

(2nd call)

Notice Inviting Tender for

"Multipara & Neonatal Multipara Monitor"

At

All India Institute of Medical Sciences, Raipur

No	DME Stage	Start Date & Time
1.	NIT No.	Admin/Tender/ Multipara & Neonatal Multipara Monitor / 1 / 2015
2.	NIT issue date	19-01-2015
3.	Pre bid Meeting	30-01-2015 at 12:30 PM
4.	Last Date of submission	13-02-2015 at 03:00 PM



All India Institute of Medical Sciences, Raipur
Tatibandh, Raipur – 492099, Chhattisgarh
Tele: 0771- 2573777, email: store@aiimsraipur.edu.in
Website: www.aiimsraipur.edu.in

Chapter I- Instruction to bidders

Notice Inviting Tender

“Multipara & Neonatal Multipara Monitor”

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

Schedule	Name of the Items required to be purchased	Quantity tendered for
A.	Multipara Monitor (High End)	14
B.	Neonatal Multipara Monitor (High End)	02
C.	Multipara Monitor	08

1. Interested parties may send their tender in sealed cover addressed to the Administrative Officer, All India Institute of Medical Sciences, Tatibandh, Raipur superscripted with tender number and complete in all respects latest by 13-02-2015 up to 3:00 pm. The Quotations will be opened on the same day at 04.00 PM in the Committee Hall, Medical College Building, All India Institute of Medical Sciences, Raipur. The tenders received after the scheduled date and time will be rejected out rightly.
2. The tender is in **two- bid** system i.e. Technical Bid & Financial Bid .The technical bid will be opened on the designated date by the Purchase Committee. The financial bid containing the rate of various item(s) will be opened on a suitable date, to be intimated later by the Purchase Committee in respect of those who qualify the terms and conditions of the technical bid.
3. The bidder should seal the technical bid and the financial bid in separate covers super scribed "**Technical bid for Tender for Multipara & Neonatal Multipara Monitor**" and "**Financial Bid for Tender for Multipara & Neonatal Multipara Monitor**". Both Sealed Envelopes should be kept in a main/ bigger envelope super scribed as "**Tender for Multipara & Neonatal Multipara Monitor**". The ‘Technical Bid’ will be analyzed and ‘Financial Bid’ of only those firms who are found eligible in ‘Technical Bid’ will be opened in due course and the eligible firms would be intimated there of accordingly.

Schedule of Tender

Issue Date	:	19-01-2015
Pre bid Meeting	:	30-01-2015 at 03:00 PM
Last date and time of receipt of tender	:	13-02-2015 at 03:00 PM
Amount of Earnest Money Deposit (EMD)	:	Schedule A ₹ 4,20,000/- (Rupees Four Lakhs & Twenty Thousand)
		Schedule B ₹ 60,000/- (Rupees Sixty Thousand)
		Schedule C ₹ 1,20,000/- (Rupees One Lakhs & Forty Four Thousand)
Tender Cost	:	₹ 5000/- (Rupees Five Thousand Only)
Date & time of opening of tender	:	13-02-2015 at 03:30 PM
Venue	:	Administrative Office, AIIMS, Tatibandh, Raipur-492099

4. Tender document may be downloaded from this Institute's official website <http://www.aiimsraipur.edu.in>, www.tenders.gov.in and the tenderer shall deposit a separate Nationalized Bank DD/ Pay Order in favour of "All India Institute of Medical Sciences, Raipur" worth ₹ 5,000/- along with tender Document (Technical Bid) & EMD of requisite amount. The tenders submitted without tender cost or without EMD shall be liable to be rejected summarily. The cost of the bid document is non-refundable.

**Administrative Officer
AIIMS, Raipur**

Chapter-II- Conditions of Contract

General Terms and Conditions

Subject:- Notice Inviting Tender for Multipara & Neonatal Multipara Monitor for All India Institute of Medical Sciences, Raipur

1. Earnest Money:

Earnest money by means of a Nationalized Bank DD/BG/FDR of

- ₹ 4,20,000/- (Rupees Four Lakh & Twenty Thousand) for Schedule- A
- ₹ 60,000/- (Rupees Sixty Thousand) for Schedule- B
- ₹ 1,20,000/- (Rupees One Lakh & Twenty Thousand only) for Schedule- C

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

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

2. Preparation and Submission of Tender:

- The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The Technical Bid and the Financial Bid should be sealed by the bidder in two separate covers "**Technical Bid for Tender for Multipara & Neonatal Multipara Monitor**" and "**Financial Bid for Tender for Multipara & Neonatal Multipara Monitor**". Both Sealed Envelopes should be kept in a main/ bigger envelope super scribed as "**Tender for Multipara & Neonatal Multipara Monitor**"

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

3. Signing of Tender:

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

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

N.B.

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

- iv. The tenderer should sign and affix his firm's stamp at each page of the tender and all its annexure as the acceptance of the offer made by tenderer will be deemed as a contract and no separate formal contract will be drawn. **NO PAGE SHOULD BE REMOVED/ DETACHED FROM THIS NOTICE INVITING TENDER.**

4. Opening of Tender

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

5. Validity of the bids:

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

6. Right of acceptance:

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

7. Performance Security:

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

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

After completion of warranty period a fresh BG/DD/FDR of 10% of CMC cost will be submitted by the supplier for performance security against CMC validity of this new BG/DD/FDR will be 60 days beyond CMC period. After submission of new security deposit, old security deposit will be released.

8. Delivery & Installation:

The successful bidders should strictly adhere to the following delivery schedule supply, installation & Commissioning should be effected within 4 to 6 weeks from the date of supply order and this clause should be strictly adhere to failing which administrative action as deemed fit under rules will be taken against the defaulter.

9. Inspecting, Testing and Quality control

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

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

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

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

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

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

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

10. Guarantee / Warranty, Service, Maintenance:

Warranty

The tenderers must quote for 5 years onsite 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 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 CMC. The Rate Contracting Authority reserves the right to award CMC. The price of CMC should be quoted according to the cost of equipment. The amount of CMC would be released to the supplier on successful completion of the maintenance of that particular year duly certified by the user department.

Service

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

Maintenance

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

- a. If the cost of the unit/instrument/equipment is less than INR Five Lakhs, then the supplier has to sign an annual maintenance contract with the purchaser. During this period the supplier shall ensure quality maintenance / check service of minimum 4 times a year in addition to the calls that might be raised by the user

department. This contract will be 1 % per annum of the base price (exclusive of taxes / duties) quoted in the financial bid and shall be paid to the supplier at the end of the year with the clearance / satisfaction certificate issued by the user department.

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

11. Downtime penalty Clause

- During the Guarantee/warranty period, desired uptime of 95% of 365 days (24 hrs) if downtime more than 5% the institute shall be entitled to impose penalty equal to amount of 0.05% of the total cost of the equipment per day for the first seven days will be payable by the vendor which will doubled on subsequent weeks along with extension of warranty period by the excess down time period. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handing over the unit to the Institute.
- In no case instrument should remain in non-working condition for more than **2 days**, beyond which a penalty of **2% of machine cost** will be charged per day.

12. Liquidated Damages

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

13. Authorization

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 Organization 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 Performa given in attach duly supported by a notarized 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. FORCE MAJEURE:

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

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

15. Insolvency etc.:

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

16. Breach of Terms and Conditions:

In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason

thereof and nothing will be payable by AIIMS, Raipur. In that event the security deposit shall also stand forfeited.

17. Subletting of Work:

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

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

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

19. Terms of payment:

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

20. Arbitration

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

21. Legal Jurisdiction:

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

**Administrative Officer
AIIMS, Raipur**

Chapter III - Specifications and allied Technical Details

Parameters and Technical Specifications for Executing the Work:

1. The participant manufacture/companies having own manufacturing units or their authorized dealer can only participate. Proof of manufacturing is to be attached. Client may also visit and inspect the manufacture set up as deemed fit.
2. Manufacturer should be USFDA, European CE and ISO 9001 Certified. Dealers participating should enclose certificate from their parent manufacturer company.
3. The firm should be registered and should have the turnover of atleast 50% of the contract amount in the last three financial years.
4. The firm has to submit a proof of turnover as mentioned above supported by attested by C.A. documentary materials.
5. Tenderer must provide evidence of having supplied to at least 5 reputed government / reputed private organizations in India including at least one government institution.
6. The demonstration of the equipment forms an essential part of the tender. The bidder has to arrange for the demonstration of the equipment with no financial assistance from AIIMS Raipur.
7. The tenderer can quote for either/all of the schedules mentioned in the bid. If the tenderer is quoting all the Schedules it has to include separate financial bid for each schedule in a separate envelope labeled with the respective schedule on the envelope. **Price of the individual instrument/equipment in each schedule should be mentioned in the financial Bid of the quoted schedule, if not the bid for that schedule will be out rightly rejected.**
8. **AIIMS, Raipur also reserves the rights to accept all the equipment/instruments in the given tender or only part of it in any given schedule without assigning any reason.**
9. The delivery of the items will have to be made at AIIMS, Raipur. No transportation and cartridge charges will be provided for the same.
10. The rate quoted should be firm and final and written in ink or typed against each item and should in no case be overwritten.

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

(Signature & Stamp of the bidder)

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

Chapter - IV Contract Form

TENDER FORM - 1 - TECHNICAL INFORMATION AND UNDERTAKING

(Tenderer may use separate sheet wherever required)

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

S. N.	Description	Document Required	Document Supplied (Yes/No)	If yes, provide Reference page number in techno-commercial 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)	Relevant document		
A	Original Equipment Manufacturer's (OEM) Prequalification:			
	(a) Please provide the name, address, and the other details of the OEM. If the OEM is originally incorporated in other country, please furnish such details for India also. (b) Please provide full details of factory /manufacturing units for each item for which the bid is invited.			
4.	OEM must be a USFDA, European CE & ISO 9001 Certified company consistently	Copy of Valid certificates		
5.	OEM must be present in India for at least 5 Years with business history	Company Incorporation certificate		
6.	OEM must have 5+ years of experience supplying and servicing products	Complete installation reports which are older than 2 years		
B	About the tender Offer			
7.	Tenderer must provide evidence of having supplied government hospital / reputed private hospital organizations in India similar nature of items of atleast 1/3 value of contract amount in the last three years.	<ul style="list-style-type: none"> • Copy of the all the Supply orders. • Satisfaction certificates (along with contact details) from atleast two institutions. 		
C	Tenderer's prequalification			
8.	The average annual turnover of the bidder in the last three financial years should not be less than 50% of contract value.	<ul style="list-style-type: none"> • Copies of authenticated balance sheet for the past three financial years 		
9.	Tenderers, if not OEM, must submit OEM's authorization certificate that the tenderer is authorized for selling, and maintaining the	OEM's authorization letter		

S. N.	Description	Document Required	Document Supplied (Yes/No)	If yes, provide Reference page number in techno-commercial bid
	equipment quoted for.			
10.	Tenderers should submit letter from OEM mentioning that OEM shall be fully accountable for the performance of all components of the instruments tendered	Undertaking from OEM		
11.	Tenderers must submit letter from OEM mentioning to agree to provide all post-sale installation and maintenance support	Undertaking from OEM		
12.	A partner of the firm, if it is a partnership firm in which case he must have authority to execute the contracts on behalf of the firm and to refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.	Undertaking authorization letter		
D	Tender Related			
13.	Details of the Earnest Money Deposit (EMD)			
	A. Schedule A - ₹ 4,20,000/-	FDR/DD/BG No: Date: Bank: Payable at		
	B. Schedule B - ₹ 60,000/-	FDR/DD/BG No: Date: Bank: Payable at		
	C. Schedule C - ₹ 1,20,000/-	FDR/DD/BG No: Date: Bank: Payable at		
14.	Details of the cost of the Tender documents worth ₹ 5,000/- (Rupees Five Thousand Only)	DD/Pay Order No: Date: Bank: Payable at:		
15.	Whether each page of NIT and its annexure have been signed and stamped			
16.	Whether original catalogue of the equipment/instruments quoted with detailed data sheet enclosed.			
E	Other Relevant Information required			
17.	Permanent Account Number	Copy of the PAN Card		
18.	Please attach copy of last three years of Income Tax Return			
19.	VAT/Service Tax Registration Certificate	Please attach copy		
20.	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		

S. N.	Description	Document Required	Document Supplied (Yes/No)	If yes, provide Reference page number in techno-commercial bid
		document with technical bid. Otherwise your tender will be rejected.		
21.	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.			
22.	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.			
23.	Any other information important in the opinion of the tenderer			
24.	Kindly mention the total number of pages in the tender document.			

Note:

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

(Dated Signature of the Tenderer with stamp of firm)

Declaration by the Tenderer:

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

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:

Address :

“Multipara & Neonatal Multipara Monitor”**AIIMS, Raipur****FINANCIAL BID for SCHEDULE - A****(In sealed Cover-II super scribed “ Financial Bid for Schedule – A ”)**

S. No.	Item Description	Qty of units	Unit Price in INR	Custom duty in INR (if applicable)	Taxes (if applicable) VAT / Sales Tax/etc in INR	Service Tax (if applicable) in INR	Total Unit Price (including all taxes)	Total price of (Unit price x Quantity)
1	2	3	4	5	6	7	(4+5+6+7)=8	(3x8)= 9
1	MULTIPARA MONITOR (HIGH END)	14						
	Accessories							
	CMC Total for Five Years (Details is to be mentioned in separate 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

“Multipara & Neonatal Multipara Monitor”**AIIMS, Raipur****FINANCIAL BID for SCHEDULE – B****(In sealed Cover-II super scribed “ Financial Bid for Schedule – B ”)**

S. No.	Item Description	Qty of units	Unit Price in INR	Custom duty in INR (if applicable)	Taxes (if applicable) VAT / Sales Tax/etc in INR	Service Tax (if applicable) in INR	Total Unit Price (including all taxes)	Total price of (Unit price x Quantity)
1	2	3	4	5	6	7	(4+5+6+7)=8	(3x8)= 9
1	NEONATAL MULTIPARA MONITOR (HIGH END)	02						
	Accessories							
	CMC Total for Five Years (Details is to be mentioned in separate 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

“Multipara & Neonatal Multipara Monitor”**AIIMS, Raipur****FINANCIAL BID for SCHEDULE – C****(In sealed Cover-II super scribed “ Financial Bid for Schedule – C ”)**

S. No.	Item Description	Qty of units	Unit Price in INR	Custom duty in INR (if applicable)	Taxes (if applicable) VAT / Sales Tax/etc in INR	Service Tax (if applicable) in INR	Total Unit Price (including all taxes)	Total price of (Unit price x Quantity)
1	2	3	4	5	6	7	(4+5+6+7)=8	(3x8)= 9
1	MULTIPARA MONITOR	08						
	Accessories							
	CMC Total for Five Years (Details is to be mentioned in separate 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 COMPREHENSIVE MAINTENANCE CONTRACT
(C.M.C) AFTER EXPIRY OF WARRANTY**

(RATES SHOULD BE QUOTED IN INDIAN RUPEES ONLY)

SCHEDULE - A/B/C

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.

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 Instruments . I/we agree to abide them.

2. No other charges would be payable by Client and there would be no increase in rates during the Contract period.

Place:.....

(Signature of Bidder with seal)

Date:.....

Name :

Seal :

Address:

Annexure-I**TECHNICAL SPECIFICATION FOR MULTIPARA & NEONATAL MULTIPARA MONITOR****TECHNICAL SPECIFICATIONS****General Specifications:**

1. All the material /equipment should be European CE & US FDA
2. All the Electronic equipments should comply with Electrical safety conforms to standards for electrical safety IEC 60601-1.
3. All the equipment's power input should be 220- 240V AC, 50Hz fitted with Indian plug.

Schedule-A**MULTIPARA MONITOR (HIGH END) (14 Nos.)**

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
	General:	<ul style="list-style-type: none"> ▪ Parameters – ECG, heart rate, respiratory rate, SpO2, NiBP, Dual IBP, EtCO2, Dual Temperature ▪ Should be Modular and capable of being connected to a central station ▪ The equipment should come with all standard accessories required to run all parameters. ▪ Waveform display: at least 12 channels at a time, user selectable ▪ Digital display: Heart rate, respiratory rate, oxygen saturation, temperature, Blood Pressure (systolic, diastolic, mean) ▪ System should be compatible with HIS. ▪ System should be US FDA & European CE approved for quality assurance. ▪ Monitor must be able to connect to central monitoring station and should use single network for all kind of networking with the central station or other hospital information system (HIS). It should have dual display, one for continuous display of all beds and other for trend review, full disclosure etc.
1.	Individual Monitors :	<ul style="list-style-type: none"> ▪ Wall-mountable and pivotable ▪ Medical grade, TFT Flat screen, slim size, at least 19" display ▪ Flexible display mode for various monitoring needs ▪ Should be knob control and touch screen ▪ Viewing angle at least 90o ▪ Bigger font of numeric should also be available ▪ Should have standby mode for temporary leaving of patients. ▪ Adjustable contrast and brightness <p>Should have facility to record data for individual patients identifiable by their name and hospital registration number</p>

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
2.	Parameters monitored :	<p>Cost of following modules should be quoted separately. The following modules complete with their accessories for each monitor:</p> <ul style="list-style-type: none"> ▪ Heart rate ▪ ECG ▪ Respiration ▪ Oxygen saturation ▪ Temperature: 2 ports ▪ Noninvasive Blood pressure ▪ Invasive blood pressure 2 ports ▪ EtCO₂ ▪ Minimally invasive cardiac output ▪ BIS ▪ NMT
3.	Heart rate/ECG:	<ul style="list-style-type: none"> ▪ 10-lead selectable ECG ▪ Built in arrhythmia monitoring in all leads ▪ Inbuilt ST segment analysis and arrhythmia detection facility ▪ Display of 2 ECG leads simultaneously at a time ▪ Heart rate range 20-250 bpm ▪ Accuracy ± 5 bpm ▪ Display sweep speeds 12.5, 25 mm/sec (user adjustable) ▪ Averaging time: user selectable up to 8 seconds ▪ ECG amplitude user adjustable ▪ Defibrillator protected
4.	Respiratory rate	<ul style="list-style-type: none"> ▪ Measured by transthoracic impedance using the same ECG lead ▪ Range 0 to 150 breaths/min ▪ Accuracy ± 2 bpm ▪ Display sweep speeds 6.25, 12.5 & 25 mm/sec (user adjustable) ▪ Averaging time: user selectable up to 8 seconds ▪ User selectable apnea alarm time
5.	Oxygen Saturation	<ul style="list-style-type: none"> ▪ Masimo-SET/FAST Technology to take care of low perfusion states and motion artifacts ▪ Dual wavelength LED pulse oximetry ▪ Range 1 to 100% ▪ SpO₂ accuracy : $\pm 2\%$ (70-100% range) ▪ Averaging time: user selectable up to 8 seconds ▪ Plethysmographic waveform display ▪ System must display perfusion index (PI %) from SpO₂ as an indication of pulse strength at the sensor site.
6.	Temperature	<ul style="list-style-type: none"> ▪ 2-channels ▪ Continuous digital display of two site temperatures ▪ Range: 25-50 degree Celsius ▪ Resolution: ± 0.1 degree Celsius <p><input type="checkbox"/> Accuracy: + 0.1 degree Celsius</p> <ul style="list-style-type: none"> ▪ Should provide skin temperature probe and rectal temperature probe for every monitor

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
7.	Noninvasive Blood pressure:	<ul style="list-style-type: none"> ▪ Capable of measuring blood pressure including in neonates weighing 500 g ▪ Microprocessor software with unit in mmHg ▪ Oscillometric technique ▪ Manual, auto and time limited stat modes ▪ User selectable automatic time intervals ▪ Display systolic, diastolic and mean BP ▪ Blood pressure range Systolic : 30-250 mm Hg Diastolic : 10-200 mm Hg Mean: 20 – 100 mmHg ▪ Pulse rate range : 20-250 bpm ▪ Cuff : auto deflate with over pressure protection ▪ Should automatically establish zero reference after each reading
8.	Invasive Blood pressure	<ul style="list-style-type: none"> ▪ At least 2 channels ▪ Compatible with reusable and disposable pressure transducers ▪ Transducer should allow continuous infusion into the artery through an infusion pump while pressure is simultaneously displayed ▪ Input through pressure transducer that functions through a fluid filled catheter system ▪ Unit: mmHg ▪ Should allow continuous fluid infusion into the artery /vein through an infusion pump without any volume limitation ▪ Compatible with arterial BP, CVP and intracranial pressure monitoring catheters with user selectable display names ▪ Range 0-350 mmHg ▪ Display resolution: ± 1 mmHg ▪ Accuracy ± 1mmHg ▪ Digital waveform display ▪ User selectable pressure channel display ▪ Should be Compatible with ICP monitoring system ▪ Name of manufacturer of compatible ICP monitoring system should be provided with documentary evidence. ▪ Monitor must measure dynamic preload parameters such as pulse pressure variation (PPV) and systolic pressure variation (SPV) from arterial waveform and display on main screen.)
9.	EtCO2	<ul style="list-style-type: none"> ▪ Should provide mainstream modules ▪ Warm up time: capnogram displayed in less than 15 sec ▪ Measurement method: infrared spectrum ▪ Unit: %, mmHg, kPa ▪ CO2 Accuracy: +/- 2.0 mmHg ➤ Measurement range: 0-150 mmHg ▪ Resolution: 1 mmHg ▪ Resp rate accuracy +/- 1 rpm ▪ Range of resp rate measurement: 0-150/ min

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
10.	User selectable alarms	<ul style="list-style-type: none"> ▪ High and low heart rate ▪ High and low respiratory rate ▪ Apnea with adjustable time 5-20 seconds ▪ High and low saturation ▪ High and low SBP ▪ High and low DBP ▪ High and low MAP ▪ Probe failure ▪ Poor signal ▪ Power failure ▪ Audio & visual alarms with message with separate alarm indicator with 360° viewing.
11.	Trends	<ul style="list-style-type: none"> ▪ Memory storage : at least 72 hours ▪ Data display interval : not more than 20 sec ▪ Display range : last ½ hour to 72 hours ▪ Graphical and tabular format of display of variables ▪ Full waveform disclosure of 24 hrs.
12.	Power	220/240 V 50/60 Hz AC Rechargeable internal / external battery with a back up of at least 1 hr
13.	Manuals:	One set of operator & service manuals with each monitor
14.	Comprehensive warranty period :	5 years and CMC for 5 years after warranty
15.		Availability of spares for at least 10 years after date of installation
16.		Comprehensive warranty and CAMC would include all parts-plastic, metallic, glass, batteries and rubber except the consumable accessories listed below against item no. 22. Comprehensive warranty and CAMC would include periodic checking and periodic calibration of all parameters strictly as per manufacturer's recommendations (at least every 3 month) and any spares, gases or standards required for that.
17.		Should have online and telephonic registration of the complaints
18.		Should have resident service engineer in Raipur and should be available 24 x 7 to solve the complaints.
19.		Down time of the equipment will start from the time of lodgment of first complaint.
20.		If machine is not made fully functional within 24 hours of the lodgment of complaint, a standby machine of similar configuration must be provided. Failure to do so will invite an increase in the period of comprehensive warranty or CAMC by 7 times of the downtime period. (i.e. 7 days for every 1 day of downtime).
21.		Should be able to provide training of all healthcare personnel during first 1 month of installation in the group of 5 trainees per session.

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
22.		<p>Essential Accessories for 1 monitor</p> <p>The following quantities are to be supplied for every monitor with the initial order:</p> <p>ECG/Respiration</p> <ul style="list-style-type: none"> ▪ ECG patient cable : 2 ▪ Reusable ECG lead wires set : 2 sets <p>Oxygen saturation</p> <ul style="list-style-type: none"> ▪ Patient extension cables: 2 ▪ Reusable neonatal wrap around probes: 4 ▪ Reusable pediatric clip/ finger probes: 4 <p>Temperature</p> <ul style="list-style-type: none"> ▪ Reusable surface (skin) temperature probes: 2 ▪ Reusable rectal temperature probes: 2 <p>NIBP</p> <ul style="list-style-type: none"> ▪ Patient extension cable – 2 ▪ Disposable NIBP cuffs suitable for neonates, children and adults (<1000g, 1000-2000g, >2000g, pediatric, adolescent and adult): 5 no of each size <p>IBP</p> <ul style="list-style-type: none"> ▪ Transducer connecting cables: 2 ▪ Reusable pressure transducer: 5 ▪ Disposable pressure dome kit with neonatal flush device: 10 ▪ Quotation must include a compliance statement and in addition, each of the above points is marked in the technical brochure. Points not covered in the brochure must be specifically addressed in a separate certificate. <p>Manuals: One set of operator & service manuals with each monitor</p> <ul style="list-style-type: none"> ▪ Should be able to provide training of all healthcare personnel during first 1 month of installation in the group of 5 trainees per session. ▪ FDA (USA) or CE certificate must be enclosed. ▪ Onsite physical demonstration of the machine with all standard actual accessories of the same make which the firm intends to supply will be mandatory if demanded by the technical committee. The ventilator with all the accessories has to be left in the unit for demonstration on real patients for at least 7 days. <p>Prices of the above consumable accessories should be quoted separately, which will be fixed for the duration of comprehensive warranty and CAMC (i.e., for 10 years)</p> <p>Warranty and CAMC:</p> <ul style="list-style-type: none"> ▪ Comprehensive warranty period: 5 years and CMC for 5 years after warranty ▪ Availability of spares for at least 10 years after date of installation ▪ Comprehensive warranty and CAMC would include all parts-plastic,

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>metallic, glass, batteries and rubber (without any exclusion) except the consumable accessories listed above.</p> <ul style="list-style-type: none"> ▪ Comprehensive warranty and CAMC would include periodic checking and periodic calibration of all parameters strictly as per manufacturer's recommendations (at least every 3 month) and any spares or standards required for that. ▪ Should have online and telephonic registration of the complaints ▪ Should have resident service engineer in Raipur and should be available 24 x 7 to solve the complaints. ▪ Down time of the equipment will start from the time of lodgment of first complaint. ▪ The company must ensure that the machine remains FULLY functional all the time for the period of warranty and CAMC. ▪ If machine is not made fully functional within 24 hours of the lodgment of complaint (even for single parameters), a standby machine of similar configuration must be provided. Failure to do so will invite an increase in the period of comprehensive warranty or CAMC by 7 times of the downtime period. (i.e. 7 days for every 1 day of downtime). ▪ This will be valid even for holidays. ▪ No request in this regard will be entertained on the pretext of on availability of items with the supplier/company. <p>Quoting Price and Rates:</p> <ul style="list-style-type: none"> ▪ Rates should be quoted in full (indicating rates of items quoted, VAT, CST, Octroi, Insurance, Packing, freight excise) and separately. ▪ The total cost of accessory items along with the cost of machine will be considered for comparative purpose among companies. ▪ If the firm does not list any item in the tender, no payment will be made for the items required for complete operation of the machine. ▪ The firm will be obliged to supply any omitted items for the entire duration of warranty free of cost and no representation on this will be entertained. <p>If the company fails to quote for any item, it has to provide the item</p> <ul style="list-style-type: none"> ▪ free of cost for three years.
23	General	<ul style="list-style-type: none"> • Should be able to remotely access the patient monitoring system via internet • System should be compatible with HIS and be HL-7 compliant • Ready to run web based applications like HIS, PACS, RIS, LIS etc on patient monitor screen itself without need of additional server/PC/gateway hardware and software as standard supply. • License should be provided for at least 4 users. • Should provide with sturdy good quality stand to mount on wall.

Schedule-B**NEONATAL MULTIPARA MONITOR -HIGH END(2 Nos.)**

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
	Distribution outline:	<ul style="list-style-type: none"> • Basic parameters (ECG/heart rate, O2 saturation, NIBP, respiration & temperature) – in all monitors • Invasive BP module: in all monitors • Microstream end tidal CO2 module: in all monitors • EEG module: in all monitor
	General:	<ul style="list-style-type: none"> • Upgradable Modular system, capable of being connected to a central station • The equipment should come with all standard accessories required to run all parameters.
	Waveform display:	at least 12 channels, user selectable
	Digital display:	<ul style="list-style-type: none"> • Heart rate, respiratory rate, oxygen saturation, temperature, Blood Pressure (systolic, diastolic, mean), EtCO2(whenever applicable) • Should be upgradable for measurement of cardiac output/SvO2 • Should be possible to move the Microstream end tidal CO2 and EEG modules from one monitor to another. • Should be able to remotely access the patient monitoring system via internet • System should be compatible with HIS and be HL-7 compliant • Ready to run web based applications like HIS, PACS, RIS, LIS etc on patient monitor screen itself without need of additional server/PC/gateway hardware and software as standard supply. • Individual Monitors : • Wall mountable and pivotable • Medical grade, TFT Flat screen, slim size, at least 19” display • Screen resolution at least 1280x1024 pixels • Clear bright color display with large character size • Should have knob control and touch screen • Viewing angle at least 90o • Adjustable contrast and brightness • Ability to zoom any parameters • Ability to adjust individual alarms • Ability to change color of the trace by user • RS 232C interface for data communication • Internal at least 1 hour backup time • Store and review trends for at least 72 hours • License should be provided for at least 4 users.

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>1. Parameters monitored :</p> <ul style="list-style-type: none"> • The following modules complete with their accessories: • Heart rate/ECG • Respiration • Oxygen saturation • Temperature • Noninvasive Blood pressure • Invasive blood pressure • EEG (2 monitors), 'micro stream' EtCO₂ (2 monitors) <p>2. Heart rate/ECG:</p> <ul style="list-style-type: none"> • Derived 12 lead ECG • Built in arrhythmia monitoring in all leads • Inbuilt ST segment analysis and arrhythmia detection facility • Display of 2 ECG leads simultaneously at a time • Heart rate range 20-240 bpm • Accuracy + 5 bpm • Display sweep speeds 12.5, 25 mm/sec (user adjustable) • Averaging time: user selectable up to 8 seconds • ECG amplitude user adjustable • Defibrillator protected <p>3. Respiratory rate</p> <ul style="list-style-type: none"> • Measured by transthoracic impedance using the same ECG lead • Range 0 to 150 breaths/min • Accuracy + 2 bpm • Display sweep speeds 6.25, 12.5 & 25 mm/sec (user adjustable) • Averaging time: user selectable up to 8 seconds • User selectable apnea alarm time <p>4. Oxygen Saturation</p> <ul style="list-style-type: none"> • Masimo-SET/FAST technology to take care of low perfusion states and motion artefacts. • Dual wavelength LED pulse oximetry • Range 1 to100% • SpO₂ accuracy : + 2 % (70-100% range) • Averaging time: user selectable up to 8 seconds • Plethysmographic waveform display <p>5. Temperature</p> <ul style="list-style-type: none"> • Skin type capable of recording both central and peripheral skin

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>temperature</p> <ul style="list-style-type: none"> • Continuous digital display of two site temperatures • Range: 25-50 degree Celsius • Resolution: ± 0.1 degree Celsius • Accuracy: $+ 0.1$ degree Celsius <p>6. Non-invasive Blood pressure :</p> <ul style="list-style-type: none"> • Capable of measuring blood pressure in neonates weighing 400g to 5000g • Microprocessor software with unit in mmHg • Oscillometric technique • Manual, auto and time limited stat modes • User selectable automatic time intervals • Display systolic, diastolic and mean BP • Blood pressure range • Systolic BP : 30-150 mm Hg • Diastolic BP : 10-100 mm Hg • Mean: BP 20 – 100 mmHg • Pulse rate range : 20-240 bpm • Cuff : auto deflate with over pressure protection • Should automatically establish zero reference after each reading <p>7. Invasive Blood pressure</p> <ul style="list-style-type: none"> • At least 2 channels • Compatible with reusable and disposable pressure transducers • Transducer should allow continuous infusion into the artery through an infusion pump while pressure is simultaneously displayed Input through pressure transducer that functions through a fluid filled catheter system • Unit: mmHg • Should allow continuous fluid infusion into the artery /vein through an infusion • pump without any volume limitation • Compatible with arterial BP, CVP, pulmonary artery pressure and intracranial • pressure monitoring catheters • Range 0-300 mmHg • Display resolution: ± 1 mmHg • Accuracy ± 1mmHg • Digital waveform display • User selectable pressure channel display

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>8. EEG</p> <ul style="list-style-type: none"> • EEG module should be interchangeable with any of the monitors <p>Input: 6 lead</p> <ul style="list-style-type: none"> • Sensitivity: 20, 50,100,250/μV/cm • Display: Left or right sided waveform • Small, cup type EEG electrodes and lead set kit suitable for neonatal use with a low impedance <p>9. Microstream end tidal capnography (EtCO2)</p> <ul style="list-style-type: none"> • Module should be interchangeable with any of the monitors • Microstream technology with neonatal mode • Display of both waveform and numerical values • Should be usable in intubated as well as non-intubated neonates • Measured parameters: EtCO2, CO2 waveform, Respiratory rate • CO2 range – 0-150 mmHg • Respiratory rate – 0-150 breaths / min • Display – in mmHg and % • Accuracy - \pm2 mmHg (0-38 mmHg) <p>10. User selectable alarms</p> <ul style="list-style-type: none"> • High and low heart rate • High and low respiratory rate • Apnea with adjustable time 5-20 seconds • High and low saturation • High and low SBP • High and low DBP • High and low MAP • High and low EtCO2 • Probe failure • Poor signal • Power failure • Audio & visual alarms with message <p>11. Trends</p> <ul style="list-style-type: none"> • Memory storage : at least 72 hours • Data display interval : not more than 20 sec • Display range : last $\frac{1}{2}$ hour to 72 hours • Graphical and tabular format of display of variables <p>12. Power</p> <ul style="list-style-type: none"> • 220/240 V • 50/60 Hz AC

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<ul style="list-style-type: none"> • Rechargeable internal/external battery with a back up of at least 1hr <p>13. Manuals : Operator & service manuals</p> <p>14. Should be approved & certified by FDA (USA) and European CE (certificate to be submitted)</p> <p>15. Manufacturer should have ISO certification for quality standards</p> <p>16. Shall meet the safety requirements as per IEC 60601-2-27:1994— Medical electrical equipment—Part 2: Particular requirements for the safety of electrocardiographic monitoring equipment</p> <p>17. Availability of spares for at least 10 years after date of installation</p> <p>18. Warranty and CMC would include the periodic calibration of all parameters strictly as per manufacturer’s recommendations and any spares or standards required for that.</p> <p>19. Onsite physical demonstration of the monitor with all the requested modules will be mandatory</p> <p>20. Should have local service facility and should have the necessary equipments to carry out preventive maintenance test</p> <p>21. Essential Accessories</p> <ul style="list-style-type: none"> • The following quantities are to be supplied with the initial order: • ECG/Respiration per monitor. • ECG patient cable : 2 • ECG lead wires set (at least 3 leads) : 2 sets • Disposable small ECG electrodes for preterm neonates: 50 sets (set of 3) • Oxygen saturation • Patient extension cables: 2 • Reusable neonatal wrap around probes: 2 • Reusable ear probe – 2 • Temperature • Reusable surface (skin) temperature probes: 2 • NIBP • Patient extension cable – 2 • Disposable NIBP cuffs of sizes suitable for neonates (<1000g, 1000-2000g, and >2000g): 10 no of each size (total 30 no) <p>IBP</p> <ul style="list-style-type: none"> • Transducer connecting cables: 2 • Reusable pressure transducer: 4 • Disposable pressure dome kit with neonatal flush device: 50 • Microstream capnography (EtCO₂) • Disposable EtCO₂ sensors: Through ET tube: 50

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>EEG</p> <ul style="list-style-type: none"> • Patient cable: 2 • Small, cup type EEG electrodes suitable for neonates with lead set kit: 2 <p>22. Prices of above consumables should be quoted separately and frozen for the period including warranty and CMC period.</p> <p>23. Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility. Or should comply with 89/366/EEC; EMC-directive</p> <p>24. The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%</p> <p>25. The unit shall be capable of operating continuously in ambient temperature of 10 -40 deg C and relative humidity of 15-90%</p> <p>26. Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual</p> <p>27. User/Technical/Maintenance manuals to be supplied in English.</p> <p>28. Certificate of calibration and inspection.</p> <p>29. List of important spare parts and accessories with their part number and costing</p> <p>30. Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist.</p> <p>31. The job description of the hospital technician and company service engineer should be clearly spelt out</p>
		<p>32. Should provide with sturdy good quality stand to mount on wall.</p>

Schedule-C

MULTIPARA MONITOR (8 Nos.)

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>1. Basic parameters (ECG/heart rate, O2 saturation, NIBP & respiration) – in all monitors</p> <p>2. General :</p> <ul style="list-style-type: none"> ▪ The equipment should come with all standard accessories required to run all parameters, suitable for all patient categories, ie. infants, children and adolescents. ▪ Waveform display: at least 6 channels, user selectable. ▪ Digital display: Heart rate, respiratory rate, oxygen saturation, Non Invasive Blood Pressure. <p>3. Individual Monitors :</p> <ul style="list-style-type: none"> ▪ Wall mountable and pivotable ▪ Medical grade, TFT Flat screen, slim size, at least 17” display ▪ System should be modular. ▪ Screen resolution at least 1280x1024 pixels ▪ Clear bright color display with large character size ▪ Viewing angle at least 90o ▪ Adjustable contrast and brightness ▪ Ability to zoom any parameters ▪ Ability to adjust individual alarms ▪ Ability to change color of the trace by user ▪ Should provide with sturdy good quality stand to mount on wall. <p>4. Parameters monitored :</p> <p>The following modules complete with their accessories:</p> <ul style="list-style-type: none"> ▪ Heart rate/ECG ▪ Respiration ▪ Oxygen saturation ▪ Noninvasive Blood pressure <p>5. Heart rate/ECG:</p> <ul style="list-style-type: none"> ▪ At least 3-lead selectable ECG ▪ Built in arrhythmia monitoring in all leads ▪ Inbuilt ST segment analysis and arrhythmia detection facility ▪ Display of 2 ECG leads simultaneously at a time ▪ Heart rate range 30-300 bpm ▪ Accuracy + 5 bpm ▪ Display sweep speeds 12.5, 25 mm/sec (user adjustable) ▪ Averaging time: user selectable up to 8 seconds ▪ ECG amplitude user adjustable ▪ Defibrillator protected

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>6. Respiratory rate</p> <ul style="list-style-type: none"> ▪ Measured by transthoracic impedance using the same ECG lead ▪ Range 6 to 120 breaths/min ▪ Accuracy + 2 bpm ▪ Display sweep speeds 6.25, 12.5 & 25 mm/sec (user adjustable) ▪ Averaging time: user selectable up to 8 seconds ▪ User selectable apnea alarm time <p>7. Oxygen Saturation</p> <ul style="list-style-type: none"> ▪ Dual wavelength LED pulse oximetry ▪ Range 1 to 100% ▪ SpO2 accuracy : + 2 % (40-100% range) ▪ Averaging time: user selectable up to 8 seconds ▪ Plethysmographic waveform display <p>8. Noninvasive Blood pressure :</p> <ul style="list-style-type: none"> ▪ Capable of measuring blood pressure in infants, children and adolescents. ▪ Microprocessor software with unit in mmHg ▪ Oscillometric technique ▪ Manual, auto and time limited stat modes ▪ User selectable automatic time intervals ▪ Display systolic, diastolic and mean BP ▪ Blood pressure range ▪ Systolic : 30- 250 mm Hg ▪ Diastolic : 10-120 mm Hg ▪ Mean: 20 – 100 mmHg ▪ Pulse rate range : 20-300 bpm ▪ Cuff : auto deflate with over pressure protection ▪ Should automatically establish zero reference after each reading <p>9. User selectable alarms</p> <ul style="list-style-type: none"> ▪ High and low heart rate ▪ High and low respiratory rate ▪ Apnea with adjustable time 5-20 seconds ▪ High and low saturation ▪ High and low SBP ▪ High and low DBP ▪ High and low MAP ▪ Probe failure ▪ Poor signal ▪ Power failure ▪ Audio & visual alarms with message

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>10. Trends</p> <ul style="list-style-type: none"> ▪ Memory storage : at least 72 hours ▪ Data display interval : not more than 20 sec ▪ Display range : last ½ hour to 72 hours ▪ Graphical and tabular format of display of variables <p>11. Power</p> <ul style="list-style-type: none"> ▪ 220/240 V ▪ 50/60 Hz AC ▪ Rechargeable internal battery with a back up of at least 1 h <p>12. Manuals : Operator & service manuals</p> <p>13. Should be approved & certified by FDA (USA) and European CE</p> <p>14. Manufacturer should have ISO certification for quality standards</p> <p>15. Shall meet the safety requirements as per IEC 60601-2-27:1994—Medical electrical equipment—Part 2: Particular requirements for the safety of electrocardiographic monitoring equipment</p> <p>16. Availability of consumables for at least 10 years after date of installation</p> <p>17. Warranty and CMC would include the periodic calibration of all parameters strictly as per manufacturer’s recommendations and any spares or standards required for that.</p> <p>18. Onsite physical demonstration of the monitor with all the requested modules will be mandatory</p> <p>19. Essential Accessories for eight (08) monitors</p> <p>The following quantities are to be supplied with the initial order:</p> <p>ECG/Respiration</p> <ul style="list-style-type: none"> ▪ ECG patient cable : 16 ▪ ECG lead wires set (at least 3 leads) : 16 sets ▪ Disposable ECG electrodes for infants, pediatrics and adolescents:50 sets of infants and pediatrics each and 50 sets of adolescents . ▪ Oxygen saturation ▪ Patient extension cables: 16 ▪ Reusable wrap around probes: 24 ▪ Reusable Y shaped finger probes: 24 <p>NIBP</p> <ul style="list-style-type: none"> ▪ Patient extension cable – 16 ▪ Disposable NIBP cuff of size suitable for neonates (>2000g): 25 no. ▪ Reusable cuffs of infant, pediatric and adult size- 2 each with each monitor

No.	Name of Equipment	Specifications Required for the Equipment to be purchased
		<p>20. Cost of consumables/accessories should be frozen for the period of warranty and CMC.</p> <p>21. The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%</p> <p>22. The unit shall be capable of operating continuously in ambient temperature of 10 -50 deg C and relative humidity of 15-90%</p> <p>23. Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual</p> <p>24. User/Technical/Maintenance manuals to be supplied in English.</p> <p>25. Certificate of calibration and inspection.</p> <p>26. List of important spare parts and accessories with their part number and costing</p> <p>27. Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist.</p> <p>28. The job description of the hospital technician and company service engineer should be clearly spelt out.</p>

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.