

(3<sup>rd</sup> Call)

**Notice Inviting Tender for**

**Supply of "Dentistry Equipment"**

at

**All India Institute of Medical Sciences,  
Raipur**

No	DME Stage	Start Date & Time
1.	NIT No.	Admin/Tender/Dentistry_Equipment/3/2014
2.	NIT issue date	17-07-2014
3.	Last Date of submission	08-08-2014 at 15:00 PM



आरोग्यम् सुख सम्पदा

**All India Institute of Medical Sciences, Raipur**

**Tatibandh, Raipur – 492099, Chhattisgarh**

Tele: 0771- 2573777, email: [admin@aiimsraipur.edu.in](mailto:admin@aiimsraipur.edu.in)

Website: [www.aiimsraipur.edu.in](http://www.aiimsraipur.edu.in)

## **Chapter I- Instruction to bidders**

### **Notice Inviting Tender**

#### **“Dentistry Equipment”**

All India Institute of Medical Sciences, Raipur, Chhattisgarh, an apex healthcare institute being established by Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed Tenders for supply & installation of the following item(s) at the institute. You are requested to quote your best offer along with the complete detail of specifications, terms & conditions.

<b>Schedule</b>	<b>Name of the Items required to be purchased</b>	<b>Quantity tendered for</b>
A.	Advanced Electronic Dental Chair	02
B.	Dental Digital Radiography System with X Ray Unit	01
C.	Surgical Micromotor With Console	01
D.	Table Top Autoclave	01
E.	Oral Surgery Instruments	<i>Mentioned in Annexure I</i>
F.	General Dental Instruments	<i>Mentioned in Annexure I</i>
G.	Orthodontic Instruments	<i>Mentioned in Annexure I</i>
H.	Endodontic And Restorative Instruments	<i>Mentioned in Annexure I</i>
I.	Periodontics Instruments	<i>Mentioned in Annexure I</i>

1. Interested parties may send their tender in sealed cover addressed to the Administrative Officer, All India Institute of Medical Sciences, Tatibandh, Raipur superscripted with tender number and complete in all respects latest by 08-08-2014 up to 3:00 pm. The Quotations will be opened on the same day at 03.30 PM in the Committee Hall, Medical College Building, All India Institute of Medical Sciences, Raipur. The tenders received after the scheduled date and time will be rejected out rightly.
2. The tender is in **two- bid** system i.e. Technical Bid & Financial Bid .The technical bid will be opened on the designated date by the Purchase Committee. The financial bid containing the rate of various item(s) will be opened on a suitable date, to be intimated later by the Purchase Committee in respect of those who qualify the terms and conditions of the technical bid.
3. The bidder should seal the technical bid and the financial bid in separate covers superscribed "**Technical bid for Tender for Supply of Dentistry Equipment**" and "**Financial Bid for Tender for Supply of Dentistry Equipment**". Both Sealed Envelopes should be kept in a main/ bigger envelope super scribed as "**Tender for Supply of Dentistry Equipment**". The ‘Technical Bid’ will be analyzed and ‘Financial Bid’ of only those firms who are found eligible in ‘Technical Bid’ will be

opened in due course and the eligible firms would be intimated there of accordingly.

**Schedule of Tender**

Issue Date	:	17-07-2014
Last date and time of receipt of tender	:	08-08-2014 at 03:00 PM
Amount of Earnest Money Deposit (EMD)	:	<b>Schedule A</b> ₹ 90,000/- (Rupees Ninety Thousand only)
		<b>Schedule B</b> ₹ 15,000/- (Rupees Twelve Thousand only)
		<b>Schedule C</b> ₹ 8,000/- (Rupees Eight Thousand Only)
		<b>Schedule D</b> ₹ 8,000/- (Rupees Eight Thousand Only)
		<b>Schedule E</b> ₹ 15,000/- (Rupees Fifteen Thousand Only)
		<b>Schedule F</b> ₹ 8,000/- (Rupees Eight Thousand Only)
		<b>Schedule G</b> ₹ 3,000/- (Rupees Three Thousand Only)
		<b>Schedule H</b> ₹ 5500/- (Rupees Five Thousand Five Hundred Only)
		<b>Schedule I</b> ₹ 3,000/- (Rupees Three Thousand Only)
Tender Cost	:	₹ 5000/- (Rupees Five Thousand Only)
Date & time of opening of tender	:	08-08-2014 at 03:30 PM
Venue	:	Deputy Director (Admin) AIIMS, Tatibandh, Raipur-492099

4. Tender document may be downloaded from this Institute's official website <http://www.aiimsraipur.edu.in> and the tenderer shall deposit a separate Bank Draft/ Pay Order/ Banker's cheque in favour of "All India Institute of Medical Sciences, Raipur" worth ₹5000/- along with tender Document (Technical Bid). The tenders submitted without tender cost or without EMD shall be liable to be rejected summarily. The cost of the bid document is non-refundable.

**Administrative Officer  
AIIMS, Raipur**

## **Chapter-II- Conditions of Contract**

### **General Terms and Conditions**

**Subject:- Notice Inviting Tender for Supply of Dentistry Equipment for All India Institute of Medical Sciences, Raipur**

#### **1. Earnest Money:**

Earnest money by means of a Bank Demand Draft/ Pay Order of

- **₹ 90,000/- (Rupees Ninety Thousand only) for Schedule A,**
- **₹ 15,000/- (Rupees Twelve Thousand only) for Schedule B,**
- **₹ 8,000/- (Rupees Eight Thousand Only) for Schedule C,**
- **₹ 8,000/- (Rupees Eight Thousand Only) for Schedule D,**
- **₹ 15,000/- (Rupees Fifteen Thousand Only) for Schedule E,**
- **₹ 8,000/- (Rupees Eight Thousand Only) for Schedule F,**
- **₹ 3,000/- (Rupees Three Thousand Only) for Schedule G,**
- **₹ 5,500/- (Rupees Five Thousand Five Hundred Only) for Schedule H, and**
- **₹ 3,000/- (Rupees Three Thousand Only) for Schedule I**

Should be enclosed with the quotation (Technical Bid). It is also clarified that the quotations received without earnest money will be summarily rejected. The pay Order/DD/BG/FD may be prepared in the name of "**All India Institute of Medical Sciences, Raipur**".

- a) No request for transfer of any previous deposit of earnest money or security deposit or payment of any pending bill held by the ministry in respect of any previous work will be entertained.
- b) Tenderer shall not be permitted to withdraw his offer or modify the terms and conditions thereof. In case the tenderer fail to observe and comply with stipulations made herein or backs out after quoting the rates, the aforesaid amount of earnest money will be forfeited.
- c) Tenders without Earnest Money or Tender cost will be summarily rejected.
- d) No claim shall lie against the AIIMS in respect of erosion in the value or interest on the amount of EMD.

#### **2. Preparation and Submission of Tender:**

- The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The Technical Bid and the Financial Bid should be sealed by the bidder in two separate covers "**Technical Bid for Tender for Supply of Dentistry Equipment**" and "**Financial Bid for Tender for Supply of Dentistry**

**Equipment"**. Both Sealed Envelopes should be kept in a main/ bigger envelope super scribed as **"Tender for Supply of Dentistry Equipment"**

- Tender shall be rejected if the copy of sales tax registration certificate (now called as VAT) is not furnished. Firm shall furnish a certificate on their firm's letterhead stating that up to date returns have been filed and there are no dues with the concerned department. Firm will also submit the copies of such returns (latest) submitted to the department of trade & taxes.
- Hand written quotations shall be accepted at bidder's risk. In case of any discrepancy in the figures, the rate mentioned in words will only be considered.
- All the equipment quoted should be supplied along with the original catalogue with detailed data sheet.

### **3. Signing of Tender:**

All the duly filled/completed pages of the tender should be given serial /page number on each page and signed. The individual signing the tender or other documents connected with contract must specify whether he sign as:

- a) A sole proprietor of the concern or constituted attorney of such sole proprietor;
- b) A partner of the firm, if it is a partnership firm in which case he must have authority to execute the contracts on behalf of the firm and to refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.
- c) Director or a principal officer duly authorized by the Board of Directors of the Company, if it is a company.

### **N.B.**

- i. In case of partnership firms, a copy of the partnership agreement, or general power of attorney duly attested by a Notary Public, should be furnished on stamped paper duly sworn or affirmed by all the partners admitting execution of the partnership agreement or the general power of attorney. The attested copy of the certificate of registration of firm should also be enclosed along with the tender.
- ii. In the case of partnerships firm, where no authority to refer disputes concerning the business of partnership firm has been conferred on any partner, the tender and all other related document must be signed by all partners of the firm.
- iii. A person signing the tender form or any document forming part of the tender on behalf of another person should have an authority to bind such other person and if, on enquiry it appears that the person so signing had no authority to do so, AIIMS, Raipur may without prejudice, cancel the contract and hold the signatory liable for all costs, consequences and damages under the civil and criminal remedies available.
- iv. The tenderer should sign and affix his firm's stamp at each page of the tender and all its annexure as the acceptance of the offer made by tenderer will be deemed as a contract and no separate formal contract will be drawn. NO PAGE

**SHOULD BE REMOVED/ DETACHED FROM THIS NOTICE INVITING TENDER.**

**4. Opening of Tender**

The tenderer is at liberty to present either him or authorize not more than one representative to be present at the opening of the tender. The representative present at the opening of the tender on behalf of the tenderer should bring with him a letter of authority from the tenderer and proof of identification

**5. Validity of the bids:**

The bids shall be valid for a period of 180 days from the date of opening of the tender. This has to be so specified by the tenderer in the commercial bid which may be extended if required.

**6. Right of acceptance:**

AIIMS, Raipur reserve the right to accept or reject any or all tenders /quotations without assigning any reason there of and also does not bind itself to accept the lowest quotation or any tender. AIIMS, Raipur also reserves the rights to accept all the equipment/instruments in the given tender or only part of it in any given schedule without assigning any reason. Any failure on the part of the contractor to observe the prescribed procedure and any attempt to canvass for the work will prejudice the contractor's quotation or any tender.

**7. Communication of Acceptance / Right of Acceptance:**

AIIMS, Raipur, reserves all right to reject any tender including of those tenderers who fails to comply with the instructions without assigning any reason whatsoever and does not bind itself to accept the lowest or any specific tender. The decision of this Institute in this regard will be final and binding. Any failure on the part of the contractor to observe the prescribed procedure and any attempt to canvass the work prejudice the contractor's quotation.

**8. Performance Security:**

The successful tenderer will be required to furnish a Performance Security Deposit of 10% of tender amount in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Raipur". The security deposit can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract.

Performance Security shall be submitted in the form of Demand Draft, Bank Guarantee or Fixed Deposit Receipt issued by any Nationalized Bank. Performance Security will be discharged 60 days after completion of contractual obligations (including warranty & AMC/CMC period **if applicable**) under the contract.

**9. Delivery & Installation:**

The successful bidders should strictly adhere to the following delivery schedule supply, installation & Commissioning should be effected within 6 to 8 weeks from the date of supply order and this clause should be strictly adhere to failing which administrative action as deemed fit under rules will be taken against the defaulter.

**10. Inspecting, Testing and Quality control**

- i. The purchaser or its nominal representative will inspect and test the ordered goods and the related services to confirm their conformity to the contract specification and other quality control details incorporated.
- ii. The Purchaser reserves the right for stage inspection during manufacturing process, pre-dispatch inspection or post-delivery inspection. The Purchaser as deemed fit shall resort to all these inspection or may waive off any of the inspection.
- iii. Stage Inspection: The Supplier shall offer semi-finished product without paint for stage inspection supported with invoice & test report of major raw material as per relevant specification standards.
- iv. Before resorting to Bulk Manufacture, the supplier shall offer/send the prototype/actual-finished sample for approval by the Inspector. The approval of Samples shall be in respect of workmanship and finishing and shall be without prejudice to the rights of purchaser/user to get random testing of items during pre-dispatch inspection or form the actual lot offered. In the event of the failure of the supplier to deliver the sample by the date specified in the contact or any other date agreed by the purchaser or in the event of rejection of the sample second time, the purchaser shall be entitled to cancel the contract and purchase the stores at the risk and cost of the supplier.
- v. The Inspector shall have full and free access at any time during the execution of the contract to the supplier's work for satisfying himself that the goods are being manufactured in accordance with the specification mentioned in the Contract, and he may require the Supplier to make arrangements of inspection of the goods or any part thereof or any material at his premises or at any other place specified by the Inspector and if the Supplier has been permitted to employ the services of a sub-inspection of the goods after they have been inspected by the Inspector for the purpose aforesaid. The decision of the purchaser/ inspection authority in this regard shall be final and binding on the Supplier. All terms and condition of the contract as they apply to the inspection shall also apply to the re- inspection.
- vi. The Supplier shall provide, without any extra charge, all material, tools, labour and assistance of every kind, which the Inspector may demand of him for any test, and examination, which he shall require to be made on the Supplier's premises and

the Supplier shall bear and pay all costs attendant thereon. If the Supplier fails to comply with condition aforesaid, the Inspector shall, in his sole judgment, be entitled to remove for test and examination all or any of the goods manufactured by the Supplier to any premises other than his (Supplier's) and in all such cases the Supplier's shall bear the cost of transport/and carrying out such tests elsewhere. A certificate in writing of the Inspector, that the Supplier has failed to provide the facilities and the means for test and examination, shall be final.

- vii. The Supplier shall also provide and deliver for test, free of charge, at such place other than his premises as the Inspector may specify such material or goods as he may require for tests for which Supplier does not have the facilities or special/independent tests.
- viii. The Inspector shall have the right to put all the goods or materials forming part of the same or any part thereof to such tests as he may think fit and proper. The Supplier shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspector.
- ix. Goods accepted by the purchase/AIIMS, Raipur and/or its inspector at initial inspection and in final inspection in terms of the contract should in no way dilute purchasers/AIIMS, Raipur's right to reject the same later.
- x. The Purchaser's Inspector reserves the right to may draw samples through random sampling method after receiving the finished goods at destination. All the supplies shall be accompanied with the Manufacturer's certificate that the material conforms to the specifications.

Further to above if on the goods being rejected by the Inspector or AIIMS, Raipur at the destination, the Supplier fails to make satisfactory supply within the stipulated period of delivery the Purchaser shall be at liberty to:-

- a. Require the Supplier to replace the rejected goods forthwith but in any event not later than a period of 30 days from the date of rejection and the Supplier shall bear all cost of such replacement, including freight, if any, on such replacing and replaced goods but without being entitled to any extra payment on that or any other account.
- b. Purchase or authorize the purchase of quantity of the goods rejected or goods of a similar description when goods exactly complying with particulars are not in the opinion of the Purchase, which shall be final, readily available without notice to the supplier at his risk and cost and without affecting the Supplier's liability as regards the supply of any further installment due under the contract, or
- c. Cancel the contract and purchase or authorized the purchase of the goods or goods of a similar description (when goods complying with particulars are not in the opening of the Purchase, which shall be final, readily available) at the risk and cost of the Supplier.



d. The Inspector shall have the power:-

- Before any goods or part thereof are submitted for inspection to certify that they cannot be in accordance with the contract owing to the adoption of any unsatisfactory method of manufacture.
- To reject any goods submitted as not being accordance with particulars.
- To reject the whole of the installment tendered for inspection, if after inspection of such portion thereof as he may in his discretion thinks fit, he is satisfied that the same is unsatisfactory.
- To demand all cost incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work however if goods are accepted all cost incurred shall be born by the Purchaser.

Inspector's decision as regards the rejection shall be final and binding on the Supplier.

## **11. Guarantee / Warranty, Service, Maintenance:**

### **Warranty**

The tenderers must quote for 5 years on site warranty from the date of completion of the satisfactory installation as certified by the stipulated committee. The Warranty charges **shall not** be quoted separately otherwise the offer shall be summarily rejected. Also the Bidders should submit their quote for subsequent 5 years on site AMC (without spare parts) / on site CMC (include free labour, repair, other services & spare parts). Failure to comply this condition will entail the rejection of the Bids. The price comparison shall be made taking into account on basic price and post warranty AMC / CMC. The Rate Contracting Authority reserves the right to award AMC / CMC. A.M.C. (without spare parts) shall be quoted for equipments costing upto Rs.5.00 Lacs and C.M.C. (include free labour, repair, other services & spare parts) shall be quoted for equipments costing above Rs.5.00 Lacs. So the price of AMC / CMC should be quoted according to the cost of equipment. The amount of CMC would be released to the supplier on successful completion of the maintenance of that particular year duly certified by the user department.

### **Service**

The supplier will ensure regular maintenance service by the appropriate engineer having the technical know-how of the equipment. The supplier shall also ensure the presence of resident engineer in the geographical location of this city of Raipur so that he attends the call without loss of time.

## **Maintenance**

**It will be mandatory for the supplier to enter into a maintenance contract as applicable below:**

- a. If the cost of the unit/instrument/equipment is less than INR Five Lakhs, then the supplier has to sign an annual maintenance contract with the purchaser. During this period the supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be raised by the user department. This contract will be 1 % per annum of the base price (exclusive of taxes / duties) quoted in the financial bid and shall be paid to the supplier at the end of the year with the clearance / satisfaction certificate issued by the user department.
  - b. If the cost of the unit/instrument/equipment is more than INR Five Lakhs, then the supplier has to sign a comprehensive maintenance contract with the purchaser. During this period the supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be raised by the user department. This contract will be 3 % per annum of the base price (exclusive of taxes / duties) quoted in the financial bid and shall be paid to the supplier at the end of the year with the clearance / satisfaction certificate issued by the user department.
- Non-compliance of any of these conditions or any of the conditions mentioned in the document renders the purchaser to blacklist the supplier along with appropriate legal actions.

## **12.Downtime penalty Clause**

- During the Guarantee/warranty period, desired uptime of 95% of 365 days (24 hrs) if downtime more than 5% the institute shall be entitled to impose penalty equal to amount of 0.05% of the total cost of the equipment per day for the first seven days will be payable by the vendor which will doubled on subsequent weeks along with extension of warranty period by the excess down time period. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handing over the unit to the Institute. If accessories/other attachments of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the AMC from the third party separately along with the main offer and the third party will have to sign the AMC with the Institute if required.
- In no case instrument should remain in non-working condition for more than **7days**, beyond which a penalty of **2% of machine cost** will be charged per day.

**13.Liquidated Damages**

If the supplier fails to deliver any or all of the goods or fails to perform the service within the time frame(s) incorporated in the tender, the Purchaser shall, without prejudice to other right and remedies available to the Purchaser under the tender, deduct from the quoted price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of the quoted price. Once maximum 10% of value of delayed supply is reached, Purchaser may consider termination of the tender.

**14.FORCE MAJEURE:**

If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been so resumed or not shall be final and conclusive.

Further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, AIIMS, Raipur party may, at least option to terminate the contract.

**15.Insolvency etc.:**

In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Raipur shall have the power to terminate the contract without any prior notice.

**16.Breach of Terms and Conditions:**

In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by AIIMS, Raipur. In that event the security deposit shall also stands forfeited.

**17. Subletting of Work:**

The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of AIIMS, Raipur, which will be at liberty to refuse if thinks fit. The tender is not transferable. One tenderer shall submit only one tender.

**18. Right to call upon information regarding status of work:**

The AIIMS, Raipur will have the right to call upon information regarding status of work/ job at any point of time.

**19. Terms of payment:**

1. 70% of the purchase order value will be released after the successful supply & remaining 30% of the amount shall be released after the successful completion of the installment and commissioning of equipment & accessories and demonstration of the performance to the satisfaction of the concerned department.
2. No payment shall be made for rejected Stores. Rejected items must be removed by the supplier within two weeks of the date of rejection at their own cost & replace immediately. In case these are not removed these will be auctioned at the risk and responsibility of the suppliers without notice.

**20. Arbitration**

If any difference arises concerning this agreement, its interpretation on payment to the made thereunder, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation do not yield any result within a period of 30 days, either of the parties may make a request to the other party for submission of the dispute for decision by an Arbitral Tribunal containing Sole Arbitrator to be appointed by the Secretary, Department of Legal Affairs. Such requests shall be accompanied with a panel of names of three persons to act as the sole arbitrator. In case of such arbitrator refusing, unwilling or becoming incapable to act or his mandate having been terminated under law, another arbitrator shall be appointed in the same manner from among the panel of three persons to be submitted by the claimant. The provision of Arbitration and Conciliation Act, 1990 and the rule framed there under and in force shall be applicable to such proceedings.

**21. Legal Jurisdiction:**

The agreement shall be deemed to have been concluded in Raipur, Chhattisgarh and all obligations hereunder shall be deemed to be located at Raipur, Chhattisgarh and Court within Raipur, Chhattisgarh will have Jurisdiction to the exclusion of other courts.

**Administrative Officer  
AIIMS, Raipur**

**Chapter III - Specifications and allied Technical Details**

**Parameters and Technical Specifications for Executing the Work:**

1. The participant manufacture/companies having own manufacturing units or their authorized dealer can only participate. Proof of manufacturing is to be attached. Client may also visit and inspect the manufacture set up as deemed fit.
2. Manufacturer should be ISO 9001 Certified. Dealers participating should enclose certificate from their parent manufacturer company.
3. The firm should be registered and should have the turnover of atleast ₹ 25,00,000/- (Rupees Twenty Five Lakh only) of business in India the last three consecutive financial years.
4. The firm has to submit a proof of turnover as mentioned above supported by attested by C.A. documentary materials.
5. Tenderer must provide evidence of having supplied to at least 5 reputed government / reputed private organizations in India including at least one government institution.
6. The demonstration of the equipment forms an essential part of the tender. The bidder has to arrange for the demonstration of the equipment with no financial assistance from AIIMS Raipur.
7. The tenderer can quote for either/all of the schedules mentioned in the bid. If the tenderer is quoting all the Schedules it has to include separate financial bid for each schedule in a separate envelope labeled with the respective schedule on the envelope. **Price of the individual instrument/equipment in each schedule should be mentioned in the financial Bid of the quoted schedule, if not the bid for that schedule will be out rightly rejected.**
8. **AIIMS, Raipur also reserves the rights to accept all the equipment/instruments in the given tender or only part of it in any given schedule without assigning any reason.**
9. The delivery of the items will have to be made at AIIMS, Raipur. No transportation and cartridge charges will be provided for the same.
10. The rate quoted should be firm and final and written in ink or typed against each item and should in no case be overwritten.

I / We hereby accept the terms and Conditions given in the tender

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(Signature & Stamp of the bidder)

*Note- Please sign each page of document including terms & conditions & tender*

**Chapter - IV Contract Form**

**TENDER FORM - 1 - TECHNICAL INFORMATION AND UNDERTAKING.**

(Tenderer may use separate sheet wherever required)

**(In separate sealed Cover-I super scribed as "Technical Bid")**

<b>S. N.</b>	<b>Description</b>	<b>Document Required</b>	<b>Document Supplied (Yes/No)</b>	<b>If yes, provide Reference page number in techno-commercial bid</b>
1.	Name & Address of the manufacture and their authorised dealers/distributors/Agency with phone number, email, name and telephone/mobile			
2.	Specify your firm/company is a manufactures/ authorised dealer/distributor/ Agency			
3.	Name, Address & designation of the authorized person (Sole proprietor/partner /Director)	Relevant document		
<b>A</b>	<b>Original Equipment Manufacturer's (OEM) Prequalification:</b>			
	(a) Please provide the name, address, and the other details of the OEM. If the OEM is originally incorporated in other country, please furnish such details for India also. (b) Please provide full details of factory /manufacturing units for each item for which the bid is invited.			
4.	OEM must be a ISO 9001 Certified company consistently	Copy of Valid certificates		
5.	OEM must be present in India for at least 5 Years with business history	Company Incorporation certificate		
6.	OEM must have 5+ years of experience supplying and servicing products	Complete installation reports which are older than 2 years		
<b>B</b>	<b>About the tender Offer</b>			
7.	Tenderer must provide evidence of having supplied government hospital / reputed private hospital organizations in India similar nature of items of atleast 1/3 value of contract amount in the last three years.	<ul style="list-style-type: none"> <li>• Copy of the all the Supply orders.</li> <li>• Satisfaction certificates (along with contact details) from atleast two institutions.</li> </ul>		

**Tender Enquiry No. ADMIN/Tender/Dentistry Equipment/3/2014**

S. N.	Description	Document Required	Document Supplied (Yes/No)	If yes, provide Reference page number in techno-commercial bid
<b>C Tenderer's prequalification</b>				
8.	Tenderers, if not OEM, must have presence in India for last 5 years and have an average annual turnover of at least Rs. 25 Lakh for each of the last 3 years	<ul style="list-style-type: none"> <li>• Company Incorporation Certificate,</li> <li>• Copies of authenticated balance sheet for the past three financial years</li> </ul>		
9.	Tenderers, if not OEM, must submit OEM's authorization certificate that the tenderer is authorized for selling, and maintaining the equipment quoted for.	<b>OEM's authorization letter</b>		
10.	Tenderers should submit letter from OEM mentioning that OEM shall be fully accountable for the performance of all components of the instruments tendered	Undertaking from OEM		
11.	Tenderers must submit letter from OEM mentioning to agree to provide all post-sale installation and maintenance support	Undertaking from OEM		
12.	A partner of the firm, if it is a partnership firm in which case he must have authority to execute the contracts on behalf of the firm and to refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.	Undertaking <b>authorization letter</b>		
<b>D Tender Related</b>				
13.	Details of the Earnest Money Deposit (EMD)			
	A. <b>Schedule A - ₹ 90,000/-</b>	FDR/DD No: Date: Payable at		
	B. <b>Schedule B - ₹ 15,000/-</b>	FDR/DD No: Date: Payable at		
	C. <b>Schedule C - ₹ 8,000/-</b>	FDR/DD No: Date: Payable at		
	D. <b>Schedule D - ₹ 8,000/-</b>	FDR/DD No: Date: Payable at		

**Tender Enquiry No. ADMIN/Tender/Dentistry Equipment/3/2014**

<b>S. N.</b>	<b>Description</b>	<b>Document Required</b>	<b>Document Supplied (Yes/No)</b>	<b>If yes, provide Reference page number in techno-commercial bid</b>
	<b>E. Schedule E - ₹ 15,000/-</b>	FDR/DD No: Date: Payable at		
	<b>F. Schedule F - ₹ 8,000/-</b>	FDR/DD No: Date: Payable at		
	<b>G. Schedule G - ₹ 3,000/-</b>	FDR/DD No: Date: Payable at		
	<b>H. Schedule H - ₹ 5,500/-</b>	FDR/DD No: Date: Payable at		
	<b>I. Schedule I - ₹ 3,000/-</b>	FDR/DD No: Date: Payable at		
14.	Details of the cost of the Tender documents worth ₹ 5,000/- (Rupees Five Thousand Only)			
15.	Whether each page of NIT and its annexure have been signed and stamped			
16.	Whether original catalogue of the equipment/instruments quoted with detailed data sheet enclosed.			
17.	Whether Bidders have quoted for each and every item mentioned in respective schedule			
	i. <b>Schedule A</b>			
	ii. <b>Schedule B</b>			
	iii. <b>Schedule C</b>			
	iv. <b>Schedule D</b>			
	v. <b>Schedule E</b>			
	vi. <b>Schedule F</b>			
	vii. <b>Schedule G</b>			
	viii. <b>Schedule H</b>			
	ix. <b>Schedule I</b>			



**Tender Enquiry No. ADMIN/Tender/Dentistry Equipment/3/2014**

S. N.	Description	Document Required	Document Supplied (Yes/No)	If yes, provide Reference page number in techno-commercial bid
E	<b>Other Relevant Information required</b>			
18.	Permanent Account Number	Copy of the PAN Card		
19.	Please attach copy of last of Income Tax Return			
20.	VAT/Service Tax Registration Certificate	Please attach copy		
21.	Acceptance of terms & conditions attached (Yes/No).	Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. <b>Otherwise your tender will be rejected.</b>		
22.	Please submit a notarised affidavit on Indian Non judicial stamp paper of Rs. 10/- that no case is pending with the police against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner. Please also declare that proprietor/firm has never been black listed by any organization.			
23.	Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs. 10/- that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. <b>If you don't fulfil this criteria, your tender will be out rightly rejected.</b>			
24.	Any other information important in the opinion of the tenderer			
25.	Kindly mention the total number of pages in the tender document.			

**Note:**

- i. Page number/serial number may be given to each and every page of Tender Documents and photocopies of the attested documents attached. Mention Page number, wherever the copy (ies) of the document(s) is kept.
- ii. In case of non-fulfillment of any of the above information/ document(s), the Tender will be summarily rejected without giving any notice.

**(Dated Signature of the Tenderer with stamp of firm)**

**Declaration by the Tenderer:**

- 1) That I/we have carefully studied all the terms & conditions of NIT and shall abide by it.
- 2) That I/We shall supply the items of requisite quality.
- 3) That I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.

**Place:**.....

**Date:**.....

**(Signature of Tenderer with seal)**

Name:

Address :

**Tender Enquiry No. ADMIN/Tender/Dentistry Equipment/3/2014**

**“Dentistry Equipment”  
AIIMS, Raipur  
FINANCIAL BID for SCHEDULE - A/ B / C /D**

**(In sealed Cover-II super scribed “Financial Bid for Schedule – A/B/C/D”)**

S. No.	Item Description	Qty of units	Unit Price in INR		Custom duty in INR (if applicable)		Taxes (if applicable) VAT / Sales Tax/etc in INR		Service Tax (if applicable) in INR		Total Unit Price (including all taxes)		Total price of (Unit price x Quantity)	
			Figures	Words	Figures	Words	Figures	Words	Figures	Words	Figures	Words	Figures	Words
1														
2														
3	<b>Accessories</b>													
	AMC/CMC Total for Five Years (Details is to be mentioned in separate Table)													
	<b>Grand Total*:</b>													

The grand total \* will be the deciding factor for L1 provided all the other conditions mentioned in the tender document (GCC, SCC and the technical conditions) are fulfilled.

DATE:

SIGNATURE WITH NAME AND SEAL

**Tender Enquiry No. ADMIN/Tender/Dentistry Equipment/3/2014**

**“Dentistry Equipment”  
AIIMS, Raipur  
FINANCIAL BID for SCHEDULE - E / F / G / H / I**

**(In sealed Cover-II super scribed “Financial Bid”)**

S. No.	Item Description	Qty of units	Unit Price in INR		Custom duty in INR (if applicable)		Taxes (if applicable) VAT / Sales Tax/etc in INR		Service Tax (if applicable) in INR		Total Unit Price (including all taxes)		Total price of (Unit price x Quantity)	
			Figures	Words	Figures	Words	Figures	Words	Figures	Words	Figures	Words	Figures	Words
1.														
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
AMC/CMC Total for Five Years (Details is to be mentioned Separate next Table)														

The Cost of individual equipment/instrument will be the deciding factor for L1 provided all the other conditions mentioned in the tender document (GCC, SCC and the technical conditions) are fulfilled.

DATE:

SIGNATURE WITH NAME AND SEAL

**PRICE SCHEDULE FOR ANNUAL MAINTENANCE CONTRACT  
(A.M.C.) / COMPREHENSIVE MAINTENANCE CONTRACT (C.M.C) AFTER  
EXPIRY OF WARRANTY**

**(RATES SHOULD BE QUOTED IN INDIAN RUPEES ONLY)**

Sr No	SM E Code No.	Name of the Equipment	For Sixth year with spare parts & labour	For Seventh year with spare parts & labour	For Eighth year with spare parts & labour	For Ninth year with spare parts & labour	For Tenth year with spare parts & labour
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

Place:

Date:

Signature  
Name in Capital Letters  
Designation

**SPECIAL CONDITIONS**

1. The bidders should submit the relevant certificates / evidence of previous supply to other hospitals. If required, the technical committee may enquire from the other hospitals where the bidders have supplied the material.
2. The bidders should also submit a certificate from the relevant authority as to the quality of the equipment.
3. The bidder should not have been blacklisted before.
4. The bidders shall also arrange for the demonstration of their equipment to the concerned committee regarding the quality aspect.

The above quote should include all applicable taxes. If the rates of various items are L1 for different Tenderer, the AIIMS Raipur reserve the right to either accept the L1 of different firm/agencies or will negotiate, with the firm who has quoted the maximum gross value of L1 items to lower the rate of other item up to the limit of L1 quoted by other firms. In this context, final decision of the committee will be binding to all and no claim in the regard can be entertained. The quantity indicated is tentative and may vary, and any decision in this regard by Director AIIMS Raipur shall be final.

**Warranty, Service, Maintenance:**

**Warranty**

The equipment price should be quoted along with full comprehensive warranty of 5 years with proper maintenance service mentioned in this document.

**Service**

The supplier will ensure regular maintenance service by the appropriate engineer having the technical know-how of the equipment. The supplier shall also ensure the presence of resident engineer in the geographical location of this city of Raipur so that he attends the call without loss of time.

**Maintenance**

**It will be mandatory for the supplier to enter into a maintenance contract as applicable below:**

- a. If the cost of the unit/instrument/equipment is less than INR Five Lakhs, then the supplier has to sign an annual maintenance contract with the purchaser. During this period the supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be raised by the user department. This contract will be 1 % per annum of the base price (exclusive of taxes / duties) quoted in the financial bid and shall be paid to the supplier at the end of the year with the clearance / satisfaction certificate issued by the user department.
- b. If the cost of the unit/instrument/equipment is more than INR Five Lakhs, then the supplier has to sign a comprehensive maintenance contract with the purchaser. During this period the supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be raised by the user department. This contract will be 3 % per annum of the base price (exclusive of taxes / duties) quoted in the financial bid and shall be paid to the supplier at the end of the year with the clearance / satisfaction certificate issued by the user department.

Non-compliance of any of these conditions or any of the conditions mentioned in the document renders the purchaser to blacklist the supplier along with appropriate legal actions.

**Declaration by the Bidder:**

1. This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained in Tender document regarding terms & condition of the contract, rules regarding purchase of Maxillofacial Surgery Instruments . I/we agree to abide them.
2. No other charges would be payable by Client and there would be no increase in rates during the Contract period.

Place:.....

**(Signature of Bidder with seal)**

Date:.....

Name :

Seal :

Address:

**Annexure-I**

**TECHNICAL SPECIFICATION FOR DENTISTRY EQUIPMENT**

**TECHNICAL SPECIFICATIONS**

**General Specifications:**

1. The instruments quoted should be of high quality and ASTM F899 or of equivalent standard specifications for the material used
2. All the material /equipment should be European CE or US FDA Certified apart from their individual prerequisite mentioned against the material.
3. All the Electronic equipment should comply with Electrical safety conforms to standards for electrical safety IEC 60601-1.
4. The radiological equipment should be AERB Type Approved
5. All the equipment's power input should be 220- 240 V AC, 50Hz fitted with Indian plug.
6. All the instruments/equipment should be provided with the detailed data sheet along with the original brochure of the quoted model (Photocopies/Print outs are not accepted)

**SCHEDULE –A: ADVANCE ELECTRONIC DENTAL CHAIR**

**Model Quoted:.....**

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
01.	Fully motorized, electrically driven, which gives smooth and non-jerky start and stop.	
02.	Should be made of Cast aluminium alloy frame	
03.	Lowest height range should be between 300 - 450 mm to improve visibility and access.	
04.	Chair should have safety brake system while going down for patient exit position	
05.	Chair should have toe movement. While backrest moves down, toe should move up	
06.	The design should enable operator to be close to the patient to provide optimum vision of the operating field and safe control of all component devices.	
07.	The base and other structure should have a corrosion resistant coating	
08.	The backrest should be ultra thin, flexible, highly comfortable, seamless long life upholstery with memory foam and should be disinfectible	



<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
09.	The chair should be designed to provide good ergonomics for both operator and assistant	
10.	Chair should have double articulating adjustable ergonomic headrest	
11.	Should be Noiseless DC Motor	
12.	The chair movement control should be at both finger tip panel and user friendly foot control with all the functions	
13.	Should have integrated power supply for fiber optic handpieces, piezo electric motor etc	
14.	All the outlet & inlet for the services to the chair should be concealed in the box to be at the foot area of the chair or within the unit, as an infection control measure	
<b>Dental Operatory unit</b>		
15.	Should be with minimum 5 delivery ports for various handpieces, scaler and 3-way syringe (tip autoclavable, with 6 spare tips)	
16.	The operatory unit should have ergonomically designed delivery with hanging tube instruments having balanced flax arms with pneumatic bracket or as separate cart with hanging tubes.	
17.	Should have minimum two high Speed Air Rotor terminals with water control on coupling with at least one fiber optic terminal	
18.	It should have one in-built Piezon LED Ultrasonic Scaler (frequency 28-36 KHz) with 4 scaler tips and one set of perio-curette tips	
19.	The handpiece control block should flow through water design to eliminate stagnant water	
20.	<b>Built-in antiretraction valves and flush valve system for infection control</b>	
21.	Should have adequate infection control systems	
22.	Autoclavable quick disconnect water syringe	
23.	Should have one Air Motor terminal with speed control preferably fiber optic, with speed range of 300 - 40000 RPM in standard mode with cutting power in the range between 50 - 70 watt. Should be provided with the Brushless Micromotor cord.	
24.	The assistant side should have high vacuum	

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
	suction, Medium vacuum suction and 3-way syringe, LED Composite curing system. The Suction system should be compact, unique universal semi wet suction and have cleaning system for the same. Durr Suction is preferably.	
25.	X-Ray viewer (LED Based)	
26.	Led Based composite curing light	
27.	It should be supplied with following handpieces (all European CE Certified Genuine instruments) <ol style="list-style-type: none"> <li>1. Fiber optic Air rotor nos. 1. (<i>Scratch resistant, Titanium Body</i>)</li> <li>2. Fiber optic Micromotor straight nos. 1 (<i>scratch resistant, Titanium Body</i>)</li> <li>3. Micro motor contra angle miniature nos. 1,</li> </ol>	
28.	Dental Camera system with >15" LCD Monitor	
<b>Cuspidor</b>		
29.	Movable cuspidor box and Movable assistant control system should have <ol style="list-style-type: none"> <li>1. Saliva ejector</li> <li>2. Autoclavable High volume evacuator</li> <li>3. Autoclavable 3-way syringe</li> <li>4. High quality detachable stain proof bowl with adjustable cup fill and bowl rinse timers</li> <li>5. Clean water bottle system</li> <li>6. Water treatment should be inbuilt for adequate infection control.</li> </ol>	
<b>Operating Light</b>		
30.	Should have latest Sensor operated Non Touch (On/Off) LED Light	
31.	With luminosity of 50000 lux and 25000 lux with maximum degrees of rotation of light arm movements	
32.	Light Head with axial movements - Horizontal, Vertical, Axial and diagonal adjustment	
33.	LED light 5000 K cool light or similar high quality light	
34.	Three position intensity with high, medium and composite setting	
<b>Doctor's stool</b>		
35.	Cast-metal/alloy base with five tile castors	
36.	Two way adjustable lumbar support	

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
37.	Integral Gas cylinder for height adjustment	
38.	Height range between 400 - 700 mm	
<b>Assistant's stool</b>		
39.	Cast-metal/alloy base with five tile castors	
40.	Height adjustable torso support with height adjustable foot ring	
41.	Integral Gas cylinder for height adjustment	
42.	Height range between 500 - 800 mm	
<b>Compressor:</b>		
43.	A suitable Medical grade oil Free Compressor, which should be Noise less, and Minimum of 1HP, with Retraction Valve and Pressure guage. Noise: 64db maximum <b>(Only one compressor required for both the chairs)</b>	
<b>Prerequisite</b>		
44.	The bidder has to arrange for the demonstration of the equipment with no financial assistance from AIIMS Raipur.	
<b>Environmental Factors</b>		
45.	The unit should be capable of being stored continuously in ambient temperatures of 0 – 50 degree centigrade and relative humidity of 15 – 90 %.	
46.	The unit should be capable of operating continuously in ambient temperatures of 10 – 45 degree centigrade and relative humidity of 15 – 90 %.	
<b>Power Supply</b>		
47.	Power input to be 220 – 240V AC, 50 Hz	
<b>Certification</b>		
48.	US –FDA and CE - European approved	
49.	ISO approved	
50.	Manufacturer should have ISO certification for quality standards	
51.	Electrical safety conforms to standards for electrical safety IEC 60601-1 (OR EQUIVALENT international/national standard) General requirement for Electrical safety of Medical Equipment.	
<b>System Configuration Accessories, spares and consumables</b>		
52.	System as specified on turn key basis	
53.	All consumables required for installation and standardization of system to be given free of cost.	
54.	Accessories as specified	
55.	Provision for modular furniture with sink with minimum dental operator 12 feet x 12 feet should	

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
	be included in quote.	
56.	Necessary cables and all other accessories those are required for the smooth functioning of the system to be supplied	
<b>Documentation</b>		
57.	User/Technical/Maintenance manuals to be supplied in English	
58.	Certificate of calibration and inspection.	
59.	List of important spare parts and accessories with their part number and costing	
60.	List of Equipment available for providing calibration and routine Preventive Maintenance Support. As per manufacturer documentation in service/technical manual.	
61.	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.	
<b>Turnkey: <u>The supplier or his representative shall inspect the site before bidding. The turnkey price should be quoted.</u></b>		
62.	The supplier would do all the necessary civil, electrical and Plumbing other changes required for the effective functioning of the Dental Chair.	
63.	Interior furnishing with the requisite furniture, storage, cupboards, reception area etc. for the operatory area size of 12 X 12 sq feet per dental chair. Will also form an essential component of this turnkey project.	
64.	Cabinetry, drawers can be opened by push-latch or with handles. With clean lines and a large storage capacity with provision for Proper stacking of Instruments.	
65.	The fixtures should include modular work station with a size of 6 x 2.5 ft. with acid and fire resistant table top, high quality wash basin	

**SCHEDULE – B: DENTAL DIGITAL RADIOGRAPHY SYSTEM WITH X RAY UNIT**

**Model Quoted** : .....

**X ray unit Model Quoted** : .....

**AERB type approval** : .....

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
01.	<b>Should be an AERB type approved for the quoted model. Valid approval certificate to be enclosed.</b>	
02.	High resolution Digital sensor based on CCD/CMOS technology	
03.	Thickness of the sensor should be less than or equal to 5 mm with Minimum active area - 800 mm area	
04.	Spatial resolution approx. 25 line pairs/mm	
05.	Cable length for the sensor should be a minimum of 2.5 meters.	
06.	Dynamic range (accurate measurement of bone density), should be more than or equal to 14 bit mage acquisition. (Provide data sheet)	
07.	Should have positioning devices i. Bitewing ii. Periapical iii. Endodontic	
08.	Should have at least 10,000 numbers of disposable plastic sheaths for the placement of sensors in the patient's mouth	
09.	Software should be user friendly, accurate, and dental Implant friendly.	
<b>Intra oral X - ray unit</b>		
10.	Should be based on <b>DC current</b>	
11.	Tube voltage, selection: 60 - 65 - 70 kVp,	
12.	Tube current 6 mA/ 8 mA,	
13.	Focal spot 0.8 x 0.8 mm	
14.	Total filtration > 2 mm Al	
15.	Minimum range of exposure time range - 0.02 to 3.2 secs,	
16.	Manufactured with international Safety standards for radiation leakage	

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
17.	Electronic selection of exposure time/radiation according to tooth number.	
18.	It should be possible to select exposure time manually	
19.	Option for wall mount/ mobile stand	
<b>System Configuration Accessories, spares and consumables</b>		
20.	X-ray unit should be supplied with lead free apron	
21.	Reusable Digital X-ray holders	
<b>Power Supply</b>		
22.	Power input to be 220-240VAC, 50Hz fitted with Indian plug	
23.	Servo Voltage stabilizer of appropriate ratings meeting ISI Specifications.(Input 160-260 V and output 220-240 V and 50 Hz)	
<b>Standards, Safety and Training</b>		
24.	The product should be US FDA and European CE Certified.	
25.	Should Be <b>AERB Type Approved</b>	
26.	Manufacturer/ Supplier should have ISO certification for quality standards.	
27.	Electrical safety for dental x-ray unit conforms to standards for electrical safety IEC-60601 / IS-13450	
<b>Documentation</b>		
28.	User/Technical/Maintenance manuals to be supplied in English with complete data sheet.	
29.	List of important spare parts and accessories with their part number and costing	
30.	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.	
<b>Prerequisite</b>		
31.	Demonstration of the quoted item is must and should be arranged by the bidder for any expenses incurred for the same.	

**SCHEDULE – C: SURGICAL MICROMOTOR WITH CONSOLE**

**Model Quoted** :.....

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
01.	US FDA and European CE Certified	
02.	Should be a <b>Motor-Brushless</b> induction motor	
03.	The Control Unit should have easy control of speed, motor direction, torque and irrigation pumps.	
04.	It should work with in 50-60 Hz or 100-240V	
05.	The irrigation pumpage should not be more than 120ml/minute.	
06.	The Max rpm should be atleast 45000 u/min.	
07.	Motors should have high consistent torque	
08.	The micromotor should be with a illumination (Fiber optic)	
09.	The MicroMotor with Cable should be autoclavable upto 134°C.	
10.	The MicroMotor should come with an intra coupling (“E” coupler) so that allows for universal attachment between motors and handpieces regardless of make	
11.	The Micromotor with Intra coupling should be upgradeable such that Microcompass saw and Micro sagittal saw can be attached in future	
12.	The Control unit should also come with a footpedal	
13.	The Footpedal should have protection proof class of at least IP x 5.	
14.	The Footpedal should have on and off for irrigation pump and have change over function for clock wise and anticlockwise rotation.	
15.	Should include Cleaning & Lubricating spray	
16.	All the accessories for basic functions should be provided.	
17.	One straight Hand piece fiber optic. (Should be able to accept regular 701/702 Burs)	
18.	One reduction gear contra angle hand piece 20:1 with offer maximum torque (70 Ncm) with both internal and external spray. Should be USFDA or EN CE approved.	
19.	Demonstration of the Quoted item is must at the predetermined place by the purchaser	

**SCHEDULE – D: TABLE TOP AUTOCLAVE**

**Model Quoted:.....**

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>
01.	<b>Sterilizer Type:</b> B type Table Top Sterilizer.	
02.	Capacity: <b>minimum 18 liters</b>	
03.	Chamber Size: The sterilizer should have Rectangular/Cylindrical chamber	
04.	Maximum processing capacity per charge.	
05.	Quality System Compliance: Sterilizer should comply the quality systems as per ISO 9001:5000, EN ISO	
06.	<b>Quality Assurance:</b> Sterilizer should be European CE or US FDA	
07.	<b>Types of Cycles Process:</b> Table Top Sterilizers should be equipped with B- process as per latest	
08.	International standards	
<b>Chamber:</b>		
09.	Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) & EN 13445 norms or equivalent	
10.	Chamber should have minimum 5 years warranty or should confirm 44- 50,000 process minimum life.	
11.	Chamber should have working pressure 2.2 bar & design pressure up to 3.8 bar.	
12.	Chamber should have Stress & Fatigue analysis reports for material & construction of the pressure vessel.	
13.	Chamber should be equipped with electrically heated jacket for preheating on stand by mode	
<b>Design</b>		
14.	Should have horizontal sliding/Hinged door with silicon elastomer rubber gasket to withstand temperature up to 140°C. The gasket should be replaced if required during the warranty time.	
<b>Air Filter</b>		
15.	A disposable air filter should be provided for filtering the atmospheric air before entering inside the chamber. The filter separation efficiency should be higher than 99.998% for	



	particle size less than 0.3µm	
<b>Cycle programs:</b>		
16.	134°C Wrapped & Unwrapped	
17.	121°C Wrapped & Unwrapped	
18.	134°C Flash/Rapid open instrument cycle.	
19.	134°C Textile.	
20.	134°C Prion.	
21.	Test programs: Bowie & Dick, Leak Test, Helix Test	
<b>Water Storage Tank</b>		
22.	Sterilizer should have inbuilt water reservoir with storage capacity between 3 liters to 5 liters. The water reservoir should have easy access for cleaning & to avoid bio film.	
<b>Steam Generator</b>		
23.	Sterilizer should have inbuilt steam generator with warranty of 5 years on heating elements. The steam generator design should be with integrated energy storing system for building up power for sterilization loads in short time	
<b>Control Panel:</b>		
24.	The control system should be microprocessor based PLC system specially designed for sterilization applications. The control system should have CPU processor with battery back- up, Digital input/output controls, analog measuring inputs & COM ports for printer & PC connectivity.	
<b>Alarms</b>		
25.	Automatic process checking & failure correction should be possible by the control system. The range of alarm should include Temperature & pressure sensor failure, phase time- out, doors not properly closed, power failure (less than 10 sec should be ignored), continuous self checking of all the safety devices, low water level etc. All the alarms should be audio- visual	
<b>Accessories</b>		
26.	The sterilizer unit should included Rack with 5 levels & suitable size instrument trays should be the part of the supply for every sterilizer. The Sterilizer should have water circulation system	

	so that no drain point & fixed water inlets required	
	<b>Standards &amp; Norms</b>	
27.	The sterilizer must comply the following standards, ISO 9001:5000 (Quality Systems), ISO 13485:2003 (Quality Systems for Medical Devices), ISO 14001 (Environment Management System).	
28.	The product should be US FDA and European CE Certified, BIS/ISI approved	
29.	Demonstration of the Quoted item is must at the predetermined place by the purchaser	

**SCHEDULE – E: ORAL SURGERY INSTRUMENTS**

<b>S No</b>	<b>Specifications</b>	<b>Compliance by the Bidder</b>	
01.	Should be US FDA or European CE Certified and should be Medical grade stainless steel,		
02.	Products should carry a lifetime warranty against defects in materials and workmanship, and should repair or replace any product that fails as a result of such defect.		
03.	All the instruments should be autoclavable		
04.	All the instruments should be quoted along with autoclavable cassettes with silicone rails for storing		
05.	<b>Complete set of upper and lower extraction forceps</b>		
	Forceps should have precise, anatomically designed beaks for a sure, effective grip.		
	Should Include all these forceps.	<b>Quantity</b>	
	i. Upper Anterior, Premolar Forceps	3 Each	
	ii. Anterior Root & posterior Root forceps with serrated tips	3 Each	
	iii. Upper Molar (Rt & Lt) Forceps	3 Each	
	iv. Upper bayonet and third molar forceps	2 Each	
v. Lower Anterior, Premolar Forceps	3 each		

	vi. Lower anterior and posterior root forceps	3 each	
	vii. Lower Molar Forceps	3 each	
	viii. Upper (Rt & Lt) and Lower Cow horn Forceps	3 each	
	ix. Lower third Molar Forceps	3	
	x. Child pattern Forceps (Pediatric)	1 set	
06.	<b>Complete set of elevators</b>		
	i. Apexo Elevators – Schmeckbier type	2 Set	
	ii. Coupland Elevator – third molar	4	
	iii. Straight Elevator – Cogswell type	2	
	iv. Cryer’s Elevator (Left and right) – Medium Size	2 pairs	
	v. War Wick James Pattern Elevator (Straight, Left and right)	2 each	
	vi. Crossbar elevator	1 pair	
	vii. Root Tip Elevator - double ended	2	
07.	Scalpel handle - Bard Parker style with metric ruler (No 03)	5	
08.	Scalpel handle - round handle (no 05)	2	
09.	Frazier Suction aspirating syringes with wire stylette 3.0 mm diameter	2	
10.	Cheek retractor Austin type with fiber optic attachment	2	
11.	<b>Periosteal Elevators</b>		
	Molt no.9	10	
	Howarths	5	
12.	Suture cutting Scissors	3	
13.	TC - Goldman fox 5inch Straight and Curved	2 each	
14.	TC - Needle Holder, Mayo-Hegar 6”	5	
15.	Dean Scissors	1	
16.	Metzenbaum Curved/blunt 5 1/2 ”	2	
17.	Adson Plain (Small)	5	
	Adson Toothed (Small)	5	
18.	<b>Bone files Double ended.</b> Cross-Cut file with Curved working end combined with a straight working end Crosscut file	5	
19.	Bone Curettes – Lucas Type. Double ended. (Small tip and large tip)	2 each	
20.	Bone Rongeurs End cutting	2	

21.	Bone Rongeurs Side cutting	2	
22.	Skin hook	2	
23.	Hard Wire Cutter	2	
24.	<b>Aspirating Syringes</b> <ul style="list-style-type: none"> <li>• Should be made of surgical grade stainless steel. These syringes are indicated for the injection of local anesthetic solution.</li> <li>• Ergonomic and lightweight</li> <li>• Designed to Reduce hand stress during injection</li> <li>• Should accept 1.7 ml and 1.8 ml dental cartridges</li> </ul>	5	

**Schedule F: GENERAL DENTAL INSTRUMENTS**

<b>S No</b>	<b>Specifications</b>	<b>Quantity Required</b>	<b>Compliance by the Bidder</b>
01.	All the equipment should be US FDA or European CE Certified		
02.	Medical grade stainless steel, Autoclavable wherever applicable.		
03.	All the instruments should be quoted along with autoclavable cassettes with silicone rails for storing		
04.	<b>Diagnostics</b> <ul style="list-style-type: none"> <li>i. Mouth mirror, with Anti Fog, Scratch resistant Mirrors, <b>rust free</b>, slimline,</li> <li>ii. With single end larger handle with proper grip.</li> <li>iii. Straight Probe with single end larger handle with proper grip.</li> <li>iv. Dental Explorer – Double ended with single end larger handle with proper grip.</li> </ul>	<ul style="list-style-type: none"> <li>• 5 Handles</li> <li>• #4 Mirror tops – 20 Number</li> <li>• #5 Mirror tops – 50 Number</li> </ul> 10  10	
05.	Impression trays for Dentulous arches (upper & lower arches) <ul style="list-style-type: none"> <li>• Should be Autoclavable &amp; reusable</li> <li>• Anatomic shapes with good</li> </ul>	2 sets	

	peripheral support. Rigid with ergonomic handle. <ul style="list-style-type: none"> <li>• All Sizes</li> <li>• Perforated</li> </ul>		
06.	Autoclavable stainless steel instrument cassette with soft silicone rails. (Sizes should be approx. of the below mentioned)		
	8 x 5 inch (hold around 14 instruments)	4	
	12 x 8 inch (hold around 20 instruments)	4	
	Cassettes to store air motor hand piece and other hand pieces. (Should hold 2 at a time)	5	
	Bur storage devices Small and long	2 each	
07.	Complete Storage Solutions, Should be made of material resistant to bacterial growth		
	Autoclavable tub with locking lid with dividers and nonslip liner to store small instruments,	4	
	Small cups with cover to store small instruments like clamps, cotton pellets, brushes, implant tools etc	5	
	Suitable racks to store the tubs and cassettes	2	
08.	Impression trays for edentulous Arches (upper & lower arches) <ul style="list-style-type: none"> <li>• Should be Autoclavable &amp; reusable</li> <li>• Anatomic shapes with good peripheral support. Rigid with ergonomic handle.</li> <li>• All Sizes</li> <li>• Non Perforated</li> </ul>	2 sets	

**SCHEDULE - G: ORTHODONTIC INSTRUMENTS**

S No	Specifications	Quantity	Compliance by the Bidder
01.	All the equipment should be US FDA or European CE Certified		
02.	All the instruments should be quoted along with compatible autoclavable cassettes with silicone rails for storing and using		

S No	Specifications	Quantity	Compliance by the Bidder
03.	Adams plier	1	
04.	Universal plier (Loop Plier)	1	
05.	Straight Cutter long and short Handle	1 each	
06.	Distal End Cutter with hold	1	
07.	Pin And ligature cutter	1	
08.	Heavy wire cutter	1	
09.	Light Wire plier (Bird beak) Short and long	1 each	
10.	Dellarosa	1	
11.	Bonding Tweezers Curved and straight	2	
12.	Preformed Molar Bands with pre welded Buccal tube	100	
13.	Spot Welder	1	
14.	Solder torch	1	
15.	Chair Side Sand blasting unit	1	
16.	Nola Dry Field System	4	
17.	Intra Oral Mirror set	2	

**SCHEDULE - H: ENDODONTIC AND RESTORATIVE INSTRUMENTS**

S No	Specifications	Quantity	Compliance by the Bidder
01.	All the equipment should be US FDA or European CE Certified		
02.	All the instruments should be quoted along with autoclavable cassettes with silicone rails for storing		
03.	<b>ENDODONTIC INSTRUMENTS</b>		
	a. Endodontic explorers (Should not bend under pressure)	2	
	b. Endodontic Hand Spreaders - Color coded	1 set	
	c. Endodontic Hand pluggers – Apical - Color coded Anterior and Posterior	1 set	
	d. Endodontic pluggers – Retro Filling	1 set	
	e. Endodontic box with Ruler. Autoclavable. Should accomodate Minimum 50 finger instruments	5	

<b>S No</b>	<b>Specifications</b>	<b>Quantity</b>	<b>Compliance by the Bidder</b>
04.	<b>RESTORATIVE INSTRUMENTS</b>		
	Restorative Filling and carving Instruments Set <ul style="list-style-type: none"> <li>• Full Set of instruments. Both anterior and Posterior Restoration.</li> <li>• Products should include a wide range of instruments ideally tailored for the purpose.</li> <li>• Should be Polished, corrosion-resistant stainless steel tips prevent the adhesion of filling material.</li> <li>• Should not cause corrosion or felting of the filling material</li> </ul> Should Be EN CE/ US FDA Approved		
	a. Tofelmere	5	
	b. Sectional Matrix kit	2	
	c. Cement Spatula	5	
	d. Cement Carrier	5	
	e. Cement Condenser	5	
	f. Spoon Excavators	5	
	g. Amalgam carvers Full set	2 each	
	h. Amalgam condensers Full set (Should include Round, Parallelogram)	2 each	
	i. Burnishes Full set (Ball, Egg and any other available )	2 each	
	j. Amalgam Carrier, non-clogging operation	2	
05.	Composite Filling Instruments (with titanium tips) – Full set should be quoted	1 set	
06.	VITA 3D shade guide	1	
07.	Bur Box that organizes and securely holds atleast 20 burs for ultrasonic cleaning and sterilization.	1	

**SCHEDULE – I: PERIODONTICS KIT**

<b>S No</b>	<b>Specifications</b>	<b>Quantity</b>	<b>Compliance by the Bidder</b>
01.	All the equipment should be US FDA/ European CE Certified		
02.	All the instruments should be quoted along with compatible autoclavable cassettes with silicone rails for storing and using		

<b>S No</b>	<b>Specifications</b>	<b>Quantity</b>	<b>Compliance by the Bidder</b>
03.	<b>Scalars</b>		
	i. Anterior Sickle, Hoe Scaler	2 each	
	ii. Jacquette Scaler anterior and posterior	2 each	
04.	<b>Curettes</b>		
	i. Furcation Curettes	1 set	
	ii. Gracey Curettes	1 Set	
05.	Periodontal Surgery instrument kit (files and Knives) <ul style="list-style-type: none"> <li>• Should include Orbans, Krikland knives and Slugher and Sugerman files also.</li> <li>• Should have an autoclavable container for the same.</li> </ul>	1 set	
06.	Implant Maintenance Kit – the tips are to be made of high-grade resin that does not scratch titanium should be autoclaved before use. Should include atleast <ul style="list-style-type: none"> <li>• Scaler tips</li> <li>• William Probe tips</li> <li>• Handle</li> </ul>	1 complete kit	
07.	Williams Periodontal Probe	2	



**MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM**  
(Clause 13 (c) of the tender)

To

The Administrative Officer,  
All India Institute of Medical Sciences Raipur

Dear Sir,

TENDER: \_\_\_\_\_.

we, \_\_\_\_\_ who are established and reputable manufacturers of \_\_\_\_\_, having factories at \_\_\_\_\_ and \_\_\_\_\_, hereby authorize Messrs. \_\_\_\_\_ (name and address of agents) to bid, negotiate and conclude the contract with you against Tender No. \_\_\_\_\_ for the above goods manufactured by us. No company or firm or individual other than Messrs. \_\_\_\_\_ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

We hereby extend our full guarantee and warranty as per the conditions of tender for the goods offered for supply against this tender by the above firm.

The authorization is valid up to \_\_\_\_\_.

Yours faithfully,

(Name)

For and on behalf of Messrs. \_\_\_\_\_  
(Name of manufacturers)/Principal.