

TENDER NOTICE**“ENT Instruments”****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 ENT Instruments for AIIMS Raipur.

Schedule No	Equipment	Quantity Required	EMD
A	Audiology Instruments	01	9,000/-
B	Endoscopy Set	As per the Specs	1,80,000/-
C	ENT Surgical Instruments	As per the Specs	39,000/-
D	Operating Microscope	01	1,20,000/-

The interested manufactures and their authorised dealers/ distributors are required to submit the technical and financial bid separately. The bids in Sealed Cover-I containing “Technical Bid” and Sealed Cover-II containing “Financial Bid” should be placed in a third sealed cover super scribed **“Tender For ENT Instruments”** and should reach at the office of **“The Administrative Officer, AIIMS, Tatibandh Raipur (CG) - 492001**, by or before on **03.00 PM** on **23-10-2013**. 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 **03.30 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
2.	Pre Bid Meeting	11-10-2013 11:00
3.	Close for Bidding – Submission of Tender	23-10-2013 15:00

The tender document containing technical bid form, financial bid form, technical description/specification & tem and terms & conditions can be downloaded rom website www.aiimsraipur.edu.in. Demand Draft/Pay Order for Rs.5000/- (Rupees Five thousand only) (non-refundable) in favour of **"AIIMS, Raipur"**, payable at **Raipur**, against cost of the tender document along with their technical bid in the Cover-I "Technical Bid". The amount of bid security (EMD) for **Tender For ENT Instruments Schedule-A of Rs. 9,000/- (Rupees Nine Thousand Only), Schedule-B of Rs. 1,80,000/- (Rupees One Lakh Eighty Thousand Only), Schedule-C of Rs. 39,000/- (Rupees thirty nine Thousand Only) and Schedule-D of Rs. 1,20,000/- (Rupees One Lakh Twenty 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
“ENT Instruments”
 AIIMS, Raipur

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

1.	Name & Address of the manufacture and their authorised dealers/ distributors/Agency with phone number, email, name and telephone/mobile	
2.	Specify your firm/company is a manufactures/ authorised dealer/distributor/ Agency	
3.	Name, Address & designation of the authorized person (Sole proprietor/partner /Director)	
4.	Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs. 10/- that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. If you don't fulfil this criteria, your tender will be out rightly rejected.	
5.	Detailed & exact specification of the product available with the vendor should be mentioned in the technical bid in Annexure-I only. Mentioning ‘Yes’ or ‘No’ is not sufficient. Original product boucher with details of the product quoted should be attached along with. Bids not complying with this instruction will be out-rightly rejected.	
6.	Please attach copy of last of Income Tax Return	
7.	Please attach balance sheet (<i>duly certified by Chartered Accountant</i>) for last three (3) years (Annual minimum turnover should not be less than 50 lakhs)	
8.	PAN No. (Please attach copy)	
9.	VAT/Service Tax Registration Number. (Please attach copy)	
10.	Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. Otherwise your tender will be rejected.	
11.	Power of Attorney/authorization for signing the bid documents	
12.	Please submit a notarised affidavit on Indian Non judicial stamp paper of Rs. 10/- that no case is pending with the police against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner. Please also declare that proprietor/firm has never been black listed by any organization.	
13.	Details of the FDR/DD of bid security (EMD) FDR/DD No: Date: Payable at	Detail of cost of Tender for Rs. 5000/- (if downloaded from website) DD No. Date: Payable at-

Declaration by the Tenderer:

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

Encls:

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

Place:.....

Date:.....

(Signature of Tenderer with seal)

Name:

Address :

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

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

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

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

DATE:

SIGNATURE WITH NAME AND SEAL

“ENT Instruments”
AIIMS, Raipur
FINANCIAL BID for SCHEDULE -B

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

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

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

DATE:

SIGNATURE WITH NAME AND

Sign of Bidder_____

SEAL “ENT Instruments”
AIIMS, Raipur
FINANCIAL BID for SCHEDULE -C

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

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

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

DATE:

SIGNATURE WITH NAME AND SE

Sign of Bidder_____

**“ENT Instruments”
AIIMS, Raipur
FINANCIAL BID for SCHEDULE -D**

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

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

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

DATE:

SIGNATURE WITH NAME AND SEAL

Sign of Bidder_____

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

(RATES SHOULD BE QUOTED IN INDIAN RUPEES ONLY)

Sr No	SM E Co de 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 ENT 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:

“ENT Instruments”
AIIMS, Raipur
Terms & Conditions

(A) Information and Conditions relating to Submission of Bids

1. The tender document containing eligibility criteria, scope of work, terms & conditions and draft agreement can be downloaded from website www.aiimsraipur.edu.in. Those who download the tender document from Website should enclose a Demand Draft/Pay Order for Rs 5000/- (Rupees Five thousand only) in favour of “AIIMS, Raipur”, payable at Raipur, not later the date of **23-10-2013**, along with their bid in the Cover-I containing “Technical Bid”.
2. The interested firms/suppliers are required to submit the Technical and Financial Bids separately in the format enclosed. The bids in sealed Cover-I containing “Technical Bid” and sealed Cover-II “Financial Bid Schedule A”, sealed Cover-III “Financial Bid Schedule B”, sealed Cover-IV “Financial Bid Schedule C” and sealed Cover-V “Financial Bid Schedule D”, respectively should be placed in a separate sealed covers super scribed “Tender for Purchase of “ENT Instruments” should reach AIIMS, Raipur by or before 03.00 PM on **23-10-2013**. The Technical bids shall be opened on same day at 03.00 PM at AIIMS, Raipur in presence of the bidders or their authorized representatives who choose to remain present. The Tender received after due date & time will be rejected and no claim shall be entertained whatsoever may be the reason.
3. The bidders are required to submit their query in writing before **07/10/2013** to DDA, AIIMS Raipur, if any.
4. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory. In case the Authorized signatory signs the tenders, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.
5. All entries in the tender form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached. No overwriting or cutting is permitted in the Technical Bid as well as Financial Bid unless authenticated by full signature of bidder. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates

should be filed up carefully by the tenderer. All Corrections in this schedule must be duly attested by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

6. The bidder shall pay an amount of Rs. 9,000/- as Bid Security (EMD) for Schedule-A, amount of Rs. 1,80,000/- as Bid Security (EMD) for Schedule-B, amount of Rs 39,000/- as Bid Security (EMD) for Schedule-C, and amount of Rs. 1,20,000/- as Bid Security (EMD) for Schedule-D along with the Technical Bid in the form of FDR/DD/BG in favour of “AIIMS, Raipur” drawn on any Nationalized Bank/ Scheduled Bank and payable at Raipur and must be valid for (6) six month. Bids received EMD shall stand rejected and thus shall not be considered for evaluation etc at any stage. The original EMD will be put in cover-I containing Technical bid.
 - a. The Public Sector Undertaking of the Central/State Govt. are exempted from furnishing Earnest Money along with tender.
 - b. The firms Registered with DGS & D/SSI and any approved source of Centre/States Govt. are not exempted from furnishing Earnest Money in so far as this institute is concerned.
 - c. Earnest Money deposited with AIIMS, Raipur in connection with any other tender enquiry even if for same/similar material / Stores by the tenderer will not be considered against this tender.
7. The bid security (EMD) without interest shall be returned to the unsuccessful bidders after finalization of contract.
8. The successful bidders has to constitute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) and also required to furnish the security deposit @ 10% of contract value in the form of FDR/DD/BG of any nationalised bank in favour of AIIMS, Raipur & payable at Raipur only. This deposit will be valid till 60 days beyond the completion of the warranty period. The EMD deposited by successful bidder may be adjusted towards Security Deposit as demanded above. If the successful bidder fails to furnish the full security deposit or difference amount between Security Deposit and EMD within 15 (fifteen) days after the issue of Letter of Award of Work, his bid security (EMD) shall be forfeited unless time extension has been granted by AIIMS, Raipur.
9. The EMD shall be forfeited if successful bidder fails to supply the goods/equipment in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.
10. The bid shall be valid and open for acceptance of the competent authority for a period of 180 (one hundred eighty) days from the date of opening of the

tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained

11. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.
12. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions and who has quoted the lowest rate as per financial bid after complying with the all the Acts / provisions stated / referred to for adherence in the tender.
13. The competent authority of AIIMS, Raipur reserved all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any term and condition of the tender enquiry after due discussion in pre bid conference. This will be communicated to all tenderers in writing. AIIMS, Raipur also reserves the right to reject any bid, which in his opinion is non-responsive, or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.
14. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.
15. Canvassing in any form is strictly prohibited and the tenderer who are found canvassing are liable to have their tenders rejected out rightly.

(B) OTHER TERMS & CONDITIONS OF THE TENDER

1. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, and postage and transportation charges at FOR AIIMS Raipur.
2. All the rates should be mention in Indian national currency (INR) only. The rates quoted in foreign currency will not be entertained in this tender enquiry & such tenders will be cancelled straightway.
3. Rates should be mentioned both in figures and in words. The offer should be typed or written in Ink Pen/ Ball Pen without any correction. Offers in pencil will be cancelled. Telegraphic/ Telex/ Fax offers will not be considered and cancelled straightway.
4. The tenderer can quote for either/both of the schedules mentioned in the bid. However the tenderer should quote for all the equipment in the particular schedule. If the tenderer is quoting both the Schedules it has to include separate financial bid for each schedule in a separate envelope labeled with the respective schedule on the envelope. If all the equipment in the schedule is not quoted that bid will be out rightly rejected.

5. The tenderers must quote for 5 years on site warranty from the date of completion of the satisfactory installation as certified by the stipulated committee. The Warranty charges **shall not** be quoted separately otherwise the offer shall be summarily rejected. Also the Bidders should submit their quote for subsequent 5 years on site AMC (without spare parts) / on site CMC (include free labour, repair, other services & spare parts). Failure to comply this condition will entail the rejection of the Bids. The price comparison shall be made taking into account on basic price and post warranty AMC / CMC. The Rate Contracting Authority reserves the right to award AMC / CMC. A.M.C. (without spare parts) shall be quoted for Equipment costing upto Rs.5.00 Lacs and C.M.C. (include free labour, repair, other services & spare parts) shall be quoted for Equipment costing above Rs.5.00 Lacs. So the price of AMC / CMC should be quoted according to the cost of equipment. The amount of AMC/ CMC would be released to the supplier on successful completion of the maintenance of that particular year duly certified by the user department.
6. The supplier shall submit a notarized affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that you have not quoted the price higher than previously supplied to any government Institute/Organization/reputed Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender, the Institute (the purchaser) would be given the benefit of lower rates by the Supplier. If such affidavit is not submitted, tender will be out rightly rejected.,
7. If the prices of the contracted articles is/ are controlled by the Government, in no circumstances the payment will be higher than the controlled rate.
8. Tender will be regarded as constituting an offer open to acceptance in whole or in part at the discretion of the competent authority of the institute for a period of 180 days (6 months) valid from the date of opening of the tender by the committee.
9. The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply. In such a case, bid security of the supplier shall stand forfeited.
10. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay.

The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged.

11. In case the tenderer on whom the supply order has been placed, fails to made supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Raipur) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and bid security deposit will be forfeited.
12. The Specification and quantity of the item needed is mentioned in Financial Bid but it is approximate detail and is subject to increase/decrease at the discretion of the competent authority of AIIMS, Raipur. The payment would be made for actual supply taken and no claim in this regard should be entertained.
13. Where the specifications are as per tenderer's range of product & tenderer's offer should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications as per given in Annexure - I.
14. It must be mentioned clearly whether tenderer is a manufacturer/sole distributor/sole agent for the items for which he is quoting.
 - a. Manufacturer must add a certificate that item(s) is manufactured by them as per range of products
 - b. Sole Manufacturers must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufactures that the Rates quoted are the same as they quote to other State/Centre Govt./reputed Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
 - c. Authorized agents must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals in proforma given in attach duly supported by a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- (Rupees ten only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be

mentioned in the authority letter otherwise tender will be liable to rejection.

15. The Tenderers should 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
16. The tenderers should submit along with the tender, a Photostat copy of the last Income Tax return and copy of current valid income tax clearance certificate (IT CC) otherwise tender may be ignored
17. In case asked, tenderer must personally supply a sample/give the demonstration of the Equipment/Instruments to the competent authority of the institute and in that case all the expenses will be borne by the supplier.
18. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender 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.
19. 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.
20. The Courts at Raipur/CG alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.
21. If at any time, any question, dispute or difference whatever shall arise between supplier and the institute (Purchaser) upon or in relation to or in connection with the agreement, either of the parties may give to the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred to two arbitrators one to be nominated by the institute (Purchaser) and the other to be nominated by the supplier. Such a notice of the existence of any question dispute or difference in connection with the agreement shall be served by either party within 60 days of the beginning of

such dispute failing which all Right sand claims under this Agreement shall be deemed to have been forfeited and absolutely barred. Before proceeding with the reference the arbitrators shall appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the Umpire Appointed by them shall enter upon the reference and his award shall be binding on the Parties. The venue of the arbitration shall be at Raipur, (Chhattisgarh, India). The arbitrators/Umpire shall give reasoned award.

22. The supplier should mention the compliance to the specification in the technical bid of the tender document failing this, the bid document will be disqualified.
23. Supply of equipment, goods and services should be completed within 6 weeks from the date of supply order unless otherwise specified in the supply order. Purchaser will place order by fax &/or e-mail &/or speed post
24. The Bidder shall provide on site warranty/guarantee of the equipment for the period of **five years from the date of installation**. Warranty will cover services, repairs, maintenance, replacement of spare parts, broken / damaged / worn out spare parts and other services free of cost during the whole warranty period of five years. The warranty shall also include “on call service” which should not exceed **24 hours from the time of lodging of complaint through e-mail**.

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

(Signature & Stamp of the bidder)

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

Annexure-I

SCHEDULE – A:

AUDIOLOGY INSTRUMENTS

1.TYMPANOMETER

Function

- Automatic tympanometry
- Automatic acoustic reflex (Ipsi/Contra)
- Automatic reflex threshold (Ipsi/Contra)
- Manual tympanometry
- Manual acoustic reflex (Ipsi/Contra)
- Reflex decay (Ipsi/Contra)
- Pure tone threshold (air conduction)
- Eustachian Tube Function
- Acoustic Reflex Latency
- Gelle's test

Probe tone:Frequency: 226Hz.

AT235h also: 678Hz, 800Hz, 1000Hz for traditional IYI-curve tympanometry. Level: 85 db SPL. Gain Control: AGC.

Air pressure

Control: Automatic.

Range: Default +200 to –400daPa (max. +300 to -600daPa).

Safety limitation: -800 daPa and +600 daPa.

Pressure change rate: Selectable in the set-up between 50, 150 and >250 daPa/s or automatic.

Compliance: Range: 0.1 to 6.0 ml (numerical: 0.1 to 8.0 ml).

Function

Automatic, where pump speed, start and stop pressure can be userprogrammed in the set-up.

AT235h: Auto and manual pump functions.5 dB

Approval / Certification – European CE /US FDA

Eustachian Tube Function

AT235: Function test for use when the eardrum is intact.

AT235h: Function tests for use with both intact and perforated eardrums.

Memory

Internal memory for two ears. Each ear: 6 Ipsi and 6 Contra recordings. Each may have up to 6 stimuli. Also, there is memory for additional manual reflex recordings. (Total max. 78 reflexes per ear).

Acoustic Reflex tests

- Automatic reflex: Two independent user selectable protocols. Series of fixed intensities available.
- Automated intensity search functions available for threshold search and reflex growth indication.
- Free mixing of Ipsi and Contra.
- Manual reflex: Manual control of all stimuli. May also be used to redo part of automated test results.
- Reflex decay: Manual control, with stimulus duration of 10 sec. Ipsi or contralateral stimulation.

Frequencies and intensity ranges

Ipsilateral: Intensity up to 110dBHL.

Frequency: 250, 500, 1000, 2000, 3000, 4000, WB, HP, LP noise

Contralateral: Intensity up to 120dBHL.

Frequency: 125 to 8000Hz, WB, LP, HP noise

Audiometry: Intensity from -10 to 120dBHL. Frequency from 125Hz to 8000Hz.

Attenuator

1dB or 5dB steps.

Audiometer Functions

Manual Audiometry.

Automatic Audiometry according to ISO 8253-1 (Patient controlled Hughson-Westlake).

Printer

Built-in fast thermal printer with paper width: 112 mm.

Included in the box

ATP-AT235u Universal probe system with shoulder strap and wrist strap

HBC39 Single contralateral headset

Power cable (110/220V, please specify)

BET55 Ear tips in box

TPR26 3 Rolls of recording paper

Operation manual CD

Multilingual CE - instructions for use

Optional PartsTDH39 Audiometric headset

EAR-Tone5A Insert phones for audiometry

Soft carrying bag

CIR33 contralateral insert phone

APS3 Response switch

CAT50 Calibration unit 0.2-0.5-2.0-5.0 ml

IES-2 Impedance ear simulator

OtoAccess™ Database

Diagnostic Suite for PC-integration (OtoAccess™ and Noah compatible)

Printer Option

AT235-xp is identical to the AT235 but has no built-in printer.

Suitable for installations where computer connection takes care of printing.

Impedance standard

IEC 60645-5/ANSI S3.39, Type 2.

Audiometer standard

IEC 60645-1/ANSI S.3.6, Type 4 Tone.

Safety standard

IEC 60601-1, Class I, Type B.

Consumption

15VA, max. 45VA.

Computer Integration

General computer requirements	1.2 GHz Pentium 4 class CPU 512 MB ram 4 GB available disk space CD-Rom drive USB slot
Display requirements	1024x768 resolution Hardware accelerated DirectX/Direct
Software requirements	Windows XP (SP3), Windows 7,8

Compatible laptop with a Pentium™ class processor at least 2.0 GHz.

With minimum Windows 7™ (64 bit) operating system.

For XP systems: at least 512 MB RAM and at least 20 GB hard drive.

For Vista systems: at least 1 GB RAM and at least 50 GB hard drive.

For Windows 7 systems: at least 2 GB RAM and at least 80 GB hard drive.
CD-ROM drive.

One available USB 2.0 port.

Recent version of Adobe Reader (for displaying the electronic manuals).

EN60950 (IEC950) compliant power supply.

SCHEDULE – B:

Schedule B Includes the following instruments and equipments

1. Endoscopy set with FESS instrument with light source and camera
2. Bronchoscopy Set
3. Esophagoscopy Set
4. Laryngoscopes, hypopharyngoscopes, tracheoscopes

1. Endoscopy set with FESS instrument with light source and camera

Item with Specification.	Qty
FESS INSTRUMENTS:	
Telescope 0° 4.0MM: Straight forward telescope, 0 degree enlarged view, size: 4.0 MM rod lenses system ,Length:18-19 cms, Autoclavable, Fiber optic light transmission incorporated.	02
Telescope 30° 4.0MM: Forward oblique 30 degree enlarged view, size: 4.0 MM rod lenses system ,Length:18- 19 cms, Auto clavable, Fiber optic light transmission incorporated.	01
Telescope 45° , 4.0MM: Straight Forward Telescope 45 degree enlarged view, size: 4.0mm rod lenses system ,Length:18-19 cms, Auto clavable, Fiber Optic Light Transmission Incorporated	01
Telescope 70° , 4.0MM: Straight Forward Telescope 70 degree enlarged view, size: 4.0mm rod lenses system ,Length:18-19 cms, Auto clavable, Fiber Optic Light Transmission Incorporated	01
Telescope 0° , 2.7MM: Straight Forward Telescope zero degree enlarged view, size: 2.7 mm rod lenses system ,Length:18-19 cms, Auto clavable, Fiber Optic Light Transmission Incorporated	01
Telescope 30° , 2.7MM: Straight Forward Telescope 30 degree enlarged view, size: 2.7 mm rod lenses system ,Length:18-19 cms, Auto clavable, Fiber Optic Light Transmission Incorporated	01
Telescope handle for 4mm telescope round as well as flat	02
BLAKESLEY rhinoforce nasal forceps. (Straight 13cms working length,) sizes 0, 1, 2, 3.	3 EACH

Item with Specification.	Qty
BLAKESLEYrhinoforce nasal forceps. (45° upturned 13cms working length) sizes 0 1 2	3 EACH
BLAKESLEYrhinoforce nasal forceps. (90° upturned 13cms working length) sizes 1 2 3	3 EACH
BLAKESLEYrhinoforce nasal forceps. (45° upturned , Handle in right horizontal position,13cms working length) Size 1	2
GRUNWALD – HENKE RHINOFORCE nasal forceps. (Straight,Through cutting, tissue sparing, BLAKESLEY shape ,working length 13 cm) Size 0- width 3mm 1- width 3.5mm 2- width 4mm	3 EACH
GRUNWALD – HENKE RHINOFORCE nasal forceps. (45 degree upturned, through cutting, tissue sparing, BLAKESLEY shape working length 13 cm) Size 0- width 3mm 1- width 3.5mm 2- width 4mm	3 each
Mackay-Grunwald rhinoforce nasal forceps. (Through cutting, tissue sparing, straight ,working length 13 cm) a) size 1, 8*3 mm b) size 2, 11.5 * 3.5 mm	3 each
Mackay-Grunwald rhinoforce nasal forceps. (Through cutting, tissue sparing, 45 degree upturned ,working length 13 cm) a) size 1, 8*3 mm b) size 2, 11.5 * 3.5 mm	3 each
STRUYCKEN RHINOFORCE nasal cutting forceps (working length 13 cm)	2
Stammberger RHINOFORCE antrum punch. a-upside- backward cutting, , length 10cms b- Right side, backward cutting, length 10cms c- Left side , backward cutting, length 10cms.	2 each
Stammberger RHINOFORCE antrum punch (backward cutting,0 degree rotatable with fixing screw , take apart sheath 3 , length 10cms , for use with cleaning adaptor)	2
Cleaning adaptor(for use with Stammberger RHINOFORCE antrum punch)	2
Stammberger RHINOFORCE antrum punch , small paediatric size,(backward cutting,0 degree rotatable with fixing screw , take apart sheath 3 , length 10cms , for use with cleaning adaptor)	2
Cleaning adaptor(for use with Stammberger RHINOFORCE antrum punchsmall paediatric size)	2
Stammberger antrum punch,(Right side, downward and forward cutting, length 10cms)	1
Stammberger antrum punch,(left side, downward and forward cutting, length 10cms)	1

Item with Specification.	Qty
RHINOFORCE nasal scissors (straight, length 13 cms)	2
RHINOFORCE nasal scissors (curved to right, length 13 cms)	2
RHINOFORCE nasal scissors (curved to left, length 13 cms)	2
Stammberger rhinoforce forceps (Cupped jaws, vertical opening 65° upturned, cupped jaws , diameter 3mm, working distance 12cms)	2
Stammberger rhinoforce forceps (Cupped jaws, horizontal opening 65° upturned, cupped jaws , diameter 3mm, working distance 12cms)	2
EICKEN antrum cannula. (LUER lock Long curved, length 11 cm) OD -2.5 mm OD-3mm OD-4mm	2 each
EICKEN antrum cannula. (LUER lock Long curved, length 15 cm) OD -2.5 mm OD-3mm OD-4mm	2 each
Frazier suction tube , (with mandrel & cut –off hole with distance markings at 5-9 cms, length 10 cms) 5 fr 7 fr 9 fr	8 each
Antrum curette , oblong , small, length 19 cm	2
KUHN – BOLGER frontal sinus curette (, oval , forward cutting , length 19 cm) - 55 degree curved -90 degree curved	2 each
KUHN frontal sinus seeker(double ended , one tip straight , one tip reverse angle, length 22 cm) - No -2 , both sides curved 90 degree No-6, both sides curved 77 degree	2 each
Sickle knife ,pointed , length 19 cm	4
Sickle knife , round , double- cutting	4
Plester sickle knife (double edged , slightly curved, length 16cm)	2
Freer elevator ,(double-ended , semi-sharp and blunt , length 20 cm)	5
STAMMBERGER punch , (circular cutting , working length 18 cm) - Diameter- 3.5mm - Diameter- 4.5mm	2 each
STAMMBERGER punch , (circular cutting , 65 degree upturned ,working length 17 cm) - Diameter- 3.5mm - Diameter- 4.5mm	2 each
STAMMBERGER punch , (egg shaped ,circular cutting , 90 degree cutting direction upturned , sheath 65 degree upturned ,working length 17 cm) - Diameter- 3.5mm - Diameter- 4.5mm	2 each
Cleaning adaptor(for use with Stammberger RHINOFORCE antrum punch)	2

Item with Specification.	Qty
Bipolar coagulation forceps, insulated angular, blunt with integrated suction channel, cut off hole length 19 cm	02
MICRODEBRIDER, consisting of main control unit with speed upto not less than 40000 rpm, inbult irrigation pump, forward & reverse cutting, Shaver hand piece with micromotor (speednot less than 40000 rpm), with integrated suction channel, mains cord, two-pedal footswitch, silicon tubing for irrigation. Handpiece, Suction shaver blades (straight cutting edge, rectangular/oblique cutting window, concave cutting edge, serrated cutting edge – 2 nos each), clip set and tubing set.	01
<p>. Full High Definition Three Chip Camera System:</p> <ol style="list-style-type: none"> 1. Camera control unit with 3 chip HD camera head having HD CCD chip of same aspect ratio of 16:9 2. Pure Digital signal with high definition video(1920*1080 P) with aspect ratio 16:9 with DVI-D, RGB, S-VHS video output. 3. Integrated Flexible Scope filter 4. Progressive scan technology 5. Brightness Control 6. Aperture Control 7. Automatic digital Image Enhancer 8. Should have integrated optical zoom lens 14-30mm, to increase and decrease the size of image which should remain in focusing zone, without readjusting the focus. 9. Should have Integrated Gain, shutter, Enhancement, white balance with brightness control. 10. Should have peripheral control on CCU for 11. Should have USB/Image Capture Module interface for direct storage of still & video sequences and to print the still images or complete external video recoding of medical grade should be provided. 12. The camera head should have integrated zoom and focus lens/rings to make it fully soakable. 13. Should be IEC 601-1, CE according to MDD. 	01
<p>High Resolution HDVideo medical grade Monitor:</p> <p>24” or 26”High Definition Medical grade Monitor, resolution 1920 X 1200 with DVI, RGB, input, option for wall mounting and desktop in same unit. Should have same aspect ratio of 16:9 or 16:10 of the endoscopic HD camera system. Fast response time:(5-12ms) Number of colors:16.8 million Luminance: 400cd / m2. Contrast ratio: 1000:1</p>	01

Item with Specification.	Qty
Vertical/Horizontal Viewing Angle:178 degree	
Xenon Light Source: Xenon light source of 175 Watts Should be able to produce color temperature of 6000 K Should have continuous manual adjustment of light output. Should have standby mode and automatic recovery of last setting of intensity of light. Should be able to display lamp life in digital form and should give visual indication for replacement of xenon lamp in case of lamp life of 500 Hrs is over. Should be certified IEC 601-1 and CE according to MDD.	01
Xenon spare lamp of 175 Watts suitable for Xenon light source	01
Fiber Optic Light Cable: Fiber Optic light cable of actual bundle size: 3.5-3.8mm, length : 250-275cm.	02
Video Trolley: Suitable Medical Grade video trolley to be supplied for mounting 26equipments having minimum three self in addition to with one drawer, with antistatic wheel casters, front lockable, high grade of electrical insulation and earth protection. 5 Ampere socket, 10Nos, inbuilt with trolley to connect all electronic devices. CO2 bottle stand should be integrated with trolley. Potential equalization connection to be provided at least 8 points. Preferably from OEM.	01
Sterlization/Disinfection Tray: Disinfection/Sterlization tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)	02
Suitable Autoclavable plastic tray double tray for sterilization and storage for hand instruments of minimum 20 hand instruments preferably from OEM.	02
UPS : Suitable UPS with One hour backup time with SMF Batteries & Stand. Should be able to work on wide input range between 160-270 VAC at 26frequency between 50Hz \pm 2Hz, Should use PWM technology with power conversion with single transformer arrangements with an output of 220VAC \pm 5%, protection of overload, short circuit and low battery. Should have indication on front panel for mains load/battery load/ battery overload-low and MCB protection in case of short circuit. ISI/CE approved good quality Indian make.	01

Environmental factors

1. 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.
2. The unit shall be capable of operating continuously in ambient temperature of 20-30 deg C and relative humidity of 15-90%

3. The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

Power Supply

4. Power input to be 220-240VAC, 50Hz fitted with Indian plug
5. UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up.

Standards, Safety and Training

1. Should be FDA, CE, UL or BIS approved product
2. Manufacturer should have ISO certification for quality standards.
3. Comprehensive training for lab staff and support services till familiarity with the system.
4. Comprehensive warranty for 2 years with no fault warranty in the first year and 5 years CMC after warranty including UPS.
5. Shall be certified to be meeting safety standard IEC 60601-2-18 part 2 Particular requirements for the safety of endoscopic equipment.
6. The core FESS equipments like Telescopes, Endovision Three chip HD camera, light source, Microdebrider Unit, hand instruments , fiber optic cable, Video monitor & should be from single manufacturer for system compatibility.

Documentation

1. User/Technical/Maintenance manuals to be supplied in English.
2. List of important spare parts and accessories with their part number and costing.
3. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet. Any point ,if not substantiated with authenticated catalogue/manual, will not be considered.
4. Certificate of calibration and inspection.
5. List of Equipments available for providing calibration and routine Preventive Maintenance Support. as per manufacturer documentation in service/technical manual.
6. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

2. Bronchoscopy Set

A. Technical Specification for the Instruments required for Rigid Bronchoscope Set for Adult for the Deptt. Of E.N.T.

The Technical Specification should be as follows:

Description	Qty.
Straight Forward Telescope 0°, diameter 4.5 mm, length 50 cm, autoclavable. Fiber optic light transmission incorporated,	ONE
Bronchoscope Tube Universal, without distal fiber optic light carrier, for use with proximally insertable prismatic light deflector and plugs length 43 cm, size 8.5	ONE
Bronchoscope Tube Universal, without distal fiber optic light carrier, for use with proximally insertable prismatic light deflector and plugs length 43 cm, size 7.5	ONE
Bronchoscope Tube Universal, without distal fiber light carrier, for use with proximally insertable prismatic light deflector and plugs length 43 cm, size 6.5	ONE
Prismatic Light Deflector with connection for fiber optic light cable.	ONE
Glass Window Plug	ONE
Rubber Telescope Guide	ONE
Adaptor with sliding glass window plug, sealing cap, notched lens and keyhole opening, movable, for use with Full Lumen Tracheoscopes and Bronchoscopes	ONE
Injection Cannula for positive pressure assisted ventilation system, O.D. 3.5 mm for use with bronchoscopes and tracheoscopes with LUER-lock female fitting	ONE
Tube Guide, for Bronchoscope	ONE
Adaptor from bronchoscope to any type of pediatric respiration equipment.	ONE

Plug for Ventilation Attachment of Bronchoscopes	ONE
Bronchoscopic Forceps, circular cup, biopsy, malleable, double action jaws, diameter: 2.5 mm, working length 50 cm	TWO
Bronchoscopic Forceps, universal biopsy and grasping, double action jaws, diameter: 2.5 mm, working length 50 cm	TWO
Bronchoscopic and Esophagoscopic Forceps, universal biopsy and grasping, double action jaws, diameter: 2.0 mm, working length 35 cm	TWO
Bronchoscopic and Esophagoscopic Forceps, alligator, grasping, double action jaws, diameter 2.0 mm, working length 35 cm	TWO
Bronchoscopic Forceps, alligator, grasping, double action jaws, diameter: 2.0 mm, working length 45 cm	TWO
Bronchoscopic Forceps, universal, biopsy and grasping, double action jaws, diameter: 2.0 mm, working length 45 cm	TWO
Rigid Suction Tube, working length 35 cm	TWO
Suction Tube for Bronchoscopy, O.D. 2,5 mm working length 50 cm	TWO

B. Technical Specification for the Instruments required for Pediatric Bronchoscope for the Deptt. Of E.N.T

The Technical Specification should be as follows:

Straight Forward Tele- scope 0°, diameter 2.9 mm, working length 36 cm, auto- clavable. Fiber optic light transmission incorporated.	ONE
Bronchoscope, length 30 cm, size 6	ONE
Bronchoscope, length 30 cm, size 4.5	ONE
Bronchoscope, length 30 cm, size 3.5	ONE
Bronchoscope, length 26 cm, size 3	ONE
Optical Alligator Forceps for Pediatric Broncho-Esophagoscopes, for use with telescope forced controlled handle for removal of hard foreign bodies	TWO
Optical Forceps for Pediatric	ONE

Broncho-Esophagoscoes, with bean jaes, for use with telescope forced controlled handle for removal of peanuts and soft foreign bodies	ONE
Optical Forceps, for use with telescope for biopsy.	ONE
Optical Pediatric Scissors, for use with telescope and Broncho-Esophagoscopes, length 30, 26 and 20 cm, sizes 6 - 3.5	ONE
Optical Forceps for use with telescope Universal, biopsy and grasping.	ONE
Rubber Telescope Guide for use with telescopes or optical for- ceps	ONE
Adaptor with sliding glass window plug, sealing cap, notched lens and keyhole opening, moveable.	ONE
Guiding Piece, short, for suction catheter for children and suckling bronchoscope	ONE
Adaptor from bronchoscope to any type of pediatric respiration equipment.	ONE
Plug for Ventilation Attachment of Bronchoscopes	ONE
Injection Cannula for possitive pressure assisted ventilation system,O.D. 2.7 mm, for use with bronchoscopes and tracheoscopes with LUR-lock female fitting	ONE

C Technical Specification for the Instruments required for Neonate Bronchoscope for the Deptt. of E.N.T

The Technical Specification should be as follows:

Bronchoscope, length 18,5 cm, size 2.5	ONE
Straight Forward Telescopes 0 °, diameter 1.9/ 2.1 mm, length 18 cm, auto- clavable, fiber optik light transmission incorporated,	ONE
Telescope Bridge	ONE
Injection Cannula	ONE
Adaptor from bronchoscope to any type of pediatric respiration equipment.	ONE
Plug for Ventilation Attachment of Bronchoscopes	ONE

Injection Cannula for possitive pressure assisted ventilation system,O.D. 2.7 mm, for use with bronchoscopes and tracheoscopes, with LUR-lock female fitting	ONE
Bronchoscope Forceps alligator, single action jaws, TWO semi-flexible diameter 1 mm	
Suction Catheter, 7 Fr., with adaptor	ONE
Suction Catheter, 6 Fr., with adaptor	ONE
Suction Catheter, 5 Fr., with adaptor, for use with bronchoscope tube size 6.5	ONE
Irrigator and Aspirator,	ONE
Atomizer with bulb. Length: 40 cm	ONE

3. Specifications for Rigid Esophagoscopy Set

(One Set Only)

- **ROBERTS-JESBERG Esophagoscope**, oval, size 12 x 16, length 30 cm
- **ROBERTS-JESBERG Esophagoscope**, oval, size 10 x 14, length 30 cm
- **ROBERTS-JESBERG Esophagoscope**, oval, size 8 x 12, length 30 cm
- **ROBERTS-JESBERG Esophagoscope**, oval, size 7 x 9, length 30 cm
- **Prismatic Light Deflector**, autoclavable, with connection to fiber optic light cable
- **Suction Tube**, diameter 4 mm, working length 35 cm
- **Suction Tube**, diameter 2 mm, working length 35 cm
- **Suction Tube**, diameter 3 mm, working length 35 cm
- **Suction Tube**, diameter 4 mm, working length 60 cm
- **Suction Tube**, diameter 4 mm, working length 55 cm
- **Suction Tube**, diameter 4 mm, working length 45 cm
- **Suction Tube**, diameter 2 mm, working length 25 cm
- **Suction Tube**, with cut-off hole, diameter 3 mm, working length 45 cm
- **Suction Tube**, with cut-off hole, diameter 3 mm, working length 35 cm
- **Suction Tube**, with cut-off hole, diameter 5.5 mm, working length 35 cm
- **Suction Tube**, with cut-off hole, diameter 2 mm, working length 30 cm
- **Suction Tube**, with cut-off hole, diameter 3 mm, working length 30 cm
- **Suction Tube**, with rubber tip, straight, diameter 4 mm, working length 55 cm
- **Suction Tube**, with rubber tip, straight, diameter 4 mm, working length 45 cm
- **Suction Tube**, with rubber tip, straight, diameter 2 mm, working length 45 cm
- **Suction Tube**, with rubber tip, straight, diameter 2 mm, working length 35 cm
- **Suction Tube**, curved, with rubber tip, diameter 4 mm, working length 45 cm
- **Suction Tube**, with rubber tip, curved, diameter 2 mm, working length 35 cm

- **Coagulating Suction Tube**, insulated, with connector pin for unipolar coagulation, diameter 4 mm, working length 55 cm
- **Coagulating Suction Tube**, insulated, with connector pin for unipolar coagulation, diameter 3 mm, working length 35 cm
- **Cotton Carrier**, working length 60 cm
- **Cotton Carrier**, working length 55 cm
- **Cotton Applicator**, working length 35 cm
- **Sponge Holder**, working length 35 cm
- **Sponge Holder**, with spring handle, working length 55 cm
- **Sponge Holder**, with spring handle, working length 35 cm

4. Specifications for Advanced Laryngoscope Instrument Set

<u>SNO</u>	<u>Item With Spec</u>	<u>Quantity</u>
1.	Lindholm operating laryngoscope, length 15cm, with fiber optic light carrier	01
2.	Benjamin Slimline operating laryngoscope & subglottiscope for adults, length 17cm.	01
3.	Rudert Anterior commissure laryngoscope, medium, universal size, triangular spatula shaped, length 17cm, with fiber optic light carrier, length 16cm.	01
4.	Kleinsasser operating laryngoscope. For anterior commissure, length 18cm, with fiber optic light carrier	01
5.	Kleinsasser operating laryngoscope, medium, length 17cm.	01
6.	Kleinsasser operating laryngoscope, length 18cm, for anterior commissure, with fiber optic light carrier.	01
7.	Kleinsasser operating laryngoscope, length 17cm.	01
8.	Laryngoscope holder & chest support, rod with metal ring diameter 9cm, length 34cm.	02
9.	Benjamin –parson laryngoscope holder & chest support	02
10.	Extension for enlargement of opening angle of support rod for overweight patients.	02
11.	Clip for proximal illumination.	02
12.	Probe, straight, diameter 1mm.	02
13.	Probe, angled 45°.	02
14.	Sickle knife, curved, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
15.	Sickle knife, straight cutting, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
16.	Lancet knife, straight, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
17.	Needle straight, sharp, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
18.	Hook 90°, 1mm, sharp, delicate, 3 to 1mm tapered shaft, total length 23cm.	02

19.	Hook 90°, 2mm, sharp, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
20.	Dissector, straight, ball end, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
21.	Elevator, slightly curved, blunt, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
22.	Elevator, slightly curved, sharp tip, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
23.	Elevator, 15° angled, sharp tip, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
24.	Curette, oval spoon, straight, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
25.	Curette, oval spoon, 35° angled, delicate, 3 to 1mm tapered shaft, total length 23cm.	02
26.	Universal handle, forceps shape, with 2 handle rings, length 23cm.	02
27.	Suction elevator, angular, with grip plate and cut off hole, working length 21cm, total length 23cm.	02
28.	Suction elevator, curved to right, with grip plate and cut off hole, working length 21cm, total length 23cm.	02
29.	Fehland needle holder, angled 90° to right, working length 20cm.	02
30.	Fehland needle holder, angled 90° to left, working length 20cm.	02
31.	Kleinsasser needle holder, straight, working length 20cm.	02
32.	Micro forceps, straight, with 1mm cupped jaws, working length 20cm.	02
33.	Micro forceps, curved upwards, with 1mm cupped jaws, working length 20cm.	02
34.	Micro forceps, curved to right, with 1mm cupped jaws, working length 20cm.	02
35.	Micro forceps, curved to left, with 1mm cupped jaws, working length 20cm.	02
36.	Micro Grasping forceps, straight, serrated, working length 20cm.	02
37.	Micro Grasping forceps, curved upwards, serrated, working length 20cm.	02
38.	Micro Grasping forceps, curved to right, serrated, working length 20cm.	02
39.	Micro Grasping forceps, curved to left, serrated, working length 20cm.	02
40.	Shapsay-Peretti Micro grasping forceps, curved upwards to right, working length 20cm.	02
41.	Shapsay-Peretti Micro grasping forceps, curved upwards to left, working length 20cm.	02
42.	Micro scissors, straight, working length 20cm.	02
43.	Micro scissors, curved upwards, working length 20cm.	02

44.	Micro scissors, curved to right, working length 20cm.	02
45.	Micro scissors, curved to left, working length 20cm.	02
46.	Micro grasping forceps, straight, hollowed jaws, serrated tips, opens horizontally to right, working length 20cm.	02
47.	Micro alligator forceps, both jaws open vertically, with suction channel to remove laser vapors, working length 20cm.	02
48.	Suction tube with cut off hole, tip with central opening, outer diameter 1mm.	02
49.	Suction tube with cut off hole, tip with central opening, outer diameter 1.5mm.	02
50.	Suction tube with cut off hole, tip with central opening, outer diameter 2mm.	02
51.	Kleinsasser suction tube, outer diameter 2mm.	02
52.	Kleinsasser suction tube, outer diameter 2.5mm.	02
53.	Kleinsasser suction tube, outer diameter 3mm.	02
54.	Wire tray for cleaning, sterilization and storage	02

SCHEDULE C:

Schedule C Includes the following instruments and equipments

1. Otology microinstrument
 2. Nasal surgery instruments
 3. General throat instruments
 4. Light Source with Cable and Head Band
-
1. Should be European CE / USFDA certified and must enclose the certificate
 2. The instruments must be ISO/ EN ISO/BS-EN-ISO or of equivalent certification and copy to be enclosed
 3. All the instruments should have been designed according to the guidelines/standards as specified by national/international recognized organizations dedicated for the purpose of quality control of the equipments through research and development.
 4. All the instruments should be quoted along with autoclavable/sterilisable containers/trays which meets international standards and approved for steam sterilisation procedures to EN 285:2006+A1: 2008 and validated HCTP ISO 17665 part 1:2006. The standards mentioned herewith are the minimum required or equivalent of the same.

5. The sterilization containers should offer superior filtration efficiency of more than 99% and its preferable to have an indicator to show whether the instruments inside are sterile or unsterile.
6. Sterilization container and instruments should be preferably of the same parent company.
7. It is preferable to have reusable microbial barriers instead of disposable filters. The microbial barriers should be easy to remove and clean. It should have lateral flow ducts at the top for flow of air.
8. The instruments should remain sterile in the container and the container should be capable of being brought into the operation room without any essential packaging.
9. It should also consist of tray and silicon matt (for micro instruments).

1 Otology instruments

S.NO	INSTRUMENT	Specifications	QUANT ITY
1	Buck Ear Curette, Angled, Sharp	<ul style="list-style-type: none"> • Overall length 145 mm (5.7") Size <u>1.0 mm, Size 0</u> <u>1.5 mm, Size 0</u> <u>2.0 mm, Size 1</u> <u>2.5 mm, Size 2</u> <u>3.0 mm, Size</u> 	1 set
2	Buck Ear Curette, Straight, Sharp	<ul style="list-style-type: none"> • Overall length 145 mm (5.7") Size <u>1.0 mm, Size 0</u> <u>1.5 mm, Size 0</u> <u>2.0 mm, Size 1</u> <u>2.5 mm, Size 2</u> <u>3.0 mm, Size</u> 	1 set
3	Alligator Forceps, Very Fine, Panther	<ul style="list-style-type: none"> • Working length 82 mm (3.2") Specs <u>3.0 mm Serrated Jaws</u> <u>4.0 mm Serrated Jaws</u> 	1 set
4	Alligator Forceps, Miniature, Smooth Jaws	<ul style="list-style-type: none"> Working length 75 mm (3") Specs <u>4.5 mm Smooth Jaws</u> 	1 set
5	Alligator Forceps, Very Fine	<ul style="list-style-type: none"> Working length 82 mm (3.2") Specs <u>4.0 mm Straight Jaws</u> <u>6.0 mm Straight Jaws</u> 	1

S.NO	INSTRUMENT	Specifications	QUANT ITY
6	Bellucci Alligator Forceps, Delicate	<ul style="list-style-type: none"> • Working length 81 mm (3.2") • Angled serrations Specs <u>8 mm Jaws</u>	1 set
7	Heavy Elevator	Overall length 196 mm Specs 6.5 mm curved tip	1
8	Lempert Elevator	Overall length 184 mm Specs <u>7 mm curved Tip</u>	1
9	Dean Periosteotome	<u>Overall length 158 mm</u>	1
10	Corgill-Hartman Ear Forceps	Overall length 178 mm (7") Specs <u>2 x 3 mm Jaws</u>	1
11	Duckbill Ear Forceps	<ul style="list-style-type: none"> • Working length 87 mm (3.4") • 8 mm jaws (6 mm serrated) Specs <u>2.0 mm, Flat</u>	1
12	Ear Cup Forceps, Delicate	Working length 75 mm (3") Specs <u>0.75 mm Cups</u>	1
13	Ear Cup Forceps, Extra Long	<ul style="list-style-type: none"> • Working length 135 mm (5.3") Specs Qty Straight, 1 mm Cups Curved Left, 1 mm Cups Curved Right,	1
14	Hartman-Herzfeld Ear Forceps	Working length 87 mm (3.4") Specs Qty 2.0 mm Cups 3.0 mm Cups 2.0 mm Upward-Biting Cups	1 set
15	House Wellston Miniature Ear Cup Forceps, Very Fine	Working length 82 mm (3.2") <ul style="list-style-type: none"> • 0.6 mm x 1.2 mm cups Specs Qty Straight Angled Left Angled Right Angled Up	1 set
16	Tobey Ear Forceps, Delicate	Specs 2.0 x 4.0 mm Jaws	1
17	Prosthesis Grasping Forceps	Channel of jaw holds all 0.6 mm diameter-shaft totals	2
18	Allport Incus Hook, 5.5 mm	Specs Angled 90°	1
19	Gross Ear Hook and Spoon	Specs 3.0 mm x 7.5 mm Spoon, 3.0 mm 85° Hook	2

S.NO	INSTRUMENT	Specifications	QUANT ITY
20	Sheehy Ossicle Holding Clamp	Overall length 118 mm (4.6") Specs 4.0 mm Wide Jaws 1.5 mm Deep Groove	1 set
21	Derlacki Ossicle Holding Clamp	• Overall length 124 mm (4.9") Specs 1 mm Teeth, 1.5 x 5.0 mm Vertical Groove 1.5 x 2.0 mm Horizontal Groove	1
22	Arachnoid Knife		1
23	Myringotomy Knife	• Overall length 165 mm (6.5") Specs 8.0 mm Straight Blade 10.0 mm Curved Blade	1 set
24	Auto Skin Retractor, Cross Action	Overall length 102 mm (4") Specs 4 x 4 Blunt Prongs 4 x 4 Sharp Prongs	1 set
25	Bellucci-Wullstein Retractor	• Overall length 127 mm (5") Specs Two 13 mm Blunt Prongs, Right 1 Solid 10 x 20 mm Blade, Left, 45 mm Spread Two 13 mm Blunt Prongs, Left 1 Solid 10 x 20 mm Blade, Right, 45 mm Spread	1 set
26	House Retractor	• Overall length 165 mm (6.5") • Maximum spread 80 mm (3.1") • 180° arm rotation Specs Left Right	1 set
27	Paparella-Weitlaner Retractor	• Overall length 136 mm (5.4") Specs 2 x 2 Semi-Sharp 13 mm Prongs 33 mm Spread	1
28	Mini Friedman Rongeur	• Overall length 127 mm (5") Specs 1.2 x 5 mm Straight Jaws 1 1.5 x 5 mm Curved Jaws	1 set

S.NO	INSTRUMENT	Specifications	QUANT ITY
29	KerrisonRongeur	<ul style="list-style-type: none"> • Working length 100 mm (3.9") • 4 mm footplate, angled 90° up Specs No. 0, 3.5 mm Bite No. 1, 4 mm Bite 1 No. 2, 4.5 mm Bite No. 3, 5 mm Bite	1 set
30	Wullstein-Weitlaner Retractor	<ul style="list-style-type: none"> • Working length 114 mm (4.5") Specs 3 x 3 Sharp 12 mm Prongs 35 mm Spread, Overall Length 108 mm (4.3") 3 x 3 Semi-Sharp 13 mm Prongs, 1 35 mm Spread, Overall Length 133 mm (5.2")	1 set
31	Bellucci Scissors, Very Fine	<ul style="list-style-type: none"> • Working length 82 mm (3.2") Specs 4.5 mm Blades, Straight	1
32	Ear Scissors, Black Finish	<ul style="list-style-type: none"> • Working length 70 mm (2.8") Specs 3.0 mm Blades, Straight	1
33	Allport Incus Hook, 5.5 mm	Specs Angled 90°	1
34	Gross Ear Hook and Spoon	Specs 3.0 mm x 7.5 mm Spoon 3.0 mm 85° Hook	1
35	Sheehy Ossicle Holding Clamp	<ul style="list-style-type: none"> • Overall length 118 mm (4.6") Specs 4.0 mm Wide Jaws 1.5 mm Deep Groove	1
36	Derlacki Ossicle Holding Clamp	<ul style="list-style-type: none"> • Overall length 124 mm (4.9") Specs 1 mm Teeth, 1.5 x 5.0 mm Vertical Groove 1.5 x 2.0 mm Horizontal Groove	1
37	Prosthesis Cutting Scissors	<ul style="list-style-type: none"> • Special scissors designed for trimming the Polycel® or flouroplastic shaft of total prostheses • Notch in scissors jaw evenly trims the 0.6 mm diameter-shaft totals 	1
38	Shea Vein Graft Scissors	<ul style="list-style-type: none"> • Overall length 121 mm (4.8") Specs Blunt Tips, Hollow Distal Ends	1

S.NO	INSTRUMENT	Specifications	QUANTITY
39	Farrior Speculum, Oval	Size Set of 7 1 <i>Set Includes:</i> Size 1 (4.5 x 5.5 mm) Size 2 (5.5 x 6.5 mm) Size 3 (6.5 x 7.5 mm) Size 4 (7.5 x 8.5 mm) Size 5 (8 x 10 mm) Size 6 (9 x 11.0 mm) Size 7 (10 x 12.0 mm)	1 set
40	Farrior Speculum, Oval Oblique	Size Set of 7 1 <i>Set Includes:</i> Size 1 (5 x 6 mm) Size 2 (6 x 7 mm) Size 3 (7 x 8 mm) Size 4 (8 x 10 mm) Size 5 (9 x 11 mm) Size 6 (10 x 12 mm) Size 7 (11 x 13 mm)	1set
41	Gruber Speculum, Round	Size Set of 3 1 <i>Set Includes:</i> 3 mm Diameter, 40 mm Length 4 mm Diameter, 40 mm Length 5 mm Diameter, 40 mm Length 3.3 mm Diameter, 35 mm Length 2.6 mm Diameter, 35 mm Length	1 set
42	Gruber Speculum, Oval	Size Set of 3 1 <i>Set Includes:</i> 2.4 x 3.2 mm Diameter, 33.5 mm Length 3.2 x 4.7 mm Diameter, 35.5 mm Length 4.0 x 5.5 mm Diameter, 37.5 mm Length 4 x 5 mm Diameter, 41 mm Length 3.5 x 4 mm Diameter, 41 mm Length	1 set
43	Disposable Suction Needles	<ul style="list-style-type: none"> • Includes plastic luer adapter without bypass • MicroLite thin wall increases bore size for 20 percent greater volumetric flow rate • Suction handle with bypass (1358270) may be used • Easily bent to any desired angle 	4 set

S.NO	INSTRUMENT	Specifications	QUANT ITY
		<ul style="list-style-type: none"> • Sterile, single use Specs 14 Gauge, Red 20 Gauge, Green 16 Gauge, Yellow 22 Gauge, Clear 18 Gauge, Black 24 Gauge, Blue	
44	Barnes Suction Tube	<ul style="list-style-type: none"> • Thumb plate cutoff Specs 4 French, 1.5 mm Diameter 5 French, 1.7 mm Diameter 6 French, 2.0 mm Diameter 9 French, 3.0 mm Diameter	4 sets
45	Baron Suction Tube	<ul style="list-style-type: none"> • Working length 75 mm (3") • Overall length 130 mm (5.1") • Thumb plate cutoff • Stylette included Specs Regular, 3 French Regular, 5 French Regular, 7 French	4sets
46	ENT Ear Speculum, Oval Oblique, Black	Size Set of 11 1 <i>Set Includes:</i> Size 1 (3 x 4 mm) Size 2 (3.5 x 4.5 mm) Size 3 (4 x 5 mm) Size 4 (4.5 x 5.5 mm) Size 5 (5 x 6 mm) Size 6 (5.5 x 6.5 mm) Size 7 (6 x 7 mm) Size 8 (6.5 x 7.5 mm) Size 9 (7 x 8 mm) Size 10 (7.5 x 8.5 mm) Size 11 (8 x 9 mm)	2 sets
47	Universal Speculum Holder	<ul style="list-style-type: none"> • Hands-free speculum holder • Designed to hold specula of varying sizes (speculum not included) • Holder stem fits into operating table sliding bar clamp • Completely adjustable and flexible until locked in semi-rigid position Qty	2 sets

S.NO	INSTRUMENT	Specifications	QUANT ITY
		Universal Speculum Holder Set 1 <i>Set</i> <i>Includes:</i> Universal Flexible Arm Table Bracket Blade Quik-Lock Speculum Mount	
48	Frazier Suction Tube	<ul style="list-style-type: none"> • Working length 102 mm (4") • Stylette included Size 6 French 7 French 8 French 9 French 10 French 11 French 12 French 14 French Replacement Stylette	2 sets
49	Guilford-Wright Suction Tube	<ul style="list-style-type: none"> • Working length 75 mm (3") • Overall length 105 mm (4.1") • Stylette included Size 20 Gauge 22 Gauge 24 Gauge	2 sets
50	House Cutoff Suction Adapter	<ul style="list-style-type: none"> • Fits Guilford-Wright Suction Tube Size 50 mm (2")	4
51	Bellucci Suction Tube	<ul style="list-style-type: none"> • Thumb plate with cutoff hole Specs Bellucci Suction Tube and 3 Tips: 18, 20, 22 18 Gauge Tip Only 20 Gauge Tip Only 22 Gauge Tip Only 24 Gauge Tip Only Suction Tube Only, Overall Length 150 mm (5.9")	1 set
52	Brackman Suction Tube	<ul style="list-style-type: none"> • Working length 75 mm (3") • Overall length 114 mm (4.5") • Thumb plate with cutoff hole • Tip with offset holes Specs 5 French 7 French	1 set

S.NO	INSTRUMENT	Specifications	QUANTITY
53	Rosen Suction Tube	<ul style="list-style-type: none"> Working length 60 mm (2.4") Size 14 Gauge 15 Gauge 16 Gauge 17 Gauge 18 Gauge 19 Gauge 20 Gauge 22 Gauge 24 Gauge 25 Gauge 	1 set
54	House Gelfoam® Press	<ul style="list-style-type: none"> 16 x 12 mm plates Specs Overall Length 191 mm (7.5") Overall Length 127 mm (5") 	1 set
55	Tuning Fork	<ul style="list-style-type: none"> Overall length 87 mm (3.4") Specs C128, with Weights C256, with Weights C512, without Weights C1024, without Weights C2048, without Weights 	2 set
56	Ear Syringe, Metal	<ul style="list-style-type: none"> Removable caps Size 50cc (1.5 oz.) 100cc (3oz.) 	2
57	Goode T-Tube Forceps	<ul style="list-style-type: none"> Overall length 87 mm (3.4") 	2
58	House Cutting Block	<ul style="list-style-type: none"> Autoclavable Qty 73 mm x 37 mm x 8 mm 	2
58	Pick	<ul style="list-style-type: none"> Overall length 162 mm (6.4") Specs <ul style="list-style-type: none"> 1 mm Long Sharp Point, Angled 25° 1 mm Long Sharp Point, Angled 45° 1 mm Long Sharp Point, Angled 90° 	1 set
60	Sickle Knife	<ul style="list-style-type: none"> Overall length 160 mm (6.3") Specs 3 mm Curved Blade 	2

S.NO	INSTRUMENT	Specifications	QUANT ITY
61	Chisel	Specs 0.6 mm Straight Tip	2
62	Footplate Elevator	Specs 0.40 mm Tip, Angled 90°	1
63	Footplate Hook	• Angled 90° Specs 0.33 mm Long Point 0.50 mm Long Point	1 set
64	Strut Caliper and Measuring Gauge	• Overall length 163 mm (6.4") Specs First Prong - 3.5 mm, Groove - 4 mm Second Prong - 4.5 mm	2
65	Duckbill Knife Elevator	Specs 2 mm Wide Curved Tip	1
66	Right Angle Knife Elevator	Specs 2 mm Diameter, Round, Angled 90°	1
67	Knife	Specs 0.5 mm Blade, Angled	2
68	Attic Dissector	• Overall length 87 mm (3.4") Specs 5 mm Flat Tip, Angled 90°	1
69	Excavator	• 0.75 mm wide tip Specs Angled Left Angled Right	1
70	Needle(163 mm)	• Overall length 163 mm (6.4") Specs Slightly Curved Tip	1
71	Whirlybird Knife	• Overall length 155 mm (6.1") Specs 1 mm x 5 mm, Strongly Curved Tip Offset Right, No. 1 1 mm x 5 mm, Strongly Curved Tip Offset Left, No. 2 0.75 mm x 5 mm, Lightly Curved Tip Offset Right, No. 3 0.75 mm x 5 mm, Lightly Curved Tip Offset Left, No. 4	1 each

S.NO	INSTRUMENT	Specifications	QUANT ITY
72	Needle(165mm)	• Overall length 165 mm (6.5") Specs Straight Tip, Sharp Point	1
73	Stapedectomy Pick	• 0.33 mm tip Specs Angled 45° Angled 90°	1 set
74	Footplate Pick	• Overall length 150 mm (5.9") • Slightly curved tip Specs Heavy Fine	1 set
75	Hough Excavator, Angled Shaft	• 0.5 mm tip Specs Tip Angled 45° Tip Angled 90°	1 set
76	Duckbill Elevator	Specs 3 mm Wide Tip 2 mm Wide Tip	1 set
77	Drum Elevator	Specs 2 mm Wide Tip, 15 mm from Angle to Tip	1 set
78	Footplate Pick	Specs Tip Angled 45° Tip Angled 90°	1 set
79	Flap Knife	Specs 2 mm x 5 mm Blade	2
80	Sickle Knife	• Overall length 155 mm (6.1") Specs Curved 5 mm Double-Edge Blade	2
81	Stapes Pick	• Overall length 165 mm (6.5") Specs 1 mm Blunt Tip, Angled 90°	1
82	Barbara Pick	Specs Straight Point, Malleable Shaft	1
83	Curette, Double-Ended	Specs 1.0 mm and 1.5 mm Cups, Light	1 set

S.NO	INSTRUMENT	Specifications	QUANT ITY
		Angle 1.0 mm and 1.5 mm Cups, Strong Angle 2.0 mm and 2.5 mm Cups, Light Angle 2.0 mm and 2.5 mm Cups, Strong Angle	
84	Crabtree Dissector	<ul style="list-style-type: none"> Angled 90° Specs Large 0.5 mm Wide x 2.5 mm Long Flattened Tip Small 0.5 mm Wide x 1.5 mm Long Flattened Tip	1
85	Elevator (“Gimmick”)	Specs 1 mm x 12 mm Tip, Angled 15°	1
86	Footplate Chisel	Specs Straight 0.6 mm Tip	1
87	Hook	<ul style="list-style-type: none"> Overall length 165 mm (6.5”) 1.0 mm rounded dull tip, angled 90° Specs Shaft Angled Left Shaft Angled Right	1 set
88	House Excavator	Specs 5 0.33 mm Tip, Angled 90°	1
89	Curette(serrated)	<ul style="list-style-type: none"> Overall length 143 mm (5.6”) Specs Serrated 2.25 mm x 3 mm Cup, Angled 35°	1
90	Knife(2mm)	Specs 2 mm Diameter Blade, Angled	1
91	Tendon Knife	Specs 4 mm Blade	2
92	Drum Scraper	Specs 1.0 mm Point, Angled 45° 2.5 mm Tip, Angled 60°	1set

S.NO	INSTRUMENT	Specifications	QUANT ITY
93	Stapedial Footplate Auger	<ul style="list-style-type: none"> • 15 mm fluted length Specs 0.8 mm Diameter Drill 0.6 mm Diameter Drill	1 set
94	Pick (angled90)	Specs 0.6 mm Tip, Angled 90°	1
95	Pick, Heavy Shaft	Product Specs Qty 1.0 mm Point, Angled 90° 1.5 mm Point, Angled 90° 3.0 mm Point, Angled 90°	1 set
96	Separator	<ul style="list-style-type: none"> • Bayonet-style shaft Specs Wide, 1.5 mm Curved Blade, Scraping Tip 1 Narrow, 1.25 mm Curved Blade, Scraping Tip	1 set
97	Sheehy Knife Curette ("Weapon")	<ul style="list-style-type: none"> • Overall length 165 mm (6.5") • 15 mm fluted length Specs 2 mm Diameter Semi-Sharp Blade, Small 2.5 mm Diameter Semi-Sharp Blade, Large	1 set
98	Sickle Knife (#1 Knife)	<ul style="list-style-type: none"> • Overall length 165 mm (6.5") Specs 7.5 mm Curved Blade	1 set
99	Stapes Curette, Double-Ended	Specs 2.25 mm x 3.0 mm and 2.0 mm x 2.5 mm Oval Cups	1 set
100	Strut Pick, Medium Shaft	Specs 0.50 mm Point, Angled 90° 0.66 mm Point, Angled 90°	1 set
101	Incudostapedial Joint Knife	Specs 0.75 mm Blade, Angled 60°, 150 mm 1 0.5 mm x 1.5 mm Blade, Angled 20°, 170 mm	1 set
102	Lancet Knife (#2 Knife)	Specs 2 mm x 3 mm Tapered Tip, Angled 45°	2

S.NO	INSTRUMENT	Specifications	QUANT ITY
103	Measuring Rod, Malleable Shaft	Specs 3.5 mm from Marker to Tip 4.0 mm from Marker to Tip 4.5 mm from Marker to Tip 5.0 mm from Marker to Tip	1
104	Middle Ear Mirror	Specs 2.5 mm Diameter, Angled 45°	1
105	Myringotomy Knife (158mm)	• Overall length 158 mm (6.2") Specs 6.0 mm Blade	1 set
106	Needle set	Specs Sharp, Strong Short Curve Sharp, Light Curve Dull, Light Curve Semi-Sharp, Strong Curve	1 set
107	Oval Window Pick, Fine Shaft	Specs 0.33 mm Point, Angled 30° 0.33 mm Point, Angled 90° 0.66 mm Point, Angled 90° 0.66 mm Point, Angled 30°	1 set
108	Culbertson Canal Knife	Specs 1.5 mm Wide x 2.0 mm Long Blade Angled 45°	1 set
109	Canal Knife, Sharp Blade	Specs 2 mm Diameter 2.5 mm Diameter	1 set
110	Flap Knife Dissector, Double-Ended	• Overall Length 184 mm (7.2") Specs Double-ended, 2 mm x 3 mm Blades Angled 25° and 45° Perforation Rasp • Rasp on inside of blade Specs Blade Angled 45° Blade Angled 120	1 set
111	McHugh Flap Knife	Specs 3 mm Round Blade	1
112	Facial Nerve Dissecting Forceps	• Overall length 140 mm (5.5") Specs 14 mm Smooth Jaws, Angled	1

S.NO	INSTRUMENT	Specifications	QUANT ITY
113	Tympanoplasty Knife	• Overall length 165 mm (6.3") Specs 7 mm Curved Blade	1set
114	Wire Strut Guide	Specs 0.6 mm Long Tip, Notched at End	1
115	Prosthesis Placement Hook	Specs 0.5 mm Hook, Slightly Angled	1

2 Nasal surgery instruments

Septoplasty & Rhinoplasty

S.no.	Item	Quantity
1.	Walsham Forceps	2
2.	Asch Forceps	2
3.	Tiley Hanckel Forceps	10
4.	Killians Nasal Speculum- - Infant - Child - Adult	2 3 5
5.	Thudiculum Nasal Speculum- 7cm, small, medium, large	2 sets
6.	Bayonet Forceps	5
7.	Long Killians Nasal Speculum	3
8.	killians Self retaining Forceps	3
9.	Freer Elevator	5
10.	Freer Suction Elevator	5
11.	fish Tail Gouge	2 sets
12.	Freer Chisel Straight 6 1/2" 4mm	3
13.	Nasal Chisel	2 set
14.	Mallet(lead filled, 18 cm , 22mm diameter of head)	3
15.	Nasal Packing Forceps	10
16.	Nasopharyngeal Biopsy Forceps	5
17.	Nasal Suction Tip	5 sets
18.	Check Retractor	4
19.	Citelleys Punch Forceps	4
20.	Lacrimal Cannula	2
21.	Bowman Lermil Lacrimal Probe	2
22.	Simpson Lacrimal Dilator	2
23.	Wilder lacrimal dilator blunt	2
24.	Infant lacrimal dilator	1
25.	Ballenger Swivel knife	2

S.no.	Item	Quantity
26.	DCR Punch	2
27.	Kerrison's rongeur	4
28.	Luc's forceps – small & large	3 each
29.	Citelli rongeur forceps	2
30.	Beyer rongeur forceps	2
31.	Adler rongeur forceps	2
32.	Bone nibbling rongeur forceps (double action with 3mm wide jaws, length 15.5 cm) -straight - curved	2 each
33.	Bone nibbling rongeur forceps (single action with 3mm wide jaws, light curved jaws, length 14 cm)	2
34.	West Lacrimal Chisel straight	1
35.	Freer Lacrimal Chisel curved	1
1.	Lacrimal sac gouge 13 cm length -3mm wide -4mm wide - 5mm wide -7mm wide	1 each
2.	Lacrimal sac chisel 13 cm length -3mm wide -4mm wide - 5mm wide -7mm wide-	1 each
3.	Takahashi ethmoid forceps(slender model cup jaws , 4-3/4 th inch)	2
	Rhinoplasty set	1

Rhinoplasty instruments-

Joseph Button End Knife Straight 6	2
Joseph Knife Sh-pt Large Straight 6	2
Ballenger Swivel Knife 4mm	2
Freer Septum Knife 6 1/4"	2
S E Mayo Dis Scissors Straight 5 1/2 Tc	2
FomonNsl Scissors Lowlat Curved 5 3/4	2
Joseph Scissors Straight 5 3/4"	2
Joseph Scissors Curved 5 3/4"	2
Micro Adson Forceps Serrated 4 3/4	2
Lucae Bayonet Serrated 5 1/2"	3

Jansen Nasal Forceps Bayonet 6 ½	3
Killian Small 2"	3
Killian Medium W/set Screw 3"	3
Halsted Mosquito Forceps Straight 5"	10
Halsted Mosquito Forceps Curved 5"	10
Aufricht Retractor Solid Bld 6 1/2"	1
Cottle Ret 5 1/2" 4prng 2reces	1
Cot Knife Grd/retr 8" 5mm Hook	1
Fomon Retractor Ball End Sng 6 1/4	1
Walsham Sept Strtng Forceps Straight 9"	1
Ash Sept Straightening Forceps 9"	1
Knight Cutting Jaws 7"	1
Joseph PerioElev 7"x6.5mm	1
Mckenty Septum Elev Curved 5mm 6"	1
Cot Nas Chis 7" Rnd Corner 4mm	2
Cot Ns Chis 7" Rnd Corner 7mm	2
AufrichtGlabellar Rasp 8" Fwd	1
AufrichtGlabellar Rasps 8"bkd	1
Joseph Hook 2/prSh 6 1/4" 5mm	2
Joseph Hook 1/prSh 6 1/4"	1
Joseph Bayonet Saw Right 7 ½	1
Joseph Bayonet Saw Left 7 ½	1
Frazier Suction Tube 10fr	1
Crile Wood Nh Serrated Nar/jw 6"tc	1
NasFomonChsl Guard 5 3/4 7mm	1
Backhaus Towel Clamp 5 1/4"	10
Hoff Towel Clamp 4"	12

JOSEPH Raspatory, length 20 cm

Bone Rasp, tungsten carbide, double-ended, rasp blades Fig. 5 and 6, medium, length 21 cm

Bone Rasp, tungsten carbide, double-ended, rasp blades, medium and fine, length 21 cm

COTTLE Metal Mallet, length 18 cm

COTTLE Bone Crusher, with clip, crusher size 5 x 1.5 cm

Micro-osteotomes (2 mm and 3 mm blades).

Hump osteotomes (10 mm and 14 mm blades).

Skin hooks:

1 prong; 2 prong (2 mm) |

2 prong (10 mm)

Tissue forceps with side-grasping teeth,

Adson-Brown type (12 cm) |

Dressing forceps, Adson type (12 cm)

3.GENERAL THROAT INSTRUMENTS **SPECIFICATIONS**

S.NO	INSTRUMENT		QUANTITY
1	Allies-Coakley Tonsil Forceps	Overall length 190 mm Specs Curved Straight	2
2	Ferris Smith Sponge & Fragment Forceps	Working length 105 mm Specs 6*8 mm Serrated Jaws, 105 mm Shaft	2
3	Fisher Tonsil Knife	Overall length 212 mm Specs 15 mm Curved Serrated Blade Flat 7 mm Wide End	2
4	Hurd Dissector/Pilar Retractor	Overall length 228 mm Specs Small 7 mm Dissector, 11 mm Retractor Standard 8 mm Dissector, 13 mm Retractor	2
5	Morrison-Hurd Dissector & Pilar Retractor	Overall length 226 mm Specs 7 mm Serrated Dissector, 10 mm Retractor	2
6	Schmidt Tonsil Forceps	Overall length 190 mm Specs Medium Curve	2
7	Schmidt-Boettcher Tonsil Forceps	Overall length 188 mm Specs Straight Curved Strong Curve	2
8	White Tonsil holding Forceps	Overall length 190 mm Specs 6 mm Jaws, Medium Curve	2
9	Denhardt Mouth Gag	30 mm Spread	1
10	Dingman Mouth Gags	Specs Frame with 3 blades Small	1

		Medium Large	
11	Jennings Mouth Gags	Specs Small Medium Large	1
12	Davis Mouth Gag	Overall length 190 mm Specs No 1 to 5	2
13	Davis Mouth Gag Blades	Overall length 190 mm Specs No 1 to 5	2 sets
14	Goodyear Uvula Retractor	Overall length 187 mm Specs 15 mm wide blade	1
15	Tracheal Retractor	Overall length 143 mm Specs Sharp curved point	2
16	Ronis Adenoid Punch, Triangular Bite	Overall length 125 mm Specs 7 mm bite 8 mm bite	2
17	Tyding Tonsil Snare	Overall length 250 mm Specs Straight tip	1
18	Andrews Suction Tube	Overall length 232 mm Specs Removable tip	2
19	Dean Tonsil Scissors	Overall length 159 mm Specs Angled Serrated Blades	1
20	Eve Tonsil Snare	Overall length 286 mm Specs	2
21	Trousseau Tracheal Dilator	Specs 2 blades, curved, flat	2
22	Mustard Table	Overall length 190 mm Specs Mustard Table Mustard Table Adapter	2

4. Light Source with cable and head band

Item With Spec	Quantity
Xenon Light Source: Xenon light source of 300 Watts Should be able to produce color temperature of 6000 K Should have continuous manual adjustment of light output. Should have standby mode and automatic recovery of last setting of intensity of light. Should be able to display lamp life in digital form and should give visual indication for replacement of xenon lamp in case of lamp life of 500 Hrs is over. Should be certified IEC 601-1 and CE according to MDD.	02
Xenon spare lamp of 175 Watts suitable for Xenon light source	04
Fiber Optic Light Cable: Fiber Optic light cable of actual bundle size: 3.5-3.8mm, length : 250-275cm.	02
Fibro optic Head Band	02

SCHEDULE D: Operating microscope

Apochromatic optics:	Motorized focus; working distance 200 - 500 mm Motorized zoom; 1:6 zoom ratio 10 x magnetic widefield eyepiece with integrated eyecups 12.5 x magnetic widefield eyepiece with integrated eyecups Speed Focus for automatic focusing (only with integrated video camera)
Illumination	180 W Xenon light source 300 W Xenon light source with automatic lamp exchange Automatic Iris Control for adjusting the illumination to the field of view Display of remaining lamp life time

System setup:	Manual balance with guidance via user interface AutoBalance AutoDrape – automatic air evacuation out of the drape
General video:	Integrated 17" digital display Video Speed Focus – automated video focus Adaptation of consumer (SLR) photo / video camera
Standard-definition video:	Integrated 3-CCD SD video camera Integrated image and video recording on USB-media
High-definition video:	Integrated 3-CCD HD video camera External recording devices
Connectivity / Data management:	Network connection via shared directory Video-in for external SD video sources
System operation:	Multifunctional programmable handgrips Magnetic clutches for all system axes Central user interface Overhead display for showing important system parameters XY drive (variable speed) Wired foot control panel Wireless foot control panel
Accessories:	180° tiltable tube, focal length f=170mm 180° tiltable tube, focal length f=200mm Straight tube, focal length f=170mm Stereo co-observer Stereo bridge for face-to-face operation Interface for micromanipulator

MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM
(Clause 14 (c) of the tender)

To

The Administrative Officer,
All India Institute of Medical Sciences Raipur

Dear Sir,

TENDER: _____.

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

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

The authorization is valid up to _____

Yours faithfully,

(Name)

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