISTRY	
8.01	<ul> <li>AMALGAMATOR</li> <li>The equipment should have:</li> <li>Ergonomic design, easy to use, stable, extremely quiet and easy to clean and maintain</li> <li>Solid state timer.</li> <li>With auto proportion &amp; auto dispensing</li> <li>Ideal for all kind of silver ,mercury and capsules,</li> <li>This equipment is offered with reusable mixing caps</li> <li>High speed mixing in seconds</li> <li>Revolution sd: 3000- 4500 r.p.m</li> <li>Controlled by a microprocessor, ensures a precise, controlled, consistent mix with the width of the oscillating range, the mixing frequency, and your selected time</li> <li>Should be present in minimum 5 government dental institutions.</li> <li>CE certified.</li> </ul>	
8.02	AUTOMATIC DEVELOPER • Technical Specifications Dimensions : Width : 250-350mm Depth : 600-800mm :Height : 300-400mm: Weight : 10-15 kg: Tank capacity : 1.0-1.5 lts . • Ergonomic design, easy to use, stable, extremely quiet and easy to clean and maintain • should be assembled with day light loader. • Should be present in minimum 5 government dental institutions. • CE certified.	
8.03	<ul> <li>INJECTABLE GUTTA PERCHA</li> <li>Desktop model</li> <li>Optimum bio-compatibility</li> <li>Ergonomic design, easy to use, stable, extremely quiet and easy to clean and maintain</li> </ul>	

	<ul> <li>Viscosities available to meet every</li> </ul>	
	requirement	
	Should be present in minimum 5 government	
	dental institutions.	
	Temperature control model.	
	Ce certified.	
	PLASTER DISPENSER	
	• Wall mounted style, save the storage room.	
	Store the plaster in occluding	
	envitoment without dust contamination.	
	Separating storage in several buckets make	
	the operating in easy way.	
	• Automatic and stable dispensing according to	
	the required volume.	
8.04	• The buckets resistance of moisture hard to	
0.0.	be blocked	
	Long term and safe using once installed	
	Electric hanging	
	• Fasy to use	
	• minimum capacity Of 15 kgs	
	Should be present in minimum 5 government	
	dental institutions	
	• CE certified	
	Benchton model	
	• minimum capacity Of 15 Its	
8.05	digital lavout	
0.00	• Should be present in minimum 5 government	
	dental institutions	
	• CF certified	
	• Should have apporximately HP 1 & 2800	
	RPM	
	Ergonomically designed	
	Heavy duty, low noise, single speed with	
	double motor	
0.00	Should have a balanced coarse coarse	
8.06	cutting wheel.	
	Should provide cutting with diamond and	
	carborundum disc	
	• Splash Shield	
	• Should be present in minimum 5 government	
	dental institutions.	
	CE certified.	
	PINDEX SYSTEM	
	Intended for indoor use	
	<ul> <li>Operational ambient conditions</li> </ul>	
	Temperature –5°C to +40°C (41°F to 104°F) •	
	Relative humidity 50% to 80%	
8.07	Laser beam indicator for accurate pin hole	
	location	
	<ul> <li>Should have precision pin hole drilling</li> </ul>	
	Ergonomic design	
	Should have a high speed motor	
ļ	• CE certified.	
	VACUUM MIXER	
8.08	I able top model	
2.00	Snould have programmatic time system with	
	vibration option	

	<ul> <li>Should have Digital Display</li> </ul>	
	<ul> <li>Adjustable Vacuum Level</li> </ul>	
	<ul> <li>Automatic coupling system</li> </ul>	
	Rotation speed 300-400 tr/min	
	should be Delivered with 2 bowls of differnt	
	volumes	
	In-built filter	
	Splash Shield	
	Fragonomic design easy to use stable	
	extremely quiet and easy to clean and	
	maintain	
	Should be present in minimum 5 government	
	dental institutions	
	• CE certified	
	• should have Grin Shells	
	• should be ideal for Lab Burs	
	PDM Parga 1000 to 50 000 PDM	
	• RFM Range 1000 to 50,000 RFM	
	Longth100 140 mm	
	• Lengui 100-140 mm	
	• Maximum RPM50000	
° 00		
0.09	• Should have Verieble Speeds	
	• should have a light weight Lendrices	
	• Ergonomic design, easy to use, stable,	
	extremely quiet and easy to clean and	
	maintain	
	Snould be present in minimum 5 government	
	dental Institutions.	
	• CE certified.	
	Ceramic unit	
	Compatible with all materials in dental	
	ceramic restoration	
	Should allow vaccum and ceramic firing	
	• Should be compatible for furnace soldering of	
	ceramic work and pressing	
	Should have automatic temperature	
	adjustment & cleaning function	
	Should have power failure protection & night	
8.1	mode	
_	Should reach a maximum firing temperature	
	of 1200 0c	
	Should have a LED Display	
	• Should have a vaccum pump.	
	• Ergonomic design, easy to use, stable,	
	extremely quiet and easy to clean and	
	maintain	
	Should be present in minimum 5 government	
	dental institutions.	
	• CE certified.	
9	Periodontology & Oral Implantology	
	Air Polisher	 
	Compatible with 2 hole turbine units	
9.01	Autoclavable to a temperature of 135°c	
	Water pressure-0.05 MPa to 0.5 MPa	
	Waterflow-30ml/min max.	

	Electrosurgical Cautery	
0.02	Multiple operating modes	
9.02	Flectrode tip sets in various designs	
	ISO and CE certified	
9.03	Ultrasonic cleaner Minimum 13 ltrs. capacity with mesh bucket	
10	ORTHODONTICS & DENTOFACIAL ORTHOPEDICS	
10.01	Cephalometric tracing table for three	
10.02	Electropolisher	
10.03	Base formers, small, large, medium ( upper and lower)	
10.04	Typhodont articulator - with metal teeth wax rim of Class I, II & III	
10.05	Semi adjustable articulator	
10.06	Microetcher set with Aluminum oxide powder	
10.07	Cephalometric and soft tissue analysis software with compatible Computer	
10.08	Orthodontic mini implant starter kit	
10.09	Vibrator	
10.1	Digital SLR camera with Ring flash and Macro lens	
10.11	Intraoral photographic metal mirror	
10.12	ORTHODOTNIC BRACKETS FOR FIXED APPLIANCES TREATMENT – MBT & ROTH A. Roth 022 Metal Brackets	
10.13	ORTHODOTNIC BRACKETS FOR FIXED APPLIANCES TREATMENT – MBT & ROTHB. MBT 022 Metal brackets	
10.14	Torque angulation reference guide(TARG) device and bracket positioner device(BPD)	
10.15	Turret (with torque, without torque)	
10.16	Lingual turret	
11	Set of orthodontic pliers	
11.01	Hard Wire Cutter with TC tip(moun)	
11.02	Three prong plier	
11.03	Posterior Band removing pliers	
11.04	Lingal debonding pliers	
11.05	Lingal distal end cutter	
11.06	Lingual ligature cutter	

11.07	Lingual weingart plier (90 degree bend)	
11.08	Lingual ligature director	
11.09	Lingual Mathieu plier	
11.1	Lingual bracket tweezers	
11.11	2D lingual bracket tweezer (3mm, 4mm, 5mm)	
11.12	Lingual Torqing key with picker	
11.13	Cinch back plier	
11.14	Hook crimping plier	
11.15	Bracket Tweezers (straight)	
11.16	Bracket Tweezers (curved)	
11.17	Hammerhead plier	
11.18	Bracket positioning (MBT)gauge	
11.19	Mathieu Forceps	
11.2	Separator Placing Plier	
11.21	V – stop plier	
11.22	Nance loop plier	
11.23	Omega loop forming plier	
11.24	Headgear bending plier	
12	EQUIPMENTS REQUIRED FOR THE LAB & CLINIC	
12.01	Typhodont articulator - with metal teeth wax rim of Class I, II & III	
12.02	Semiadjustible articulator a. Made of anodized aluminum b. Hinge Axis Recorder with the mounting stand, full recording system, and multi-colored pencil leads. c. Should come with hinge axis patient graph d. Discluder pack e. Mounting plates f. Anatomic face bow g. Should allow measurement of Condylar displacement in three dimensions from Centric relation to Centric occlusion. h. Should come with safe packaging for storage.	
12.03	a. Intraoral sandblaster b. Should etch all Metals, Composites, enamel and Amalgam.	

50 pcs       d. Hook ups set: Quick Disconnect kit to allow         easy connection to air hose of compressor and       to allow easy connection & disconnection with         the allow easy connection & disconnection with       the unit of the chair.         e. Aluminum Oxide 80 Micron -       f. Aluminum Oxide 80 Micron -         TRACING TABLE FOR THREE       A. Should be made of wood         12.04       B. Should contain LED light for illuminating X         ray plates.       C. Should be slanting.         12.05       ELECTROPOLISHER         12.06       A. Should be made of metal         B. Front polished with handles.       C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece         bracket         e. should contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base contour.
d. Hook ups set: Quick Disconnect kit to allow easy connection to air hose of compressor and to allow easy connection & disconnection with the unit of the chair.         e. Aluminum Oxide 50 Micron -         f. Aluminum Oxide 85 Micron -         TRACING TABLE FOR THREE         A. Should be made of wood         12.04         B. Should contain LED light for illuminating X ray plates.         C. Should be slanting.         12.05         ELECTROPOLISHER         INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless         d. ROTH PRESCRIPTION         a. 022 slot
easy connection to air hose of compressor and to allow easy connection & disconnection with the unit of the chair.         e. Aluminum Oxide 50 Micron -         f. Should be made of metal         b. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base cont
to allow easy connection & disconnection with the unit of the chair. e. Aluminum Oxide 50 Micron - f. Aluminum Oxide 85 Micron – TRACING TABLE FOR THREE A. Should be made of wood B. Should contain LED light for illuminating X ray plates. C. Should be slanting. 12.05 ELECTROPOLISHER INTRAORAL PHOTOGRPAHIC MIRROR A. Should be made of metal B. Front polished with handles. C. Front silvered mirrors ORTHODOTNIC BRACKETS FOR FIXED APPLIANCES TREATMENT – MBT & ROTH 1. MBT Prescription a. 022 slot b. Full contoured micro etched mesh. c. The low-profile torque-in-base design with compound base contour. d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket e. should contain hooks on canine brackets f. shouldn't contain hooks on premolars 2. ROTH PRESCRIPTION a. 022 slot b. Full contoured micro etched mesh. c. The low-profile torque-in-base design with compound base contour. d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket f. shouldn't contain hooks on premolars 2. ROTH PRESCRIPTION a. 022 slot b. Full contoured micro etched mesh. c. The low-profile torque-in-base design with compound base contour. d. Manufactured from sturdy 17-4 stainless
the unit of the chair.       e. Aluminum Oxide 50 Micron -         f. Aluminum Oxide 50 Micron -       f. Aluminum Oxide 50 Micron -         TRACING TABLE FOR THREE       A. Should be made of wood         12.04       B. Should contain LED light for illuminating X         ray plates.       C. Should be slanting.         12.05       ELECTROPOLISHER         12.06       A. Should be made of metal         B. Front polished with handles.       C. Front silvered mirrors         C. Front silvered mirrors       ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH       1. MBT Prescription         a. 022 slot       D. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.       d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets       f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless       steel, metal injection moulding, one piece bracket         f. should contain hooks on premolars       2. ROTH PRESCRIPTION         a. 022 slot       D. Full contoured micro etched mesh.         c. The low-profile torq
e. Aluminum Oxide 50 Micron -     f. Aluminum Oxide 55 Micron -     f. Aluminum Oxide 85 Micron -     TRACING TABLE FOR THREE     A. Should be made of wood     B. Should contain LED light for illuminating X     ray plates.     C. Should be slanting.     I2.05     ELECTROPOLISHER     INTRAORAL PHOTOGRPAHIC MIRROR     A. Should be made of metal     B. Front polished with handles.     C. Front silvered mirrors     ORTHODOTNIC BRACKETS FOR FIXED     APPLIANCES TREATMENT - MBT & ROTH     1. MBT Prescription     a. 022 slot     b. Full contoured micro etched mesh.     c. The low-profile torque-in-base design with     compound base contour.     d. Manufactured from sturdy 17-4 stainless     steel, metal injection moulding, one piece     bracket     e. should contain hooks on premolars     2. ROTH PRESCRIPTION     a. 022 slot     b. Full contoured micro etched mesh.     c. The low-profile torque-in-base design with     compound base contour.     d. Manufactured from sturdy 17-4 stainless     steel, metal injection moulding, one piece     bracket     e. should contain hooks on premolars     2. ROTH PRESCRIPTION     a. 022 slot     b. Full contoured micro etched mesh.     c. The low-profile torque-in-base design with     compound base contour.     d. Manufactured from sturdy 17-4 stainless
E. Adminum Oxide 85 Micron –     f. Aluminum Oxide 85 Micron –     TRACING TABLE FOR THREE     A. Should be made of wood     B. Should contain LED light for illuminating X     ray plates.     C. Should be slanting.     I2.05     ELECTROPOLISHER     INTRAORAL PHOTOGRPAHIC MIRROR     A. Should be made of metal     B. Front polished with handles.     C. Front silvered mirrors     ORTHODOTNIC BRACKETS FOR FIXED     APPLIANCES TREATMENT – MBT & ROTH     1. MBT Prescription     a. 022 slot     b. Full contoured micro etched mesh.     c. The low-profile torque-in-base design with     compound base contour.     d. Manufactured from sturdy 17-4 stainless     steel, metal injection moulding, one piece     bracket     e. should contain hooks on canine brackets     f. shouldn't contain hooks on premolars     2. ROTH PRESCRIPTION     a. 022 slot     b. Full contoured micro etched mesh.     c. The low-profile torque-in-base design with     compound base contour.     d. Manufactured from sturdy 17-4 stainless     steel, metal injection moulding, one piece     bracket     e. should contain hooks on canine brackets     f. shouldn't contain hooks on premolars     2. ROTH PRESCRIPTION     a. 022 slot     b. Full contoured micro etched mesh.     c. The low-profile torque-in-base design with     compound base contour.     d. Manufactured from sturdy 17-4 stainless
12.01       TRACING TABLE FOR THREE         A. Should be made of wood         12.04       B. Should contain LED light for illuminating X ray plates.         C. Should be slanting.         12.05       ELECTROPOLISHER         12.06       INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets         f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece         bracket         e. should contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched
12.04       A. Should be made of wood         12.04       B. Should contain LED light for illuminating X ray plates.         C. Should be slanting.         12.05       ELECTROPOLISHER         12.06       INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets         f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece bracket         e. should contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound
A. Should be made of wood         B. Should contain LED light for illuminating X ray plates.         C. Should be slanting.         12.05       ELECTROPOLISHER         INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece brackets         f. should n't contain hooks on canine brackets         f. should contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.<
12:04       B. Should contain LED light for illuminating X ray plates.         C. Should be slanting.         12:05       ELECTROPOLISHER         12:06       INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal       B. Front polished with handles.         C. Front silvered mirrors       ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH       1. MBT Prescription         a. 022 slot       b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.       d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets       f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless       steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets       f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless       d. Manufactured from sturdy 17-4 stainless
ray plates.       C. Should be slanting.         12.05       ELECTROPOLISHER         12.06       INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal       B. Front polished with handles.         C. Front silvered mirrors       ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH       1. MBT Prescription         a. 022 slot       b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.       d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets       f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless       steel, metal injection moulding, one piece bracket         f. shouldn't contain hooks on premolars       2. ROTH PRESCRIPTION         a. 022 slot       b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.       d. Manufactured from sturdy 17-4 stainless
C. Should be slanting.         12.05       ELECTROPOLISHER         INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets         f. should n't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece         bracket         e. should contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless
12.05       ELECTROPOLISHER         12.06       INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal       B. Front polished with handles.         C. Front silvered mirrors       ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH       1. MBT Prescription         a. 022 slot       b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.       d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets       f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         12.07       e. should contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless       d. Manufactured from sturdy 17-4 stainless
12.03       ELECTION OLIGINER         INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal         B. Front polished with handles.         C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece         bracket         e. should contain hooks on canine brackets         f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base contour.         d. Manufactured from sturdy 17-4 stainless
12.06       INTRAORAL PHOTOGRPAHIC MIRROR         A. Should be made of metal       B. Front polished with handles.         C. Front silvered mirrors       ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH       1. MBT Prescription         a. 022 slot       b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.       d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets       f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         12.07       f. should contain hooks on premolars         2. ROTH PRESCRIPTION       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless       d. Manufactured from sturdy 17-4 stainless
12.06       A. Should be made of metal B. Front polished with handles. C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED APPLIANCES TREATMENT – MBT & ROTH <ol> <li>MBT Prescription                 <ul> <li>022 slot</li> <li>Full contoured micro etched mesh.</li> <li>The low-profile torque-in-base design with compound base contour.</li> <li>Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>should n't contain hooks on premolars</li> <li>ROTH PRESCRIPTION</li></ul></li></ol>
12:06       B. Front polished with handles. C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets         f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets         f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless
C. Front silvered mirrors         ORTHODOTNIC BRACKETS FOR FIXED         APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base contour.         d. Manufactured from sturdy 17-4 stainless         steel, metal injection moulding, one piece         bracket         e. should contain hooks on canine brackets         f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with         compound base contour.
12.07       ORTHODOTNIC BRACKETS FOR FIXED APPLIANCES TREATMENT – MBT & ROTH         1. MBT Prescription       a. 022 slot         b. Full contoured micro etched mesh.       c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket         e. should contain hooks on canine brackets f. shouldn't contain hooks on premolars         2. ROTH PRESCRIPTION         a. 022 slot         b. Full contoured micro etched mesh.         c. The low-profile torque-in-base design with compound base contour.         d. Manufactured from sturdy 17-4 stainless
<ul> <li>APPLIANCES TREATMENT - MBT &amp; ROTH</li> <li>1. MBT Prescription <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION</li> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> </ul> </li> </ul>
<ul> <li>1. MBT Prescription <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> </ul> </li> </ul></li></ul>
<ul> <li>1. MBT Prescription <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> </ul> </li> </ul></li></ul>
<ul> <li>12.07</li> &lt;</ul>
<ul> <li>12.07</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION</li> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul>
<ul> <li>12.07</li> <li>C. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION</li> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul>
<ul> <li>12.07</li> <li>Compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul> </li> </ul>
<ul> <li>d. Manufactured from sturdy 17-4 stainless steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul> </li> </ul>
<ul> <li>steel, metal injection moulding, one piece bracket</li> <li>e. should contain hooks on canine brackets</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul> </li> </ul>
12.07 bracket e. should contain hooks on canine brackets f. shouldn't contain hooks on premolars 2. ROTH PRESCRIPTION a. 022 slot b. Full contoured micro etched mesh. c. The low-profile torque-in-base design with compound base contour. d. Manufactured from sturdy 17-4 stainless
<ul> <li>12.07</li> <li>e. should contain hooks on canine brackets <ol> <li>f. shouldn't contain hooks on premolars</li> <li>ROTH PRESCRIPTION <ol> <li>022 slot</li> <li>Full contoured micro etched mesh.</li> <li>The low-profile torque-in-base design with compound base contour.</li> <li>Manufactured from sturdy 17-4 stainless</li> </ol> </li> </ol></li></ul>
<ul> <li>12.07</li> <li>f. shouldn't contain hooks on premolars</li> <li>2. ROTH PRESCRIPTION <ul> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul> </li> </ul>
<ul> <li>2. ROTH PRESCRIPTION</li> <li>a. 022 slot</li> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul>
a. 022 slot b. Full contoured micro etched mesh. c. The low-profile torque-in-base design with compound base contour. d. Manufactured from sturdy 17-4 stainless
<ul> <li>b. Full contoured micro etched mesh.</li> <li>c. The low-profile torque-in-base design with compound base contour.</li> <li>d. Manufactured from sturdy 17-4 stainless</li> </ul>
c. The low-profile torque-in-base design with compound base contour.
c. The low-profile torque-in-base design with compound base contour. d. Manufactured from sturdy 17-4 stainless
d Manufactured from sturdy 17-4 stainless
d Manufactured from sturdy 17-4 stainless
a. Manufactured norm of any 17 + of an incos
steel, metal injection moulding, one-piece
bracket
e. should contain hooks on canine brackets
f. shouldn't contain hooks on premolars
Cephalometric and soft tissue analysis
software
A. Should have provision for complete lateral
/ frontal / cast analysis
B Should have provision for linear & angular
measurements
C Should have provision for high precision
c. Should have provision for high precision,
auvanceu zoom and should have image
12.08 enhancement technology including
colourisation
D. Should have provision for customization
of own cephalometric analysis, new points,
planes etc.
E. Should have provision for precise
superimposition of 'Photograph over Tracing'.
F. Should have provision for precise
superimposition of any number of 'Tracing

	colour of each tracing.	
	G. Should have provision for creation of	
	movies of intra oral photographs.	
	H Should have provision for creating different	
	Treatment Plans for the same nation in the	
	somo sorios	
	Same Series	
	I. Should have provision to demonstrate Pre	
	and Post Treatment Plans.	
	J. Should have provision to demonstrate	
	different profile photographic views with	
	gradual changes at different stages.	
	K. Should be able to exchange patient data	
	(including images and tracings) from one	
	computer to other.	
	L. Should have provision to allow image export	
	to other applications, including PowerPoint,	
	Word, email, etc.	
	M. Should have provision for complete patient	
	record facility and archival facility.	
	N. Should not be controlled by any physical	
	USB donale.	
	O Should be upgradable to 3D any time in	
	future (at additional cost) and should have 3D	
	software already installed	
	P Should provide quidelines for AMC for next	
	five years	
	DIGITAL SLP CAMERA WITH DING ELASH &	
	MACRU LENS	
	Camera specifications - DSLR with Effective	
	Pixels. 10-16 MP, Sensor Type. CMOS, Thpod	
	Sockel, Shuller Speed-1/4000 sec, Focus	
	Mode -Contrast Detection (FlexiZone Single,	
	Face Detection Live Mode), Phase Difference	
	Detection (Quick Mode) Manual Focus (5x /	
	10x Magnification Possible), AF Operation:	
	One Shot AF	
	Lens – one 60mm and one 100mm f/2.8	
12.09	USM macro lens Twin-Tube Design, Aperture	
	Range: f/2.8-32 Life-Size (1:1) Macro	
	Magnification Internal Focusing w/ Floating	
	Elements Ultrasonic Autofocus Motor Full-	
	Time Manual Focus Override Flat-Field	
	Focusing w/ Circular Aperture.	
	Ring Flash -Attaches to Select Macro	
	Lenses, ring flash, Twin-Tube Design & 12	
	Custom Functions Guide Number: 45.9' at ISO	
	100 Coverage Lamps Wireless Master TTL.	
	Ring flash and macro lens should be	
	compatible with the Digital SI R camera.	
	A Should be in Autoclavable cassette	
	B Should contain 0.0 mm nilot drill	
	C Should be made of titanium	
	D. Should contain compatible short hand	
12.1		
	UNVER.	
	E. Snould contain compatible long hand	
	F. Should contain compatible screw driver for	
	the mini implant	

	G. should have following dimensions of	
	orthodontic mini implant	
	1. Diameter - 1.5 mm	
	length - 6mm 7mm 8mm 12mm	
	2 Diameter - 2 mm	
	length -5 mm 8mm 12mm	
	2 Diameter 12 mm Longth 7mm	
	SET OF ORTHODONTIC PLIERS	
	stainless steel.	
10.11	b. Cutting tips should be made of Tungsten	
12.11		
	c. Ten years warranty on non - cutting pliers.	
	For lingual pliers	
	Lingual ligature cutter: angle 40 degree,	
	smallest possible head.	
	Torque angulation reference guide machine	
	and bracket positioner device	
	- Digital with accuracy 0.1degree.	
	<ul> <li>TARG device should consist of fine</li> </ul>	
12 12	adjustment screw , locking screw, LCD	
12.12	display, angulations fine adjustment knob,	
	torque fine adjustment knob.	
	BPD device should consist of fine adjustment	
	screw, locking screw, LCD display, a caliper	
	and bracket attachment jaw.	
	Turret –	
12.13	a. ISO certified	
	b. For edgewise plain archwire	
13	Oral Medicine and Radiology	
	DICOM printer (for digital OPG)	
13 01	Should give digital print out of OPG and other	
10.01	x-rays and compatible with SIDICOM	
	(SIDEXIS software)	
	General X-ray unit	
	100 mA, adjustable Kvp X-ray unit .mobile X-	
	ray unit with adjustable timer, superior	
13.02	frequency,auto programmable X-ray	
10.02	system, precise, compatible for horizontal and	
	vertical positioning compatible with digital	
	vortical poolaoring, compatible that agia	
	image receptors with auto adjustablebucky	
	image receptors with auto adjustablebucky grid,digital display for main line voltage	
11	image receptors with auto adjustablebucky grid,digital display for main line voltage	
14	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics	
14	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow	
14	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring	
14 14.01	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow	
14 14.01	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow Phantom heads	
14 14.01 14.02	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow Phantom heads Metallic heads with rubber mask	
14 14.01 14.02	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow Phantom heads Metallic heads with rubber mask Pre clinical working tables	
14 14.01 14.02 14.03	image receptors with auto adjustablebucky grid,digital display for main line voltage Department of Prosthodontics Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow Phantom heads Metallic heads with rubber mask Pre clinical working tables With gas connection and nunsen burner with	
14 14.01 14.02 14.03	<ul> <li>image receptors with auto adjustablebucky grid, digital display for main line voltage</li> <li>Department of Prosthodontics</li> <li>Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow</li> <li>Phantom heads</li> <li>Metallic heads with rubber mask</li> <li>Pre clinical working tables</li> <li>With gas connection and nunsen burner with stainless steel surface</li> </ul>	
14 14.01 14.02 14.03	<ul> <li>image receptors with auto adjustablebucky grid, digital display for main line voltage</li> <li>Department of Prosthodontics</li> <li>Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow</li> <li>Phantom heads</li> <li>Metallic heads with rubber mask</li> <li>Pre clinical working tables</li> <li>With gas connection and nunsen burner with stainless steel surface</li> <li>Pre clinical prosthetic laboratory</li> </ul>	
14 14.01 14.02 14.03 14.04	<ul> <li>image receptors with auto adjustablebucky grid, digital display for main line voltage</li> <li>Department of Prosthodontics</li> <li>Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow</li> <li>Phantom heads</li> <li>Metallic heads with rubber mask</li> <li>Pre clinical working tables</li> <li>With gas connection and nunsen burner with stainless steel surface</li> <li>Pre clinical prosthetic laboratory</li> <li>Stainless steel work tgables fitted with light,</li> </ul>	
14 14.01 14.02 14.03 14.04	<ul> <li>image receptors with auto adjustablebucky grid,digital display for main line voltage</li> <li>Department of Prosthodontics</li> <li>Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow</li> <li>Phantom heads</li> <li>Metallic heads with rubber mask</li> <li>Pre clinical working tables</li> <li>With gas connection and nunsen burner with stainless steel surface</li> <li>Pre clinical prosthetic laboratory</li> <li>Stainless steel work tgables fitted with light, Bunsen burner, air blower, working stool</li> </ul>	
14 14.01 14.02 14.03 14.04	<ul> <li>image receptors with auto adjustablebucky grid,digital display for main line voltage</li> <li>Department of Prosthodontics</li> <li>Semi-Adjustable Articulator with face bow Hanau wide vue articulator series-2 with spring bow</li> <li>Phantom heads</li> <li>Metallic heads with rubber mask</li> <li>Pre clinical working tables</li> <li>With gas connection and nunsen burner with stainless steel surface</li> <li>Pre clinical prosthetic laboratory</li> <li>Stainless steel work tgables fitted with light, Bunsen burner, air blower, working stool</li> <li>Pre clinical lab working stools</li> </ul>	

14.06	Lab micro motor with attached hand piece & foot control	
	Maximum speed 35,000 rpm, 2.4 NCM	
14.07	Composite curing unit Cordless, wave length-420 nm-480 nm light intensity- 1000Mw/cm	
14.08	Sand blasting unit with vaccum suction Table top design, durable air pressure regulator, foot peddle control, high vaccum suction, 5 litres capacity.	

Sd/-Principal, Dental Institute RIMS, Ranchi Sd/-Director, RIMS, Ranchi