

TENDER NOTICE
Dentistry Equipments
AIIMS, Raipur, Tatibandh, Raipur,
Date: 10th Sep. 2013

On behalf of the Director, All India Institute of Medical Sciences, Raipur tenders in sealed cover are invited under **two-bid** system from manufacture and their authorised dealers/ distributors for providing Dentistry Equipments for AIIMS Raipur.

The interested manufactures and their authorised dealers/ distributors are required to submit the technical and financial bid separately. The bids in Sealed Cover-I containing "Technical Bid" and Sealed Cover-II containing "Financial Bid" should be placed in a third sealed cover super scribed "**Tender For Dentistry Equipments**" and should reach at the office of "**The Administrative Officer, AIIMS, Tatibandh Raipur (CG) - 492001**, by or before on 03.00 PM on **04-10-2013**. The bid received after due date and time will not be entertained whatsoever may be the reason. The technical bids shall be opened on the same day at **03.00 PM** at AIIMS, Raipur. In the event of any of the abovementioned date being declared as a holiday / closed day, the tenders will be opened on the next working day at the appointed time. The date of technical evaluation of items and opening of financial bid of technically qualified agencies will be announced later.

The tender document containing technical bid form, financial bid form, technical description/specification & item and terms & conditions can be downloaded from website www.aiimsraipur.edu.in. Demand Draft/Pay Order for Rs.1135/- (Rupees one thousand one hundred thirty five only) (non-refundable) in favour of "**AIIMS, Raipur**", payable at **Raipur**, against cost of the tender document along with their technical bid in the Cover-I "Technical Bid". The amount of bid security (EMD) for **Tender For Dentistry Equipments of Rs. 1,00,000/- (Rupees One Lakh)** of tender documents should be paid by FDR/DD in favour of "**AIIMS, Raipur**" payable at **Raipur** and will be placed in cover-1 with technical bid. The Tender Documents are not transferable.

Any future clarification and/or corrigendum(s) shall be communicated through Administrative Officer on the AIIMS, Raipur website: www.aiimsraipur.edu.in.

Administrative Officer
AIIMS, Raipur

TENDER DOCUMENT
“Dentistry Equipments”
 AIIMS, Raipur

TECHNICAL BID
(In separate sealed Cover-I super scribed as “Technical Bid”)

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)	
4.	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. If you don't fulfil this criteria, your tender will be out rightly rejected.	
5.	Detailed & exact specification of the product available with the vendor should be mentioned in the technical bid in Annexure-I only. Mentioning 'Yes' or 'No' is not sufficient. Original product boucher with details of the product quoted should be attached along with. Bids not complying with this instruction will be out-rightly rejected.	
6.	Please attach copy of last of Income Tax Return	
7.	Please attach balance sheet (<i>duly certified by Chartered Accountant</i>) for last three (3) years (Annual minimum turnover should not be less than 25 lakhs)	
8.	PAN No. (Please attach copy)	
9.	VAT/Service Tax Registration Number. (Please attach copy)	
10.	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. Otherwise your tender will be rejected.	
11.	Power of Attorney/authorization for signing the bid documents	
12.	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.	
13.	Details of the FDR/DD of bid security (EMD) FDR/DD No: Date: Payable at	Detail of cost of Tender for Rs. 1135/- (if downloaded from website) DD No. Date: Payable at-

Declaration by the Tenderer:

This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

Encls:

1. DD/Pay Order (if tender form is downloaded from the website of this Institute)
2. FDR/DD
3. Terms & Conditions (each page must be signed and sealed)
4. Financial Bid

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:

Address :

“Dentistry Equipments”
AIIMS, Raipur
FINANCIAL BID

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

To,
The Administrative Officer
AIIMS, Raipur. (CGF)

Dear Sir

Our Quoted rate for supplying the dentistry equipments for AIIMS, Raipur will be as follows:-

Tender Inquiry No.	Name of the Items required to be purchased	Quantity Required	Unit Cost in Rs.	Total Cost in Rs
	A	B	C	D
1.	Advanced Electronic Dental Chair	2		
2.	Table Top Autoclave	1		
3.	Dental Digital Radiography System with X Ray Unit	1		
4.	Surgical micromoter	2		
5.	Dental Extraction Forceps	2		
6.	Dental Elevators	1		
7.	LED Light Cure Unit	1		
8.	Endomoter	1		
9.	General Dental Instruments	1		
10.	Amalgamator	1		
11.	AMC/CMC equipment wise per year (for 5 years after warranty period)			

SPECIAL CONDITIONS

1. The cost shows in column ‘D’ should be inclusive of supply installation, Testing and commissioning of the equipment with 5 year warranty.
2. 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.

3. The bidders should also submit a certificate from the relevant authority as to the quality of the equipment.
4. The bidder should not have been blacklisted before.
5. 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.

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 Dentistry Equipments. 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:

“Dentistry Equipments”

AIIMS, Raipur

Terms & Conditions

(A) Information and Conditions relating to Submission of Bids

1. The tender document containing eligibility criteria, scope of work, terms & conditions and draft agreement can be downloaded from website www.aiimsraipur.edu.in. Those who download the tender document from Website should enclose a Demand Draft/Pay Order for Rs 1135/-(Rupees one thousand one hundred thirty five only) in favour of “AIIMS, Raipur”, payable at Raipur, not later the date of 04-10-2013, along with their bid in the Cover-I containing “Technical Bid”.
2. The interested firms/suppliers are required to submit the Technical and Financial Bids separately in the format enclosed. The bids in sealed Cover-I containing “Technical Bid” and sealed Cover-II containing “Financial Bid” should be placed in a third sealed cover super scribed “Tender for Purchase of “Dentistry Equipments” should reach AIIMS, Raipur by or before 03.00 PM on 04-10-2013. The Technical bids shall be opened on same day at 03.00 PM at AIIMS, Raipur in presence of the bidders or their authorized representatives who choose to remain present. The Tender received after due date & time will be rejected and no claim shall be entertained whatsoever may be the reason.
3. The bidders are required to submit their query in writing before 16.09.2013 to DDA, AIIMS Raipur, if any.
4. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory. In case the Authorized signatory signs the tenders, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.
5. All entries in the tender form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached. No overwriting or cutting is permitted in the Technical Bid as well as Financial Bid unless authenticated by full signature of bidder. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filled up carefully by the tenderer. All Corrections in this schedule must be duly attested by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

6. The bidder shall pay an amount of Rs. 1,00,000/- as Bid Security (EMD) alongwith the Technical Bid in the form of FDR/DD in favour of “AIIMS, Raipur” drawn on any Nationalized Bank/ Scheduled Bank and payable at Raipur and must be valid for (6) six month. Bids received EMD shall stand rejected and thus shall not be considered for evaluation etc at any stage. The original EMD will be put in cover-I containing Technical bid.
 - a. The Public Sector Undertaking of the Central/State Govt. are exempted from furnishing Earnest Money along with tender.
 - b. The firms Registered with DGS & D/SSI and any approved source of Centre/States Govt. are not exempted from furnishing Earnest Money in so far as this institute is concerned.
 - c. Earnest Money deposited with AIIMS, Raipur in connection with any other tender enquiry even if for same/similar material / Stores by the tenderer will not be considered against this tender.
7. The bid security (EMD) without interest shall be returned to the unsuccessful bidders after finalization of contract.
8. The successful bidders has to constitute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) and also required to furnish the security deposit @ 10% of contract value in the form of FDR/DD/BG of any nationalised bank in favour of AIIMS, Raipur & payable at Raipur only. This deposit will be valid till 60 days beyond the completion of the warranty period. The EMD deposited by successful bidder may be adjusted towards Security Deposit as demanded above. If the successful bidder fails to furnish the full security deposit or difference amount between Security Deposit and EMD within 15 (fifteen) days after the issue of Letter of Award of Work, his bid security (EMD) shall be forfeited unless time extension has been granted by AIIMS, Raipur.
9. The EMD shall be forfeited if successful bidder fails to supply the goods/equipment in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.
10. The bid shall be valid and open for acceptance of the competent authority for a period of 180 (one hundred eighty) days from the date of opening of the tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained
11. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.

12. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions and who has quoted the lowest rate as per financial bid after complying with the all the Acts / provisions stated / referred to for adherence in the tender.
13. The competent authority of AIIMS, Raipur reserved all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any term and condition of the tender enquiry after due discussion in pre bid conference. This will be communicated to all tenderers in writing. AIIMS, Raipur also reserves the right to reject any bid, which in his opinion is non-responsive, or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.
14. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.
15. Canvassing in any form is strictly prohibited and the tenderer who are found canvassing are liable to have their tenders rejected out rightly.

(B) OTHER TERMS & CONDITIONS OF THE TENDER

1. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, postage and transportation charges at FOR AIIMS Raipur.
 2. All the rates should be mention in Indian national currency (INR) only. The rates quoted in foreign currency will not be entertained in this tender enquiry & such tenders will be cancelled straightway.
 3. Rates should be mentioned both in figures and in words. The offer should be typed or written in Ink Pen/ Ball Pen without any correction. Offers in pencil will be cancelled. Telegraphic/ Telex/ Fax offers will not be considered and cancelled straightway.
 4. **Guarantee / Warranty period:** 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 maintainence of that particular
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year duly certified by the user department.

5. The supplier shall submit 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. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender, the Institute (the purchaser) would be given the benefit of lower rates by the Supplier. If such affidavit is not submitted, tender will be out rightly rejected.,
6. If the prices of the contracted articles is/ are controlled by the Government, in no circumstances the payment will be higher than the controlled rate.
7. Tender will be regarded as constituting an offer open to acceptance in whole or in part at the discretion of the competent authority of the institute for a period of 180 days (6 months) valid from the date of opening of the tender by the committee.
8. The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply. In such a case, bid security of the supplier shall stand forfeited.
9. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged.
10. In case the tenderer on whom the supply order has been placed, fails to made supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Raipur) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and bid security deposit will be forfeited.
11. The Specification and quantity of the item needed is mentioned in Financial Bid but it is approximate detail and is subject to increase/decrease at the discretion of the competent authority of AIIMS, Raipur. The payment would be made for actual supply taken and no claim in this regard should be entertained.
12. Where the specifications are as per tenderer's range of product & tenderer's offer

should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications as per given in **Annexure - I**.

13. It must be mentioned clearly whether tenderer is a manufacturer/sole distributor/sole agent for the items for which he is quoting.
 - a. Manufacturer must add a certificate that item(s) is manufactured by them as per range of products
 - b. Sole Manufacturers must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufactures that the Rates quoted are the same as they quote to other State/Centre Govt./reputed Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
 - c. Authorized agents must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals in proforma given in attach duly supported by a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- (Rupees ten only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.
 14. The Tenderers should furnished a copy of S.T./C.S.T./VAT registration number, the State / U.T. of registration and the date of such registration. Tenders not complying with this condition will be rejected
 15. The tenderers should submit along with the tender, a photostat copy of the last Income Tax return and copy of current valid income tax clearance certificate (IT CC) otherwise tender may be ignored
 16. In case asked, tenderer must personally supply a sample/give the demonstration of the equipments/Instruments to the competent authority of the institute and in that case all the expenses will be borne by the supplier.
 17. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender failing, which the tender will not be considered. The tenderer must also mention whether the goods are imported / indigenous. Descriptive literature / catalogues must be attached with the tender in original failing which tender may be ignored.
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18. Any failure or omission to carryout of the provisions of this supply by the supplier shall not give rise to any claim by supplier and purchaser one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any status and or requisitions of the Government lockout and Strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure.
19. The Courts at Raipur/CG alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.
20. If at any time, any question, dispute or difference whatever shall arise between supplier and the institute (Purchaser) upon or in relation to or in connection with the agreement, either of the parties may give to the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred to two arbitrators one to be nominated by the institute (Purchaser) and the other to be nominated by the supplier. Such a notice of the existence of any question dispute or difference in connection with the agreement shall be served by either party within 60 days of the beginning of such dispute failing which all Right sand claims under this Agreement shall be deemed to have been forfeited and absolutely barred. Before proceeding with the reference the arbitrators shall appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the Umpire Appointed by them shall enter upon the reference and his award shall be binding on the Parties. The venue of the arbitration shall be at Raipur, (Chhattisgarh, India). The arbitrators/Umpire shall give reasoned award.
21. The supplier should mention the compliance to the specification in the technical bid of the tender document failing this, the bid document will be disqualified.
22. Supply of equipment, goods and services should be completed within 6 weeks from the date of supply order unless otherwise specified in the supply order. Purchaser will place order by fax &/or e-mail &/or speed post
23. The Bidder shall provide on site warranty/guarantee of the equipment for the period of **five years from the date of installation**. Warranty will cover services, repairs, maintenance, replacement of spare parts, broken / damaged / worn out spare parts and other services free of cost during the whole warranty period of five years. The warranty shall also include “on call service” which should not exceed **24 hours from the time of lodging of complaint through e-mail**.

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

(Signature & Stamp of the bidder)

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

Annexure-I

TECHNICAL SPECIFICATION FOR DENTISTRY EQUIPMENTS

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/ US FDA/ EN ISO Certified.
3. All the Electronic equipments 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.

Tender Inquiry No.	Name of the Items required to be purchased	Specifications Required for the Item to be purchased	Exact details of the product Quoted by the Bidder
1.	Advanced Electronic Dental Chair	Required Specs for the Dental Chair <ol style="list-style-type: none"> 1. Fully motorised, pneumatically / electrically driven, which gives smooth and non-jerry start and stop. 2. Lowest height range should be between 300 - 450 mm to improve visibility and access. 3. Chair should have toe movement. While backrest moves down, toe should move up 4. Chair should have safety brake system while going down for patient exit position 5. The design should enable the operator to be close to the patient to provide optimum vision of the operating field and safe control of all component devices 6. Streamlined cast metal base with provision for good stability 7. The base and other structure should have a corrosion resistant coating 8. The backrest should be ultra thin, flexible, highly comfortable, seamless long life upholstery and should be disinfectible 9. The chair should be designed to provide good ergonomics for both operator and assistant 10. Chair should have adjustable ergonomic headrest 	

Tender Inquiry No.	Name of the Items required to be purchased	Specifications Required for the Item to be purchased	Exact details of the product Quoted by the Bidder
		<p>11. Should have user friendly foot switch with all functions</p> <p>12. The chair movement control should be at both finger tip panel and foot control</p> <p>13. Should have integrated power supply for fiber optic handpieces, piezo electric motor etc.</p> <p>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</p> <p>Dental Operatory unit</p> <ol style="list-style-type: none"> 1. Should be over head delivery system with minimum 5 delivery ports for various handpieces, scaler and 6-way syringe 2. It should have at least 2 fiber optic delivery ports 3. It should have one in-built Piezon LED (fiber-optic) Ultrasonic Scaler (frequency 28-36 KHz) with 4 scaler tips and one set of perio-curette tips 4. The over head delivery system should have balanced flax arms with pneumatic bracket 5. The handpiece control block should flow through water design to eliminate stagnant water 6. Built-in antiretraction valves and flush valve system for infection control 7. Autoclavable quick disconnect water syringe 8. Micromotor with speed range of 300 - 40000 RPM in standard mode with cutting power in the range between 50 - 70 watts 9. The micromotor should have an endodontic mode 10. The assistant side should have high suction, low vacuum suction, light cure system and 3 way syringe 11. X-Ray viewer (LED Based). 12. It should be supplied with following handpieces (all CE certified Genuine instruments) <ol style="list-style-type: none"> a. Fibre optic Air rotor nos. 1. (<i>scratch resistant, Titanium Body</i>) b. Fibre optic Micromotor straight nos. 1 (<i>scratch resistant, Titanium Body</i>) 	

Tender Inquiry No.	Name of the Items required to be purchased	Specifications Required for the Item to be purchased	Exact details of the product Quoted by the Bidder
		<p>c. Fibre optic Micromotor contra angle miniature nos. 1, (<i>scratch resistant, Titanium Body</i>)</p> <p>d. Scaler Handpiece with Standard tips</p> <p>Cuspidor</p> <ol style="list-style-type: none"> 1. Saliva ejector 2. Autoclavable High volume evacuator 3. Autoclavable syringe 4. High quality stain proof vitreous China bowl with adjustable cup fill and bowl rinse timers 5. Clean water bottle system <p>Operating Light</p> <ol style="list-style-type: none"> 1. With luminosity of 20000 lux and 25000 lux with maximum degrees of rotation of light arm movements. 2. Light Head with axial movements - Horizontal, Vertical, Axial and diagonal adjustment 3. LED light 5000 K cool light or similar high quality light 4. Three position intensity with high, medium and composite settings <p>Doctor's stool</p> <ol style="list-style-type: none"> 1. Cast-metal/alloy base with five tile castors 2. Two way adjustable lumbar support 3. Integral Gas cylinder for height adjustment 4. Height range between 400 - 700 mm <p>Assistant's stool</p> <ol style="list-style-type: none"> 1. Cast-metal/alloy base with five tile castors 2. Height adjustable torso support with height adjustable foot ring 3. Integral Gas cylinder for height adjustment 4. Height range between 500 - 800 mm <p>Compressor: A suitable Medical grade oil Free Compressor, which should be Noise less, and Minimum of 1HP, with Retraction Valve and Pressure quage.</p> <p>Certification</p> <ol style="list-style-type: none"> 1. US -FDA/ CE - European approved 2. ISO approved 3. Manufacturer should have ISO certification for quality standards 4. Electrical safety conforms to standards for electrical 	

Tender Inquiry No.	Name of the Items required to be purchased	Specifications Required for the Item to be purchased	Exact details of the product Quoted by the Bidder
		<p>safety IEC 60601-1 (OR EQUIVALENT international/national standard) General requirement for Electrical safety of Medical Equipment.</p> <p>System Configuration Accessories, spares and consumables</p> <ol style="list-style-type: none"> 1. System as specified on turn key basis 2. All consumables required for installation and standardization of system to be given free of cost. 3. Provision for modular furniture with sink for dental operator 12 feet x 12 feet should be included in quote. 4. Necessary cables and all other accessories those are required for the smooth functioning of the system to be supplied. <p>Documentation</p> <ol style="list-style-type: none"> 1. User/Technical/Maintenance manuals to be supplied in English 2. Certificate of calibration and inspection. 3. List of important spare parts and accessories with their part number and costing 4. List of Equipment available for providing calibration and routine Preventive Maintenance Support. As per manufacturer documentation in service/technical manual. 5. 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. <p>Turnkey: The supplier or his representative shall inspect the site before bidding. The turnkey price should be quoted separately.</p> <ol style="list-style-type: none"> 1. All the necessary civil /electrical /Plumbing other changes required for the effective functioning of the Dental Chair would be done by the supplier. 2. Interior furnishing with the requisite furniture, storage, cupboards, etc. for the Operatory area Size of 12 X 12 per dental Chair. Will also form an essential component of this turnkey project. 3. 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. 4. The fixtures should include modular work station with a size of 6 x 2.5 ft. with acid and fire resistant 	

Tender Inquiry No.	Name of the Items required to be purchased	Specifications Required for the Item to be purchased	Exact details of the product Quoted by the Bidder
		table top, high quality wash basin	
2.	Table Top Autoclave	<ol style="list-style-type: none"> 1. Sterilizer Type: Table Top Sterilizer. 2. Capacity: minimum 18 liters 3. Chamber Size: The sterilizer should have Rectangular/Cylindrical chamber with suiting the volume for 4. Maximum processing capacity per charge. 5. Quality System Compliance: Sterilizer should comply the quality systems as per ISO 9001:2000, EN ISO 6. 13485:2003, and ISO 14001:2004. 7. Quality Assurance: Sterilizer should be CE or FDA or BIS Certified 8. Types of Cycles Process: Table Top Sterilizers should be equipped with B- process as per latest 9. International standards 10. Chamber: <ul style="list-style-type: none"> • Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) & EN 13445 norms or equivalent • Chamber should have minimum 5 years warranty or should confirm 44- 50,000 process minimum life. _ • Chamber should have working pressure 2.2 bar & design pressure upto 3.8 bar. • Chamber should have Stress & Fatigue analysis reports for material & construction of the pressure vessel. • Chamber should be equipped with electrically heated jacket for preheating on stand by mode. . 11. Design: Should have horizontal sliding/Hinged door with silicon elastomer rubber gasket to withstand temperature upto 140°C. 12. Air Filter: An disposable air filter should be provided for filtering the atmospheric air before entering inside the chamber.nThe filter separation efficiency should be higher than 99.998% for particle size less than 0.3µm. 13. Cycle programs: <ul style="list-style-type: none"> • 134°C Wrapped & Unwrapped • 121°C Wrapped & Unwrapped • 134°C Flash/Rapid open instrument cycle. • 134°C Textile. • 134°C Prion. 	

Tender Inquiry No.	Name of the Items required to be purchased	Specifications Required for the Item to be purchased	Exact details of the product Quoted by the Bidder
		<ul style="list-style-type: none"> • Test programs : Bowie & Dick, Leak Test, Helix Test <p>14. Water Storage Tank: Sterilizer should have inbuilt water reservoir with storage capacity up to 5 Litres. The water reservoir should have easy access for cleaning & to avoid bio film.</p> <p>15. Steam Generator: 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.</p> <p>16. Control Panel: 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.</p> <p>17. Alarms: 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.</p> <p>18. Accessories: The sterilizer unit should included Rack with 3 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.</p> <p>19. Standards & Norms: The sterilizer should must comply the following standards, ISO 9001:2000 (Quality Systems), ISO 13485:2003 (Quality Systems for Medical Devices), ISO 14001 (Environment Management System), .The product should be FDA/CE/BIS/ISI approved.</p> <p>Electrical Requirements: 230V, 50 Hz.</p>	
3.	Dental Digital Radiography System with X Ray Unit	<p>1. Description of Function</p> <p>a. RVG is used for digital dental x-rays which can be instantly viewed and evaluated with minimal radiation exposure</p> <p>2. Operational Requirements</p> <p>a. High resolution RVG based on CCD/CMOS</p>	

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		<p>technology</p> <p>3. Technical Specifications</p> <ul style="list-style-type: none"> a. Min. 90% reduction in patient radiation as compared to analogue X-ray film b. Thickness of the sensor should be less than or equal to 5 mm c. Spatial resolution approx. 25 line pairs/mm d. Cable length for the sensor should be a minimum of 2.5 meters. e. Dynamic range (accurate measurement of bone density), should be more than or equal to 14 bit mage acquisition f. Computer with LCD color monitor minimum 20 inch screen, minimum i3 processor, DVD-RW, 500 GB HDD, 4 GB RAM, Allin- 4 LaserJet printer and an UPS (1 KVA). g. Intra oral X-ray unit should be based on DC current, tube voltage, selection: 60-65-70 kVp, tube current 6 mA/ 8 mA, focal spot 0.8 x 0.8 mm, total filtration > 2 mm Al, minimum range of exposure time range – 0.02 to 3.2 secs, manufactured with international Safety standards for radiation leakage, electronic selection of exposure time/radiation according to tooth number. It should be possible to select exposure time manually and with option for wall mount/ mobile stand. h. Should have positioning devices <ul style="list-style-type: none"> i. Bitewing ii. Periapical iii. Endodontic i. Should have at least 10,000 numbers of disposable plastic sheaths for the placement of sensors in the patient's mouth <p>4. System Configuration Accessories, spares and consumables</p> <ul style="list-style-type: none"> a. X-ray unit should be supplied with lead free apron. b. Additional sensor with Minimum active area - 800 mm area <p>5. Power Supply</p> <ul style="list-style-type: none"> a. Power input to be 220-240VAC, 50Hz fitted with Indian plug b. Servo Voltage stabilizer of appropriate ratings meeting ISI Specifications.(Input 160-260 V and output 220-240 V and 50 Hz) <p>6. Standards, Safety and Training</p> <ul style="list-style-type: none"> a. Should be FDA/ CE approved product b. Should Be AERB Type Approved 	

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		<ul style="list-style-type: none"> c. Manufacturer/ Supplier should have ISO certification for quality standards. d. Electrical safety for dental x-ray unit conforms to standards for electrical safety IEC-60601 / IS-13450 <p>7. Documentation</p> <ul style="list-style-type: none"> a. User/Technical/Maintenance manuals to be supplied in English. b. List of important spare parts and accessories with their part number and costing c. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The jobdescription of the hospital technician and company service engineer should be clearly spelt out. 	
4.	Surgical micromoter	<p>A surgical Micromotor with the following Parts</p> <ul style="list-style-type: none"> ▪ Micromotor controlbox with Speed adjustments from 0 to 40,000 rpm ▪ Foot control ▪ Should be able to change the direction of rotation of the motor during surgery ▪ EN CE approved and ISO certified, Brushless Micromotor. With standerdised coupling ▪ Surgical Micromotor Straight Handpiece – 1 handpiece • Autoclavable • Cleaning Spray 	
5.	Dental Extraction Forceps	<ul style="list-style-type: none"> • Forceps should have precise, anatomically designed beaks for a sure, effective grip. • Forceps should have optimum rockwell hardness for unmatched tensile strength. • Forceps should have maximum (lifetime) warranty against defects in material and workmanship • Full Set of Forceps for extractions of all the teeth including the impacted tooth. • The Forceps should be US FDA/ European CE approved 	
6.	Dental Elevators	<ul style="list-style-type: none"> • Should be US FDA/ European CE Approved • Should be crafted from Immunity Steel and heat treated to provide optimal sharpness and durability • Full Set of Dental Elevators for extractions of all the teeth including the impacted tooth 	
7.	LED Light Cure Unit	<ul style="list-style-type: none"> • Cordless • Should include one curing light handpiece, charger, 10mm light guide, eye shield and three curing discs. • Fan-free for silent operation • Multiple-setting light timer with easy, push-button control offers preset cure times of 5, 10, 15 and 20 seconds, a 	

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		continuous 120-second mode, and tack-cure mode. <ul style="list-style-type: none"> • Emits the light for curing the dental restoratives. • Light source: Ultra high-intensity light emitting diode (LED). 390 – 510 nm Wave Length . Min 800 mW/Cm² • Autoclavable Fibre Glass Light Guide • Must have no heat build-up on teeth and main unit. • Light shall be instant-on, no wait, no warm-up time • Must be USFDA, CE (93/42 EEC Directives), 			
8.	Endomoter	<ul style="list-style-type: none"> • Should be US FDA/ European CE Approved • Should quote with Endomoter handpiece also. 			
9.	General Dental Instruments	Instrument	Specefication	Quantity	
		Mouth Mirrors	Medical Grade Stainless, Autoclavable. Anti Fog Mirrors	100	
		Probes	Medical Grade Stainless, Autoclavable.	100	
		Explorers	Medical Grade Stainless, Autoclavable.	100	
		Tweezers	Medical Grade Stainless, Autoclavable.	100	
		Instrument trays	Medical Grade Stainless, Autoclavable.	4	
		Cheatel forceps	Medical Grade Stainless, Autoclavable.	10	
		Kidney trays	Medical Grade Stainless, Autoclavable. 500 ml each	25	
		Scalpel Handles	Bard Parker style with metric rule (No 03)	20	
		Periosteal elevators	Molt No 9	25	
		Periosteal elevators	Howarths elevator	10	
		Restorative Filling and carving Instruments Set	Medical Grade Stainless, Autoclavable	2 sets	
		Composite Filling Instruments	1. Full Set of instruments. Both anterior and Posterior Restoration. 2. Products should include a wide range of spatulas ideally tailored for the purpose. 3. Polished, corrosion-resistant stainless steel tips prevent the adhesion of filling material so the treating professional can place it exactly where it belongs. 4. Should not cause corrosion or felting of the filling material 5. Should Be EN CE Approved	2 sets	
		Shade guide for porcelain and Composite		1	
		Cement Spatula		5	

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		Agate Spatula		5	
		Matrix Band and retainer	Universal type and toffelmere Type Full Set all Sizes	1	
		Mean value Articulator	Three Point Articulator	2	
		Dental Impression Trays	Both Perforated and Nonpeforated	2 sets	
		Rubber Bowls	Medium Size	10	
		Plaster Spatula	Straight and Curved	10 each	
		Wax Spatula		10	
		Wax Knife		5	
		Lacreons Carver		10	
		Plaster Knife		5	
		Crown Preperation Kit	Daimond cutting points used for Crown preperation	2 Sets	
		Crown Remover		1	
		Scissors	<ul style="list-style-type: none"> Suture Cutting Goldman-Fox Straight 	5 Each	
		Needle Holders	<ul style="list-style-type: none"> Mayo-Hegar 6'' HMT Thin Jaw 5'' 	5 Each	
		Adson forceps	i. Adson Plain ii. Adson Toothed	5 Each	
		Stainless Steel Bowls	Made of medical grade 18:8 Stainless Steel corrosion resistant Can be Autoclavable.	10	
		Bone file	<ul style="list-style-type: none"> Cross-Cut file with Curved working end combined with a straight working end Cross-Cut file with Small paddle shaped end is half the size of the larger paddle shaped end. 	10	
		Bone Curette	<ul style="list-style-type: none"> Lucas Double ended Spoon Shaped 	5	
		Bone Ronger	1. End-cutting 2. Side-Cutting 3. Boehler Double Action	2 each	
		Sponge holder		5	
		Artery forceps	8 ½ inches Stainless Steel	10	
		Mortar And Pestel	For Dental Amalgam	3	
10.	Amalgamator				

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.