

TENDER NOTICE (2nd CALL)

“Orthopedics Instruments”

AIIMS, Raipur, Tatibandh, Raipur,

Date: 30 Dec 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 Orthopedics Instruments for AIIMS Raipur.

Schedule	Equipment	Quantity Required	EMD in INR
A	Orthopedics Instruments	Actual as mentioned in the Specifications	27,000
B	Image Intensifier	01	42,000
C	Electrical Drill System	02	12,000
D	Pneumatic Automatic Tourniquets	02	6,000
E	Pulse Lavage System	02	6,000

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 Orthopedics Instruments”** and should reach at the office of **“The Administrative Officer, AIIMS, Tatibandh Raipur (CG) - 492099,** by or before on 03.00 PM on **20-01-2014.** 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.

Key Dates : Single Submission MultiOpening With Prequalification		
Seq No	DME Stage	Start Date & Time
1	Tender Preparation and Release of NIT	30-12-2013
2	Pre bid Meeting	10-01-2014 11:00 AM
3	Close for Bidding – Submission of Tender	20-01-2014 15:00 PM

The tender document containing technical bid form, financial bid form, technical description/specification & tem and terms & conditions can be downloaded rom website www.aiimsraipur.edu.in. Demand Draft/Pay Order for Rs.5000.00 (Rupees Five thousand 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 Orthopedics Instruments of Schedule-A of Rs. 27,000/- (Rupees Twenty Seven Only), Schedule-B of Rs 42,000/- (Rupees Forty two Thousand Only), Schedule – C of Rs 12,000 (Rupees Twelve Thousand Only), Schedule –D of Rs 6,000 (Rupees Six Thousand Only) and Schedule –E of Rs 6,000 (Rupees Six Thousand Only)** of tender documents should be paid by FDR/DD/BG 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
“Orthopedics Instruments”
 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 50 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. 5000/- (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/BG
3. Terms & Conditions (each page must be signed and sealed)
4. Financial Bid

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:

Address :

**“Orthopedics Instruments”
AIIMS, Raipur
FINANCIAL BID - SCHEDULE A**

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

S. No.	Item Description	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		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment													
	Accessories													
	AMC/CMC Total for Five Years (Details is to be mentioned in next Table)													
		Grand Total*												

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

**“Orthopedics Instruments”
AIIMS, Raipur
FINANCIAL BID – SCHEDULE B**

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

S. No.	Item Description	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		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment													
	Accessories													
	AMC/CMC Total for Five Years (Details is to be mentioned in next Table)													
		Grand Total*												

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

**“Orthopedics Instruments”
AIIMS, Raipur
FINANCIAL BID - SCHEDULE C**

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

S. No.	Item Description	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		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment													
	Accessories													
	AMC/CMC Total for Five Years (Details is to be mentioned in next Table)													
		Grand Total*												

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

**“Orthopedics Instruments”
AIIMS, Raipur
FINANCIAL BID – SCHEDULE D**

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

S. No.	Item Description	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		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment													
	Accessories													
	AMC/CMC Total for Five Years (Details is to be mentioned in next Table)													
		Grand Total*												

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

**“Orthopedics Instruments”
AIIMS, Raipur
FINANCIAL BID - SCHEDULE E**

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

S. No.	Item Description	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		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment													
	Accessories													
	AMC/CMC Total for Five Years (Details is to be mentioned in next Table)													
		Grand Total*												

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

**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 Lacs, 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 Lacs, 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 Orthopedics 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:

“Orthopedics Instruments”

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 5000/- (Rupees Five thousand only) in favour of “AIIMS, Raipur”, payable at Raipur, not later the date of 20-01-2014, 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 “Financial Bid Schedule A”, sealed Cover-III “Financial Bid Schedule B”, sealed Cover-IV “Financial Bid Schedule C”, sealed Cover-V “Financial Bid Schedule D”, sealed Cover-VI “Financial Bid Schedule E” respectively should be placed in a separate sealed covers super scribed “Tender for Purchase of “Orthopedics Instruments” should reach AIIMS, Raipur by or before 03.00 PM on 20-01-2014. 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 01.10.2013 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 filed 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. 27,000 for Schedule-A, Rs 42,000 for Schedule-B, Rs 12,000 for Schedule – C, Rs 6,000 for Schedule –D and Rs 6,000 for Schedule –E as Bid Security (EMD) along with the Technical Bid in the form of FDR/DD/BG 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, and 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. The tenderer can quote for either/all of the schedules mentioned in the bid. However the tenderer should quote for all the equipment in the particular schedule. If the tenderer is quoting both the Schedules it has to include separate financial bid for each schedule in a separate envelope labeled with the respective schedule on the envelope. If all the equipment in the schedule is not quoted that bid will be out rightly rejected

5. 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 Equipment costing upto Rs.5.00 Lacs and C.M.C. (include free labour, repair, other services & spare parts) shall be quoted for Equipment costing above Rs.5.00 Lacs. So the price of AMC / CMC should be quoted according to the cost of equipment. The amount of AMC/ CMC would be released to the supplier on successful completion of the maintainence of that particular year duly certified by the user department.
6. The supplier shall submit a notarized 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/Organization/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.,
7. 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.
8. 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.
9. 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.
10. 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.

11. 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.
12. 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.
13. 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.
14. 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.

15. The Tenderers should furnish 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
16. 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
17. In case asked, tenderer must personally supply a sample/give the demonstration of the Equipment/Instruments to the competent authority of the institute and in that case all the expenses will be borne by the supplier.
18. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender filing, 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 filing which tender may be ignored.
19. Any failure or omission to carry out 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.
20. 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.
21. 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.

22. 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.
23. 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
24. 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

SCHEDULE A**Orthopaedic instruments for operation theatre****SPECIFICATION OF ORTHOPAEDIC SURGERY
INSTRUMENT SET**

1. The instruments quoted should be of high quality and standard.
2. The Instruments should be imported and of CE
3. Copy of the CE certificate
4. The instruments must be ISO certified and copy to be enclosed
5. Sterilisation Container should be quoted alongwith Instrument set.
6. Sterilisation Container and Instruments should be of the same parent company.
7. The instruments should remain sterile in the container and the container should be capable of being brought into the Operation Room without any essential packaging.
8. It should also consist of tray and silicon matt (for microinstruments).

I.	<u>Basic Instruments</u>	Quantity
1	Lane Screw Driver	1
2	Hexagonal screw Driver with self holding sleeve 2.5mm tip	1
3	Small Hexagonal Screw Driver 2.5mm tip	1
4	Hexagonal screw Driver with T handle 3.5mm tip	1
5	Hexagonal screw driver with sleeve 2.5mm tip	1
6	Hexagonal screw Driver with self holding sleeve 3.5mm tip	1
7	Large hexagonal screw driver 3.5mm tip	1
8	Hexagonal screw driver with fiber handle, Box joint type 3.5 mm tip	1
9	Screw driver shaft G C end 2.5mm	1
10	Small plate bender (pair)	1
11	Plate bending plier (roller type)	1

12	Plate bending press	1
13	Screw driver shaft G C end 3.5mm tip	1
14	Large plate bender(pair)	1
15	Plate bender for reconstruction plates	1
16	Small depth gauge	1
17	Large depth gauge	1
18	Large neutral and loaded drill guide	1
19	Counter sink with T - handle with 5.0mm head	1
20	Counter sink with T - handle with 8.0mm head	1
21	Small neutral and loaded drill guide	1
22	DCP Drill guide for 2.7mm screws	1
23	Counter sink with T handle -6 mm head	1
24	Counter sink with G C End-5mm head	1
25	Counter sink with G C End-6mm head	1
26	Quick coupler handle T-Type	1
27	Quick coupler adapter for drill bits	1
28	Tap sleeve -3.5mm	1
29	Counter sink G C End 8.0mm head	1
30	Quick Coupling handle (fiber)	1
31	Quick coupling tap handle-Long T Type	1
32	Tap sleeve -4.5mm	1
33	Double drill sleeve 1.5/1.1mm	1
34	Double drill sleeve 2.7/2.0mm	1
35	Drill and tap sleeve combined-2.5mm-3.5mm	1
36	Insert drill sleeve 2.5mm	1
37	Double Drill sleeve 2.0mm-1.5mm	1
38	Drill and tap sleeve combined-2.5mm-3.5mm	1
39	Drill and tap sleeve combined-3.2mm-6.5mm	1
40	Insert drill sleeve 3.2 mm	1
41	Pointed drill guide with 4.5mm tap sleeve & 3.2 mm drill sleeve	1
42	Screw removal forceps	1
43	Conical extraction reamer for broken IL Nails	1
44	Screw holding forceps	1
45	hollow mill	1
46	Conical extraction screws for damaged hexagonal head screws- 3.5mm/4.5mm	5

47	Bending plier for plate 2.4mm to 4.0mm	1
II	BONE Drill and wire instruments	
1	Universal bone drill with SS Gears	6
2	Wire twister circular	1
3	Wire tightener cum twister	1
4	Micro hand Drill with SS Gears	1
5	Micro open hand Drill with SS Gears	1
6	Wire tightener with two pegs	2
7	Guide wire introducer with four pegs	2
8	K wire bender	2
9	wire passer small/Large	2 each
10	Plier cum wire bender cum cutter-6"	6
11	Wire tractor	2
12	Wire passer medium	6
13	Plier cum wire bender	6
14	Plier cum wire bender cum cutter -9"	2
15	Plier cum wire bender cum cutter -11"	2
16	Flat nose plier	4
17	Spare SS Chuck and key	2
18	Wire cutter -Double action length -250mm	2
19	Steinmann pin introducer with SS Chuck and key	2
20	Steinmann pin holder	6
21	Bone awl with eye	2
22	Bone tunnel borer	6
23	Reamer perthes 18.5cm	2
24	Tunnel borer with counter sink	2
25	Long forceps for twisting wire	4
26	Surface wire cutter light, heavy	1 each
III	BONE HOLDING INSTRUMENTS	
1	Reduction forceps serrated	1
2.	Holding Foreceps for Circlage Wire	1 pair each
3	Self Centering Bone Holding Foreceps(small ,medium and large)	4
4.	Reduction Foreceps- Serrated – Speed Lock	4
5.	Reduction Foreceps- Pointed – Speed Lock	2
6.	Circlage Wire Tightner	4

7.	Reduction Forceps- Serrated – Ratchet Lock	4
8.	Reduction Forceps- Pointed – Ratchet Lock	2
9.	Patella Bone Holding Forceps – Three Prong	2
10.	Patella Bone Holding Forceps – Four Prong	2
11.	Pelvic Reduction Forceps, Oblique, Small Length – 240mm, with Pointed Ball Tips, Speed Lock	2
12.	Pelvic Reduction Forceps, Small for Screws Length – 200mm, use with 3.5mm and 4.5mm Cortical Screws	2
13.	Pelvic Reduction Forceps, Large for Screws Length – 330mm, Speed Lock fixation with 4.5mm Cortical Screws	2
14.	Pelvic Reduction Forceps, Oblique, Small Length – 190mm, with Pointed Ball Tips, Speed Lock	2
15.	Pelvic Reduction Forceps, Length – 400mm, with Pointed Ball Tips, Speed Lock	2
16.	Pelvic Reduction Forceps, Medium for Screws Length – 250mm, use with 3.5mm and 4.5mm Cortical Screws	2
17.	Pelvic Reduction Forceps with Angled Pointed Ball Tips, Length – 250mm, Speed Lock	2
18.	Pelvic Reduction Forceps, long, with Pointed Ball Tips, Length – 400mm, Speed Lock	2
19.	Fibula Holding Forceps, Straight – 210mm	2
20.	Holding Forceps for Tibial Edge Fragment– 210mm	2
21.	Self Centering Bone Holding Forceps - Soft lock	2
22.	Pelvic Reduction Forceps, long, with three Pointed Ball Tips, Length – 400mm, Speed Lock	2
23.	Fibula Holding Forceps, Curved – 210mm	2
24.	Malleolar Forceps– 210mm	2
25.	Reduction Forceps, Serrated Jaw- Softlock	2
26.	Reduction Forceps, with Points- Softlock	2
27.	Lane Bone Holding Forceps with Ratchet	2
28.	Burns Bone Holding Forceps	2
29.	Lowman Bone Clamp – For Forearms (Extra Small)	2
30.	Bone And Plate Holding Forceps	2
31.	Lane Bone Holding Forceps without Ratchet	6
32.	Lowman bone clamp , small medium and Large 2 each	6
IV	Bone cutting instruments	
1.	Doyen's rib shearer	6
2.	bone cutting forceps - curved (Double Action) small , medium, large	12
3.	Bone nibbler- (small, medium, large,) straight and curved	2
4.	Tuder Edward Bone Cutting Forceps	2
5.	Bone Nibbler-Angular (Double Action)	2

6.	Ampulation Saw	2
7.	Ampulation Saw-Fiber Handle	2
8.	Bone file-Half Round- Pointed	2 each
9.	Chisels with fiber handle(5mm, 10mm)	2 each
10.	osteotome with fibre handle-Curved and straight (5mm, 10mm)	1800
11.	Finger Saw	2
12.	Bone file- Flat	2 each
13.	Osteotome with Fibre Hamdle -Straight 5mm,10mm	2 each
14.	Gouge with Fibre Handle -Curved 5mm,10mm	2 each
15.	Bruns Bone Curette with Fibre Handle 5mm,10mm	4
16.	Bone Curette-Double Ended	
V	Bone Hammers S.S	
1.	Bone Hammer -100 gms	1
2.	Bone Hammer -350 gms	1
3.	Bone Hammer -700 gms	1
4.	Bone Hammer -200 gms	1
5.	Bone Hammer -500 gms	1
VI	HOOKS, LEVERS & RETRACTORS	
1.	Bone Hook-Small	1
2.	Bone Hook-Large	2
3.	Skin Hook-Two Pronged	2
4.	Sharp Hook	1
5.	Bone Hook - Medium	2
6.	Skin Hook-Single Pronged	2
7.	SKinHook- Three Pronged	2
8.	Lane's Bone Lever- Serrated	2
9.	Lane's Bone Lever- Plain-Small	2
10.	Bristow's Retractor	2
11.	Lagenback Retractor- Medium	2
12.	Voikman's Retractor-Two Prong	2
13.	Lane's Bone Lever-plain-large	2
14.	Lagenback Rectractor- Small	2
15.	Lagenback Retractor – Large	2
16.	Volkman's Retractor -Three Prong	2
17.	Volkman's Retractor - Four Prong	4
18.	Right Angle Retractor	1

19.	Initial incision Retractor with Weight* Chain	2
20.	Homann Retractor summ Wide, Short Narrow Point, 160mm length	2
21.	Volkman's Retractor- Five Prong	2
22.	Double Hook Retractor	2
23.	Hohmann Retractor 6mm Wide, Short Narrow Point, 160mm Length	2
24.	Hohmann Refractor, I5 mmWide, 160mm Length	2
25.	Hohmann Retractor 8mm Wide, Short Narrow Tip, 220mrn Length	2
26.	Hohmann Retractor 18mm Wide, Long Narrow Tip, 235mm Length	2
27.	Hohmann Retractor 24mm Wide, With Tip, 270mrn Length	2
28.	Hohmann Retractor 70mm Wide, Narrow Tip, 240mm Length	2
29.	Hohmann Retractor 18mm Wide, short Narrow Tip, 235mm Length	2
30.	Hohmann. Retractor 22mm 'Wide, with Wide Tip, 250mm Length	2
31.	Hohmann Retractor 43mm Wide, Narrow Tip. 240mm Length	2
32.	Self Retaining Retractor - Small- 200mm Long	2
33.	Self Retractor -Medium 250mm Long	2
34.	Self Retaining Retractor - Extra Large - 350mm Long	2
35.	Gelpi Retactor - Medium - 245mm	4
36.	Periosteal Elevator-Straight	2
37.	Self Retaining Retractor-Large-300mm Long	2
38.	Geipi Retractor-Small- 175mm	2
39.	Geipi Retractor-Large-315mm	2
40.	Periosteal Elevator- Curved	1
41.	Square retractor for Minimally invasive THR	1
42.	Femoral Head elevator blade single prong L &R	1
43.	Femoral Head elevator double prong broad	1
44.	Femoral Head elevator double prong narrow	1
45.	Multipurpose retractor with 16 detachable blades	1
46.	Femoral Distractor	1
VII	INSTRUMENTS FOR KUNTSCHER NAILS	
1.	Bone Spreader	1
2.	K. Nail Setting Device	1
3.	K. Nai! Measuring Gauge	2
4.	Guide Wire for K. Nail	1
5.	K Nail Driver	2
6.	K, Nail Extractor With Two Hooks	1
7.	Diamond Pointed Awl	1 each

8.	K. Nail Reamer 7mm,8mm,9mm,10mm,11mm,12mm,13mm	2 each
9.	Spare Hooks For K, Nail Extractor	1
10.	Slide hammer for K. Nail Extractor Set	1
VIII	Instruments for Forearm nailing	
1.	Locking Plier – Large	1
2.	Impactor for Square Nail	1
3.	Square Nail Extractor Hook	1
4.	Extractors Rod with Hammer for Locking Pier	1 each
5.	Square Nail Reamer 2mm,2.5mm,3mm,3.5mm,4.0mm	1 each
IX	INSTRUMENTS FOR HIP PROSTHESIS	
1.	Rasp for Austin Moore-Standard Stem	1
2.	Rasp for Austin Moore -Broad Stem	1
3.	Rasp For Thompson - Standard Stem	1
4.	Murphy Lane Bone Skid	1
5.	Rasp for Austin Moore -Narrow Stem	1
6.	Rasp for Austin Moore - Extra Long Stem	1
7.	Rasp For Thompson - Narrow Stem	1
8.	Moore Hollow Chisel	1
9.	Moore Hollow Chisel with Fibre Handle - Standard	1
10.	Judet Auger Extractor	1
11.	Impactor- Nylon Faced	1
12.	Extractor with Two Hooks	1
13.	Moore Hollow Chisel with Fibre Handle - Extra Large	1
14.	Measuring Gauge for Prosthesis	1
15.	Impactor - nylon Faced, Large Tip	1
16.	Spare Hook For Extractor	1
17.	Rasp with Tommy Bar for Bipolar Prosthesis	1
18.	Pencil Reamer - For Bipolar Prosthesis	1
19.	Tapered Reamer -For Bipolar Prosthesis	1
20.	Slotted Reamer -For Bipolar Prosthesis	1
21.	Bipolar Trial Stem S.S	1
22.	Trial Cup	1
23.	Trial Cup Holder	1
24.	Impactor - For Bipolar Prosthesis	1
25.	Hook for Extraction of Bipolar Stem	1
26.	Charnley's TH cup holder with pusher	1

27.	Charnley slotted reamer	1
28.	Charnley tapered reamer	1
29.	Charnley's retractor with weight and chain	1
30.	Charnley's pin retractor	3
31.	Charnley's cup gauge	1
32.	Charnley's Long curette-spoon, ring	1 each
33.	Acetabular reamer-43,45,47,49,51,53,55,57,59 with shaft	1 each
34.	Femoral rasp five sizes	1 each
X	INSTRUMENTS FOR PLASTER CUTTING	
1.	Plaster Saw Heavy Handle	1
2.	Plaster Saw Bergman	1
3.	Plaster Shear- Seller's	1
4.	Plaster shear -Gay's	1
5.	Plaster Bender	1
6.	Plaster Saw Angle	1
7.	Plaster Spreader	1
8.	Plaster Shear - Stille's	5
9.	Bandage Cutting Scissor	1
10.	Plaster Opener - Daw's	
XI	INSTRUMENTS FOR STAPLES	
1.	Sterling Tubes for Stertization of Wires, Nails, Fins & Drill Bits	1
2.	Coventry Staple Inserter	1
3.	Coventry Staple Extractor	1
4.	U Staple Starter	1
5.	Coventary Staple Impactor	1
6.	U Staple Inserter	1
7.	U Staple Extractor	1
XII	SMALL CANNULATED INSTRUMENT	
1.	Cannulated Drill Bit 3.5mm/1.35mm, Length 130mm Plain Shank	1
2.	Cannuiated Tap 4.0mrn G.C,	1
3.	Drill Guide with stop 3.5mm/2.7mm with two inserts	1
4.	Cannulated Drill bit 2.7mrn/ 1.35mm, Length 130mm Piain Shank	1
5.	Cannuiated Counter Sink G.C. 5.0mm	1
6.	Double Drill Sleeve 2.7/1.25mm	1
7.	Cannuiated Hexagonal Screw Driver - 2.5mm Tip	1
8.	Direct Measuring Device-S.S	1

9.	Holding Clip	1
10.	Drill and tap Sleeve Combined 2.5/3.5mm	1
11.	Cannulated Drill Bit 3.5/135mm Length 160mm Q.C. End	1
12.	Stylet 1,25mm	1
13.	Cannulated Quick Coupling Tap Handle with Fiber Handle	1
14.	Cannulaied Drill Bit 2.7/135mm Length 160mm Q.C. Emd	1
15.	Cannulated Tap 4.0mm with T- Handle	5 each
XIII	DRILL BITS (Plain)	
1.	1.5mm/2.,2mm/2.5mm/3.2mm/3.5mm/4.5m up to 5 inch length	5 each
2.	Above 5 Inch length	5 each
XIV	DRILL BITS (Quick Coupling End	
1.	1.5mm/2.,2mm/2.5mm/3.2mm/3.5mm/4.5m up to 5 inch length	5 each
2.	1.5mm/2.,2mm/2.5mm/3.2mm/3.5mm/4.5m up to 5 inch length	4 each
XV	INTERLOCKING DRILL BITS (PLAIN & QUICK COUPLING	
1.	DRILL BIT (CANNULATED DRILL BIT PLAIN) in 3.2m & 4.0m	4 each
2.	DRILL BIT (CANNULATED DRILL BIT (QUICK COUPLING END) in all size	4 each
3.	BONE TAP (T. HANDLE & QUIICK COUPLING END) in all size	4 each
4.	BONE TAP CANNULATED in all size	4 each
XVI	SCREW DRIVER	
1	in 4.5mm/3.5mm	1 each
XVII	BOX SPANNER	
1.	Screw Cannulated 3.5m/4.5mm	1
2.	Box Spanner 8mm/11 mm handle, Length 5"	1
3.	Cannuiated Box Spanner 8/11 mm	2
XVIII	Humerus interlocking Instruments	
1.	Humerus Interlocking jig with drill sleeve	1
2.	Humerus awl	1
3.	Nail adapter with tommy bar	1
4.	Nail impactor	1
5.	Nail impactor extractor bar with hammer	1
6.	Drill bit 2mmX200mm	1
7.	Depth Gauge	1
8.	Screw driver for 2.9mm locking bolt	1
9.	Box spanner	1

SCHEDULE B

Image Intensifier:

C-ARM SYSTEM

Brief description- C-ARM with LCD panel & with 1K X 1K CCD Camera and 9" Image Intensifier.

- The unit should be based on digital technology
- Reliable and easy to use.
- The movements of the c-arm should be smooth having very simple positioning.

X-RAY GENERATOR:

- ✓ *High Frequency (40 KHz) X-Ray Generator with power output 6KW should be provided.*
- ✓ *Following modes should be provided:*
 - Radiography
 - Fluoroscopy: continuous, single pulse, multi pulse
- ✓ *KV Range (Rad./Fluoro): 40 to 120KV.*
- ✓ *Radiographic mA Range: more than 80mA*
- ✓ *Fluoroscopy mA output: Up to 8mA or more (Continuous mode)
: Up to 10mA or more (Pulse mode)*
- ✓ *mAs output: Up to 200mAs*

X-RAY TUBE:

- ✓ *Dual focus Rotating Anode X-Ray Tube of focal spot 0.3mm² (small) & 0.6mm² (large) to be provided.*
- ✓ *Anode heat storage capacity should be more than 250KHU.*
- ✓ *Motorized Collimator should be provided.*

LCD CONTROL PANEL:

- Multiparameter LCD Display
- APR (Anatomical Programming).
- Technique selection: Fluoro & Rad. Mode Selection.
- An inbuilt Radiographic Timer enables to select upto 200mAs in steps for Radiography should be provided.
- Fluoroscopy timer: 5 minutes cumulative Timer with Buzzer should be provided.
- Thermal Safety cut off should be provided
- Self Diagnostic: following error indication display should be shown on LCD display in character form
 - KV interlock
 - Filament interlock
 - Thermal interlock
- ✓ Automatic brightness control should be provided to operate the machine in automatic mode for hands free operation.

STAND:

- ✓ Motorized Up/Down movement (Noise free Actuator movement): A least 400mm
- ✓ Horizontal Movement: 200 mm.
- ✓ Arc Orbital: 90° + 30° (120°)
- ✓ Wig wag: ± 12.5° (25°)
- ✓ Rotation: ± 180°
- ✓ Free Space: 700mm or more

- ✓ Focus Screen Distance: 900mm or more
- ✓ Arc Depth: 55cm or more
- ✓ Locks: Locks for all the movements.
- ✓ Foot lock: Control Stand foot lock.

IMAGE INTENSIFIER TV SYSTEM:

- ✓ 9 Inches, Triple Field Image Intensifier should be provided.
- ✓ CCD Camera with a progressive scan sensor of 2/3" of 1K x1K Medical Grade
- ✓ The acquisition should be made at 14 bits.
- ✓ Resolution to use the full dynamic range of CCD Camera.
- ✓ **MEMORY SYSTEM:**
PC based memory system with the following features should be provided:-
 - Image processing software with Real time image capturing, storage, and display in 1kX1k format
 - Boosted Fluoroscopy (CINE) upto 30 FPS with real time recording on Hard Disk Drive.
 - More than 1000 image storage capacity in 1kX1K format
 - Dicom 3.0 Ready
 - Dicom CD/DVD
 - Connectivity with PACS and HIS
 - Length and angle Measurements with Annotation
 - Pre Programming for Image setting for different operating Modes.
 - Image Flipping and Image rotation
 - WW/WL adjustments
 - Recursive Filters for image smoothening
 - Programmable Motion Detection facility
 - Gamma Curve adjustments for optimum image quality.
 - Image Zoom with Pan
 - Image Inversion

MONITORS AND TROLLEY:

- ✓ 2 Nos. 17"LCD high resolution monitors along with a trolley should have following preferable features:
 - Foldable monitors.
- ✓ Actuator assisted up/down movement of monitors to facilitate viewing of images at most convenient eye level positions
- ✓ Specially designed integrated keyboard having feather touch keys and touch pad is provided instead of double unit keyboard and mouse
- ✓ 5 inch wheels for better mobility with kick stop provision in two wheels for parking stability.

POWER SUPPLY REQUIREMENT:

- ✓ Single Phase, 230 Volts, AC, 15 Amps, 50 Hz, $\pm 10\%$ Regulation. Independent earthing required on the wall socket in the Room.
- ✓ Voltage Stabilizer of suitable rating should be provided.

Other Requirements:

The company should be **ISO 9001:2008, ISO 13485:2003 and CE Certified.**

- ✓ The unit should be approved by AERB.
- ✓ The company should have a local Service center.

SCHEDULE C

Electric drill system

Electric drill, saw and reamer system for Orthopedics

1. Driving Unit: Motor unit with MCB, foot control, flexible shaft, stand and base, tool kit with a special container.
2. Universal drill hand piece: Autoclavable, pistol grip, stainless steel Jacob chuck, maximum speed 1200 rpm cannulated
3. Sagittal saw hand piece: Pistol grip, blades of different sizes which can be set at various angles.
4. Flexible reaming hand piece: Pistol grip, AO type quick coupling, cannulated. Adaptors for Jacob, trinkle, synthes, Hudson and zimmer ends
5. Flexible reamers shaft and heads: Atleast 6 to 14 mm at increments of 0.5 mm. Fixed heads of 6,7,abd 8 mm shaft, cannulated with guide wires 100 cm , plain, olive tipped and changing Teflon sleeve.
6. Reciprocating saw: pistol grip, atleastt 2 types of blade and 13000 reciprocations /minute

SCHEDULE D

Pneumatic automatic Tourniquets

Specifications:

1. Should be light weight, portable, compact with tilting stand.
2. Should be microprocessor controlled with latest digital technology.
3. Should have built in air pump for safe and leak free inflation.
4. Should have LCD display with indicators of inflate, deflate.
5. Should work on main ac power and internal battery with back up of 8 hours.
6. It should have countdown timer with alarm.
7. Should have audio-visual alarm to detect high leak and disconnection, pressure deviation and low battery indicator.
8. Cuff pressure should be 50-500mm Hg, wih adjustment of 5mm Hg steps.
9. Automatic pressure regulation with -1 to +10 mm Hg.
10. Alarm time with 0 – 250 minutes, with adjustment of 1 minute steps.
11. Three different sizes of imported quality material should be provided
12. Minimum warranty should be of one year.
13. The company should be WHO-GMP certified with ISO 13485:2008.

Electric drill, saw and reamer system for Orthopedics

7. Driving Unit: Motor unit with MCB, foot control, flexible shaft, stand and base, tool kit with a special container.

8. Universal drill hand piece: Autoclavable, pistol grip, stainless steel Jacob chuck, maximum speed 1200 rpm cannulated
9. Sagittal saw hand piece: Pistol grip, blades of different sizes which can be set at various angles.
10. Flexible reaming hand piece: Pistol grip, AO type quick coupling, cannulated. Adaptors for Jacob, trinkle, synthes, Hudson and zimmer ends
11. Flexible reamers shaft and heads: Atleast 6 to 14 mm at increments of 0.5 mm. Fixed heads of 6,7,abd 8 mm shaft, cannulated with guide wires 100 cm , plain, olive tipped and changing Teflon sleeve.
12. Reciprocating saw: pistol grip, atleastt 2 types of blade and 13000 reciprocations /minute

SCHEDULE E

Pulse lavage system

Technical specifications of pulsatile lavage system

- 1.1 Should have a suction and irrigation handpiece and a dual lumen suction and irrigation tip
- 1.2 Equipped with a motor driving a pump to create a pulsating fluid flow
- 1.3 Control mechanism for varying the pulsation frequency independently of the fluid pressure or rate of flow.
- 1.4 Separate pulsatile lavage, irrigation, and aspiration functions should be provided.

MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM
(Clause 14 (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 pexr 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.