

SHORT TENDER NOTICE

“O.T. Equipment”

AIIMS, Raipur, Tatibandh, Raipur,

Date: 10 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 O.T. Equipment for AIIMS Raipur.

The Equipment called for tender are		
Seq No	Equipment	Quantity Required
1.	Electrosurgical Generator /Cautery	1
2.	Multiparameter Patient Monitor	2
3.	O.T. Table	1
4.	Shadowless Lamp Ceiling mounted	1
5.	Suction Apparatus	3
6.	Syringe pump	2

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 O.T. Equipment”** 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.

Key Dates : Single Submission MultiOpening With Prequalification		
Seq No	DME Stage	Start Date & Time
1	Tender Preparation and Release of NIT	10-09-2013
3	Close for Bidding – Submission of Tender	27-09-2013 15:00
4	Open EMD & Technical / PQ bid	04-10-2013 15:00

The tender document containing technical bid form, financial bid form, technical description/specification and terms & conditions can be downloaded from website www.aiimsraipur.edu.in. Demand Draft/Pay Order for ₹1135.00 (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 O.T. Equipment of ₹ 30,000/- (Rupees Thirty 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
“O.T.. Equipment”
 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 ₹ 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 brochure 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 ₹ 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 ₹ 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/BG
3. Terms & Conditions (each page must be signed and sealed)
4. Financial Bid

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:

Address :

**“O.T. Equipment”
AIIMS, Raipur
FINANCIAL BID**

(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 supply, installation, commissioning & demonstration of performance including 5 year warranty.													
	Electrosurgical Generator /Cautery													
	Multiparameter Patient Monitor													
	O.T. Table													
	Shadowless Lamp Ceiling mounted													

Tender Enquiry No. ADMIN/Tender/OT_Equipment/1/2013

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
	Suction Apparatus													
	Syringe pump													
	Accessories													
	Service / Turnkey													
	AMC/CMC Total for Five Years (details is to be mentioned in next Table)													
		Grand Total*												

The Bidder should quote for all the above mentioned items and L-1 will be decided on the basis of composite price of all the items.

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	SME 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 O.T. Equipment . 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:

“O.T. Equipment”
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 27-09-2013, 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 “O.T. Equipment” should reach AIIMS, Raipur by or before 03.00 PM on 27-09-2013. 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 **23-09-2013** 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 ₹ **30,000/-** as Bid Security (EMD) alongwith 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 ₹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. 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 ₹5.00 Lacs and C.M.C. (include free labour, repair, other services & spare parts) shall be quoted

for Equipment costing above ₹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 maintenance of that particular year duly certified by the user department.

5. The supplier shall submit a notarised affidavit on Indian Non Judicial Stamp Paper of ₹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 ₹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 Equipment/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.
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

1. TECHNICAL SPECIFICATIONS FOR ELECTROSURGICAL GENERATOR /CAUTERY

Description and Specification: -

1. System should be CE & US FDA approved . Certificate of Both Standard Should be attached with Tender.
 2. Micro controller based isolated Electrosurgical Generator having both Monopolar and Bipolar outputs designed for all surgical procedures.
 3. Smart generator should be able to monitor changes in tissue impedance continuously and adjusts power.
 4. Monopolar outputs should have three cutting modes: -
 - a) Low Cut for delicate tissue or Laparoscopic cases having maximum power of 300 W.
 - b) Pure cut for clean, precise cut in general surgery having maximum power of 300 W.
 - c) Blend mode for cutting with homeostasis having maximum power of 200 W.All cut modes should be able to adjust output power depending on tissue density by less than 15% or 5W, whichever is greater.
 5. It should have three Coag Modes with maximum power of 120 W
 - a) Desiccate mode for low voltage contact coagulation suitable for Laparoscopic and delicate tissue work.
 - b) Fulgurate mode for efficient non-contact coagulation in most applications.
 - c) Spray mode should have randomized spray effect of varying amplitude and frequency for coagulating large tissue areas with minimum depth of necrosis.
 6. It should have three bipolar modes with maximum power of 70 W
 - a) Precise mode to have fine control of desiccation in delicate tissue.
 - b) Standard mode for applications at low voltage to prevent sparking.
 - c) Macro mode for applications on tissue with high resistance.
 7. It should have patient plate monitoring facility and should give audiovisual alarm and deactivate output if contact between patient and patient plate is not proper to eliminate the risk of patient burns.
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8. The unit should have two handswitching and two Footswitching Monopolar outputs and one handswitching and footswitching bipolar output.
9. It should have membrane keyboard for power settings.
10. The unit should have individual digital display of power for Bipolar, Monopolar cut and Monopolar Coag.
11. The unit should have temperature sensing cooling fan, which should operate automatically to protect generator from thermal damage.
12. It should have RS232 serial port to interface with computer to reduce the time and effort in problem diagnostics.
13. The unit should be software upgradeable.
14. The unit should be compatible with Argon beam Coagulator and Ultrasonic Surgical Aspirator & Smoke evacuation System.
15. The unit should have RF activation port to tell other Equipment like ECG or EEG that RF current is being generated.
16. The unit should not have RF Leakage current more than 150 mA.
17. It should be Compact and light weight, weighing less than 10 Kg.
18. The unit should be operational between 170V AC to 260V AC, 50 Hz. (should not require stabilizer)
19. It should have safety standard of UL, CUL, IEC 601-2-2.
19. It should be compatible with Tissue Select.
20. It should be compatible with Robotics arm.
21. It should be compatible with Cook's Lead Extraction system.
22. Accessories
 - a. Monopolar Footswitch-1no.
 - b. Bipolar footswitch-1no.
 - c. Reusable Handswitching Pencil- 2nos.
 - d. Disposable Patient Plate Monitoring System-50 nos.
 - e. Bipolar Forceps-1no.
 - f. Forceps Cord-2nos
 - g. Universal Adapter-1no.

2. TECHNICAL SPECIFICATION FOR MULTIPARAMETER PATIENT MONITOR

1. The monitor System should be FDA and CE approved for Quality assurance Certificate Should be attached.
2. The monitor should measure Basic Parameters like 5 Lead ECG, Resp, Dual Temp, SpO2, and NIBP , Dual IBP , Side stream EtCo2.
3. Monitor Should have Standard Three Trace Thermal Recorder.

4. Monitor Should have Power Full Data Storage 48 Hour Full Discloser, 120 Hours of Trends.
5. Monitor should have Touch Screen Control. Touch button instead of touch screen will not be accepted.
6. The monitor should have View Other Bed Function without Central Station.
7. The Monitor should have USB Port to Allows to Transfer Patient data to a PC.
8. There should be alarm limit setting for every parameter
9. Monitor should have Li-ion battery for 4 Hour Back up through High Quality Li-ion Battery.
10. The monitor should have hemodynamic calculations as standard facility.
11. The Monitor should have 8 Wave Forms.
12. Plug and play technology for sensors
13. There should be complete ST segment, Arrhythmia analysis with Pace detection facility.
14. The monitor should have oxyCRG screen as standard .
15. It should have drug calculation.

3. TECHNICAL SPECIFICATION FOR O.T. TABLE

A. General Specifications:

1. The company shall be ISO certified. Please submit the valid ISO certificate.
2. The unit shall be CE Certified unit. Please submit the valid CE certificate.
3. The company shall have a local service center based at Raipur or anywhere in Chhattisgarh. Please provide address of the service centre.
4. The company/supplier shall have experience in supplying/sale of above items in Govt. sector.
5. The manufacturer shall be responsible to supply spare parts up to the life time period of unit.
6. The manufacturer shall provide training at the installation site.
7. Guarranty/Warranty shall be of 2 years.

B. Technical specifications:

1. *It should be Four sectional, X-ray translucent top, C-arm Compatible O.T.. Table.*
2. *It should have eccentrically positioned hydraulic cylinder for maximum access for C-Arm.*
3. *It should have Base, main frame, fittings and accessories made of Stainless Steel.*
4. *It should be Rust Proof design.*
5. *It should have Quick and efficient floor locking .*
6. Overall Length of Table top should be ≥ 1950 mm.

7. Overall width of Table top should be 5≥50 mm.
8. *Remote Control should provide following functions :-*
- | | |
|-------------------------|------------------|
| - Min. Height | - - 750-770 mm. |
| - Max. Height | - - 1000-1020 mm |
| - Trendelenberg | - - 25° |
| - Reverse Trendelenberg | - - 25° |
| - Lateral Tilt | - - 25° |
| - Chair | - - 75°-85° |
| - Flex / Reflex | - - 30° / 350° |
| | - |
9. It should be Supplied with following accessories (S.S.)
- | | |
|----------------------------------|-------------|
| - Antistatic rubber mattress | - One set. |
| - S.S. Top Arm board | - One Pair. |
| - Anaesthetic Screen | - One Pc. |
| - Shoulder Support Padded | - One pair. |
| - Lateral Support Padded | - One pair. |
| - Geopal type lithotomy crutches | - One pair. |

4. TECHNICAL SPECIFICATION FOR SHADOWLESS LAMP STAND MODEL

A. General Specifications:

1. The company shall be ISO certified. Please submit the valid ISO certificate.
2. The unit shall be CE Certified unit. Please submit the valid CE certificate.
3. It should follow International safety requirement.
4. The company shall have a local service center based at Raipur or anywhere in Chhattisgarh. Please provide address of the service centre.
5. The company/supplier shall have experience in supplying/sale of above items in Govt. sector.
6. The manufacturer shall provide training at the installation site.

B. Technical specifications:

- Mobile, single dome, single reflector O.T.. Light mounted on sturdy stand.
- Dome made of aluminium and completely sealed.
- Glass dichroic reflector incorporated within aluminium dome.
- One main halogen bulb and one reserve halogen bulb.
- Reserved halogen bulb switched ON automatically in case of failure of main bulb.
- Halogen bulb positioned at the centre of the heat-absorbing colour correcting filter.
- Replacement of halogen bulb quick and without using any tool.
- Intensity control panel should be mounted on arm with following features :

- Feather touch key pad.
 - ON/OFF.
 - Intensity control
 - Intensity bar graph display.
 - Indicator for Main & Reserve bulb.
- Pre-focussed illumination cool and shadowless.
 - **Minimized Turbulence In Laminar Flow** : slim compact light head with its aerodynamic shape, turbulence is minimised.
 - **Light Intensity at 01 Mtr.** : 1,00,000 Lux.
 - **Dia of Dome** : 500 mm.
 - **Emergency Power Pack** : 2 Hrs. Backup

5. TECHNICAL SPECIFICATION FOR SUCTION APPARATUS

A. General Specifications:

1. The company shall be ISO certified. Please submit the valid ISO certificate.
2. The unit shall be CE/FDA/ WHO –GMP Certified unit. Please submit the valid CE/FDA/ WHO –GMP certificate.
3. The unit shall be WHO –GMP Certified unit. Please submit the valid certificate.
4. The company shall have a local service center based at Raipur or anywhere in Chhattisgarh. Please provide address of the service centre.
5. The company/supplier shall have experience in supplying/sale of above items in Govt. sector.

B. Technical specifications:

It should be/have;

- 1 Machine should be oil less and belt less
- 2 Machine should have UPS/inverter friendly
- 3 Machine should not consume not more than 50 Watts electricity
- 4 Machine should have 2x2 lit polycarbonate jars (autoclavable) with over flow protection system with bacterial filter
- 5 Machine should have min25 LPM free flow
- 6 Machine should come with foot switch
- 7 Machine should be easily portable
- 8 Machine should have vacuum more than 660mmHg (adjustable)
- 9 Free flow 25 LPM
- 10 Motor integrated 1/16 HP CLASS f INSULATION
- 11 Operating voltage 230 volts A/.C
- 12 Current 0.3 amp
- 13 Vacuum 670mmHg
- 14 Power consumption 50watt or less
- 15 Body ABS PLASTIC

6. TECHNICAL SPECIFICATION FOR SYRINGE PUMP

Applicable syringes	All brands of standard syringes: 5ml, 10ml, 20ml, 30ml, 50ml
Accuracy	±2%
Injection Increment	0.1ml/h
Occlusion value	40kPa-160kPa
Injection Rate	5ml : 0.1 ml/h – 100 ml/h 10ml : 0.1 ml/h – 200ml/h 20ml : 0.0 ml/h – 400ml/h 30ml : 0.1ml/h – 600ml/h 50ml : 0.1ml/h – 1500ml/h
Accumulated injection volume	0.1 ml~9999.9ml
Modes of operation	Selectable : rate mode, Time Mode , body weight mode
Time mode	Volume limit : 0.1~999.9ml, Time : 1~2000 minutes
Body weight mode	Drug Limit : 0.1~999.9mg, Solution Limit : 0.1~999.9ml, Weight : 01~300.00 kg, Dose : 0.1~9999.9mg/kg/h, ug/kg/min
Displayed Information	Rate, Volume limit, accumulated injection volume, syringe size, pressure value, battery capacity, unit of medical dosage, bed no. , AC power indicator, battery charge indicator, drug name, bolus rate
Alarm Function	OVER, NEAR, Occlusion, low battery, syringe disengaged, no AC power supply, serious low battery
KVO rate	0.1 ml/h – 5.0 ml/h (selectable)
Bolus rate	5ml : 100ml/h 10ml : 200ml/h 20ml : 400ml/h

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 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.