

**Tender**

**For**

**Equipments required for ENT Department**

**At**

**All India Institute of Medical Sciences, Jodhpur**

**NIT Issue Date : September 02, 2013.**

**Last Date of Submission : September 27, 2013 at 03:00 PM**

**Pre Bid Meeting : September 13, 2013 at 03:00 PM**



**All India Institute of Medical Sciences, Jodhpur**

**Basni Phase - II, Jodhpur – 342005, Rajasthan**

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## Tender - Supply, Installation and Commissioning of Equipment required in ENT Department

All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, 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 items at the institute. You are requested to quote your best offer along with the complete details of specifications, terms & conditions.

NIT No.	Item Description	Quantity	EMD
Admin/General/ 182/2013-AIIMS.JDH	E.N.T. Zooming Operating Microscope	1	1,60,000
Admin/General/ 183/2013-AIIMS.JDH	Endoscopes & Instruments for FESS, Endoscopic Anterior Skull Base Surgery and MLS	1 Set	40,000
Admin/General/ 184/2013-AIIMS.JDH	Microdebrider System	1 Set	50,000
Admin/General/ 185/2013-AIIMS.JDH	Instruments for Ear Surgery	1 Set	16,000
Admin/General/ 186/2013- AIIMS.JDH	Tonsillectomy, Adenoidectomy and Tracheostomy Sets	1 Set	6,000
Admin/General/ 187/2013- AIIMS.JDH	Operating Headlight	1	4,000

Quotation should be sealed and super-scribed with tender number and address to:

“Administrative Officer  
All India Institute of Medical Sciences, Jodhpur  
Basni, Phase-II  
Jodhpur-342005, Rajasthan”.

The sealed quotations should reach the Institute, latest by September 27, 2013 at 03:00 PM and it will be opened on same day at 03:30 PM in the Project Cell, Resident Complex, AIIMS, Jodhpur of the Institute in the presence of the bidder(s) or their authorized representative(s), who will present at the scheduled date and time.

### **Terms & Conditions:**

- 1. 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 Supply of (Item Name)**" and "**Financial Bid for Tender for Supply of (Item Name)**". Both Sealed Envelopes should be kept in a main/ bigger envelope super-scribed as "**Tender for Supply of (Item Name)**"
- 2. Earnest Money Deposit:**  
The EMD of the successful bidder shall be returned after the successful completion of contract / order and for unsuccessful bidder(s) it would be returned after award of the contract. Bid(s) received without demand drafts of EMD will be rejected.

The firms who are registered with National Small Industries Corporation (NSIC) / OR Small Scale Industrial (SSI) are exempted to submit the EMD (copy of registration must be provide along with)

3. **Tender Fee:** Tender fee will be Non-refundable amount of one thousand (Rs. 1000/-) for each NIT.
4. **Rate:** Rate should be quoted in Indian Rupees (INR) on DOOR Delivery Basis at AIIMS, Jodhpur, Rajasthan, Inclusive of all the Charges, with break-ups as:
  - Basic Cost.
  - VAT /CST as applicable.
  - Total Cost (F.O.R at AIIMS Jodhpur).
5. **Validity:** The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.

In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.

6. **Warranty / Guarantee:**

**6.1 Guarantee / Warrantee Period: For the equipment value upto Rs. 5 Lakh**

The Tenderers must quote for 2 years comprehensive warranty (Including all Spares, Accessories and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. Also the bidders are requested to submit their quote (Rates) for subsequent 3 years Comprehensive Maintenance Contract (CMC) (Including All Spares, Accessories and Labour). Failure to comply this condition will entail the rejection of the bids. The price comparison shall be taking into account on basic price and post warranty CMC.

**6.2 Guarantee / Warrantee Period: For the equipment value above Rs. 5 Lakh**

The Tenderers must quote for 5 years comprehensive warranty (Including all Spares, Accessories and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected. Also the bidders are requested to submit their quote (Rates) for subsequent 5 years Comprehensive Maintenance Contract (CMC) (Including All Spares, Accessories and Labour). Failure to comply this condition will entail the rejection of the bids. The price comparison shall be taking into account on basic price and post warranty CMC.

7. **Uptime guarantee:** The firm should provide uptime guarantee of 95%

**8. Downtime penalty Clause**

- a. During the comprehensive warranty period, the guarantee uptime of 95% of 365 days will be ensured. In case the down time exceeds the 5% limit penalty of extension of guaranty period by two days for each additional day of down time will be enforced. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handling over the unit to the Institute. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the Institute if required.
- b. The principals or their authorized service providers are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

- 9. Delivery & Installation:** All the goods ordered shall be delivered & installed within 30 days from the date of issue of purchase order. All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier. The successful tenderer will also provide basic required training for supplied items.

If the supplier fails to delivered, installation and commissioning of the goods on or before the stipulated date, then a penalty at the rate of 2% per week of the total order value shall be levied subject to maximum of 10% of the total order value.

- 10. Performance Security:** The supplier shall require to submit the performance security in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Nationalised Bank for an amount of which is equal to the 10% of the order value and should be kept valid for a period of 60 day beyond completion of all the contractual obligation, Including CMC period.

- 11. Arbitration:** If any difference arises concerning this agreement, its interpretation on payment to the made there-under, 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.

- 12. 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, Jodhpur, which will be at liberty to refuse if thinks fit. The tender is not transferable. Only one tender shall be submitted by one tenderer.

**13. 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, Jodhpur in that event the security deposit shall also stands forfeited.

**14. 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, Jodhpur shall have the power to terminate the contract without any prior notice.

**15. 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 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, either party may, at least option to terminate the contract.

#### **16. Liquidated Damages**

(i) The date of delivery of the store, stipulated in the acceptance of the tender should be deemed to be the essence of the contract and delivery must be completed not later than the dates specified therein. Extension will not be given except in exceptional circumstances. Should, however, deliveries be made after the expiry of contracted delivery period, without prior concurrence of the purchaser and be accepted by the consignee, such delivery will not deprive the purchaser of this right to recover liquidated damages under clause (ii) below.

(ii) Should the supplier fails to deliver the store or any consignment thereof within the period prescribed for delivery, the purchaser shall be entitled to recover 1 % of the value of delayed supply for a period up to 4 (four) weeks and thereafter at the rate of 10 % of the value of the delayed supply for another 4 (four) weeks of delay. In the case of package supply where the delayed portion of supply materially hampers installation and commissioning of the systems, liquidated damages charges shall be levied as above on the total value of the concerned package of the purchase order. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.

**17. Satisfactory Installation:**

Satisfactory installation / commissioning and handling over of the equipment mean the faultless functioning of the equipment for a minimum period of 30 days after satisfactory installation.

**18. Payment Term:**

- 90% payment of the total order value shall be released after the successful installation/ commissioning of the ordered goods against the submission of the test report.
- Balance 10% of the order value shall be released after the submission of the performance security.

19. Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.

20. AIIMS Jodhpur reserves the right to ask the tenderers for submitting the sample of the item for which rates have been quoted, Technically Qualified Bidders may be asked to submit samples along with their quoted items no. and their firm name without indicating any prices before opening of Financial Bid to AIIMS, Jodhpur for Inspection.

21. The quantity of item given in the tender is tentative, which may be increased or decreased as per the institute's requirement.

22. Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.

23. After due evaluation of the bid(s) Institute will award the contract to the lowest evaluated responsive tenderer

24. Conditional bid will be treated as unresponsive and it may be rejected.

25. The Institute reserves the right to accept in part or in full or reject any or more tender(s) without assigning any reasons or cancel the tendering process and reject all tender(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).

**26. Applicable Law:**

- The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.
- Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Jodhpur, Rajasthan, India only.
- The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at

Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.

- Force Majeure: Any delay due to Force Majeure will not be attributable to the supplier.

**Annexure-I****Technical Specification**

<b>S.No</b>	<b>Item</b>	<b>Specifications</b>	<b>Qty.</b>
1.	<b>E.N.T. Zooming Operating Microscope</b>	<p><b><u>FLOOR STAND</u></b></p> <ol style="list-style-type: none"> <li>1. Rollable floor stand on base with lockable castors, carrier and swivel arms with large reach of 1.30 m or higher, Weight caring capacity at least 18 Kg. Should have free float magnetic system with Six magnetic brakes Three brakes for Microscope body &amp; three for Microscope Stand with, release of magnetic brakes by handgrips.</li> <li>2. Manipulation to any position with locking for trouble free operation</li> <li>3. Suitably Placed LCD display of function and parameters, individual programming for different Surgeons.</li> </ol> <p><b><u>MICROSCOPE BODY</u></b></p> <ol style="list-style-type: none"> <li>1. Motorized Zoom Magnification system with advanced apochromatic optics. Zoom magnification factors 0.4x to 2.4x activation by handgrip and foot control panel.</li> <li>2. Total Magnification range 2 X to 18 X or better activated by hand grip and foot control without exchange of objective lens. Integrated continuously variable illumination field from 60mm-15mm or less.</li> <li>3. 3. Internal Motorized fine focusing system activated by hand grip and foot control continuously.</li> <li>4. Adjustable working distance from 200-225 mm to 500-525 mm or more without exchange of objective lens, integrated continuously variable illumination field spot size</li> <li>5. Integrated 50:50 beam splitter with two additional output inbuilt for connection of co- observation device and video.</li> <li>6. Binocular Stereo co observation system movable in all axis for assistant surgeon/ teaching purpose <ul style="list-style-type: none"> <li>Future up gradation to XY module</li> <li>Frequency range between 50-60 Hz.</li> <li>Automatic Circuit Breaker</li> <li>Adjustable friction of all joints</li> <li>Microscope should be movable on an inclined coupling for positioning in lateral direction.</li> <li>The maximum stretching length of the horizontal arm to be not less than 1000mm.</li> <li>The swivel angles of the carrier arm not less than 300 degree.</li> <li>Balanced microscope with integrated technology to manoeuvre the microscope in all directions with minimal force.</li> </ul> </li> </ol> <p><b><u>BINOCULAR TUBE</u></b></p> <ol style="list-style-type: none"> <li>1. 180 Degree or more tilt able binocular tube with focal length f= 200 mm or more</li> <li>2. Graduated knob for continuous adjustment of inter-</li> </ol>	1



		<p>pupillary distance from 55 mm to 75 mm.</p> <p><b><u>EYE PIECE</u></b></p> <ol style="list-style-type: none"> <li>1. Pair of wide field push in eye piece 10X with magnetic locks</li> <li>2. Diopter setting from -8 D to +5 D, also suitable for spectacles wearers</li> </ol> <p><b><u>ILLUMINATION SYSTEM</u></b></p> <ol style="list-style-type: none"> <li>1. Coaxial xenon illumination minimum 300 Watt with a back up quick easy lamp changer Xenon bulb</li> </ol> <p><b><u>HANDGRIPS</u></b></p> <ol style="list-style-type: none"> <li>1. Easily adjustable handgrips with keys for zoom and focus, illumination and magnetic brakes</li> <li>2. Programming for magnetic brake for control of stand and microscope body brakes</li> </ol> <p>Fine Easy auto-balance function with touch of a button/touch screen panel.</p> <p><b><u>FOOT CONTROL PANEL</u></b></p> <p>Full function foot control panel with Control keys for zoom, focus, movements and light intensity</p> <p><b>INTEGRATED DIGITAL VIDEO CAMERA SYSTEM:</b> Advanced digital 3CCD full HD Video camera should be Integrated in the microscope body, suitable for connection to PC, colour monitor.</p> <p><b>USER PROGRAMMING:</b> Programming for starting illumination, Magnification, working distance, Zoom speed &amp; Focus speed for at least 8 - 9 different users.</p> <p><b>VIDEO/ IMAGE DATA MANAGEMENT SYSTEM:</b> should have fully integrated digital video recording system &amp; still photo with direct recording on USB hard drive &amp; Pen Drive &amp; optional networking facility.</p> <p><b>VIDEO MONITOR:</b> Medical grade Full HD 17" or more display should be mounted on Microscope stand.</p> <p><b>UPS &amp; CVT:</b> Suitable UPS with One hour backup time with SMF Batteries &amp; Stand. Should be able to work on wide input range between 160-270 VAC at 9frequency between 50Hz ± 2Hz, Should use PWM technology with power conversion with single transformer arrangements with an output of 220VAC ± 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. Compatible CVT should be supplied for protection from voltage fluctuation.</p> <p><b>Above microscope should be compatible for attachment of LASER.</b></p> <p>Power requirement 220-240 volts50Hz US FDA&amp; European CE approval. Any Other accessory must for smooth functioning/maintenance of the equipment Sterile drapes -- 20 numbers Physical Demonstration if needed.</p>	
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S.No	Item	Specifications	Qty.
2.	<b>Endoscopes &amp; Instruments for FESS, Endoscopic Anterior Skull Base Surgery and MLS</b>	<b>FESS &amp; MLS Endoscopes &amp; Instruments:</b> <b>Telescope 0° 4.0 mm &amp; 2.7 mm:</b> Straight forward telescope, 0 degree enlarged view, size: 4 & 2.7 mm rod lenses system, Length: 18-19 cms, Autoclavable, Fiber optic light transmission incorporated.	1 Each
		<b>Telescope 30° 4.0 mm &amp; 2.7 mm</b> Forward oblique 30 degree enlarged view, size: 4 & 2.7 mm rod lenses system, Length: 18- 19 cms, Autoclavable, Fiber optic light transmission incorporated.	01 each
		<b>Telescope 45° 4.0 mm:</b> Straight Forward Telescope 45 degree enlarged view, size: 4 mm rod lenses system, Length: 18-19 cms, Autoclavable, Fiber Optic Light Transmission Incorporated	01
		<b>Telescope 70° 4.0 mm:</b> Straight Forward Telescope 70 degree enlarged view, size: 4 mm rod lenses system, Length: 18-19 cms, Autoclavable, Fiber Optic Light Transmission Incorporated	01
		<b>Telescope 15° 4.0 mm</b> Straight Forward telescope 15 degree diameter 4mm and length 17 cms, should be autoclavable and should have 45 degree angled eyepiece. Fiber optic light transmission incorporated.	01
		Telescope handle for 4 mm telescope round as well as flat	01 Each
		Hartmann Nasal speculum	01
		Septum needle angular LUER – lock	02
		Freer elevator double – ended	01
		Sickle Knife pointed -19cm	02
		Antrum curette	01
		Frontal sinus curette	01
		Suction tube with mandrel and cut-off hole	02
		Antrum cannula LUER-lock-4nos	02
		Blakesley nasal forceps: straight	02
		Blakesley nasal forceps: 45 DEGREE UPTURN & DOWNTURN	01 Each
Blakesley nasal forceps: 90 DEGREE UPTURN & DOWNTURN	01 Each		
Suction punch	02		

	Nasal cutting forceps	<b>02</b>
	Nasal scissors straight-working length 13cm	<b>01</b>
	Stammerger Antrum punch, -- left and right side backward cutting	<b>01 each</b>
	Biopsy and grasping forceps-vertical opening, malleable sheath and cupped jars	<b>01</b>
	STAMMBERGER Punch, circular cutting diameter 3.5 mm working length 18cm Straight & curved	<b>01 Each</b>
	Stammerger Antrum punch, downwards & forwards cutting – left & right	<b>01 Each</b>
	Stammerger Bipolar suction forceps, 15deg, 45 deg upturned 11-13cm	<b>01 Each</b>
	Bipolar universal high frequency cord	<b>01</b>
	Bipolar coagulation forceps, insulated angular, blunt with integrated suction channel, cut off hole length 19 cm	<b>01</b>
	Suction and Irrigation Sheath 0°, for endoscopic diagnosis and surgery of the paranasal sinuses and anterior skull base, oval, O.D. 4.8 mm x 6 mm, with separate channel for suction and irrigation, for use with handle.	<b>01</b>
	Suction and Irrigation Sheath 30°, for endoscopic diagnosis and surgery of the paranasal sinuses and skull base, oval, O.D. 4.8 mm x 6 mm, with separate channel for suction and irrigation, for use with handle.	<b>01</b>
	Suction and Irrigation Handle, with Push-Button Pressure Valve, for use with suction and irrigation sheath.	<b>01</b>
	Adaptor, autoclavable, facilitates changing of telescopes in sterile conditions	<b>01</b>
	Elevator, double-ended semi-sharp and blunt, length 26 cm	<b>01</b>
	Take-apart Bipolar Forceps, width 1 mm delicate jaws, distally angled 45°, horizontal closing, outer diameter 3,4 mm, working length 20 cm, consisting of: Handle ,Outer Tube, Inner Tube & Bipolar Insert.	<b>01</b>
	Bipolar High Frequency Cord with 2 x 4 mm banana-plug length 300 cm.	<b>01</b>
	Coagulation Ball Electrode, diameter 2 mm, laterally curved, working length 13 cm	<b>01</b>
	Unipolar High Frequency Cord, with 4 mm plug, length 300 cm.	<b>01</b>
	Insulated Cannula for suction and coagulation, O.D.: 3 mm, 90° curved, working length 16cm	<b>01</b>
	Suction Tube, malleable, with conical tip, with elongated cut-off hole and stylet, LUER,working length 18 cm, 10 Fr.	<b>01</b>
	Suction Tube, malleable, with conical tip, with elongated cut-off hole and stylet, LUER,working length 18 cm, 6 Fr.	<b>01</b>
	Suction Tube, malleable, with elongated cut-off hole and stylet, LUER,working length 15 cm,4 Fr.	<b>01</b>

	Suction Tube, with cut-off hole, drop-shaped, with distance markings, LUER, conical distal end, tip curved upwards, ball end, 2.4 mm, working length 15 cm	<b>01</b>
	Punch, upbiting 60° forward, size 1 mm, working length 17 cm	<b>01</b>
	Punch, upbiting 60° forward, size 2 mm, working length 17 cm	<b>01</b>
	Punch, downbiting 60° forward, size 1 mm, working length 17 cm	<b>01</b>
	Punch, downbiting 60° forward, size 2 mm, working length 17 cm	<b>01</b>
	Hook, 90°, blunt, length 25 cm, with round handle	<b>01</b>
	Mintz Micro Raspatory, 2 mm wide, curved, left, length 27 cm	<b>01</b>
	Scissors, 45°, delicate, Sheath 360° rotatable, working length 18 cm	<b>01</b>
	Round Knife 5°, width 2 mm, working length 10 cm, total length 20 cm	<b>01</b>
	Dissector, sharp, round spatula, tip angled 45°, size 3 mm, with round handle, length 25 cm	<b>01</b>
	Elevator, sharp, slightly curved spatula, straight, size 3 mm, with round handle, length 25 cm	<b>01</b>
	Curette, round spoon, tip angled, size 3 mm, with round handle, length 25 cm	<b>01</b>
	Curette, round wire, Id 5 mm, tip angled 90°, with round handle, length 25 cm	<b>01</b>
	Curette, round wire, ID 3 mm, distally curved shaft, with round handle, length 25 cm	<b>01</b>
	Curette, round wire, ID 5 mm, tip laterally angled 90°, with round handle, length 25 cm	<b>01</b>
	Ring- Curette, round wire, ID 5 mm, vertical long curved, with round handle, length 25 cm	<b>01</b>
	Curette, stirrup-shape, blunt, with round handle, length 25 cm	<b>01</b>
	Ring curette, distal end curved, vertical, OD 2.6 mm, working length 15 cm	<b>01</b>
	Curette, round wire, ID 3 mm, tip angled 90°, with round handle, length 25 cm	<b>01</b>
	Minature Forceps, through- cutting, with fine flat jaws, bite 1 mm, straight, working length 18 cm	<b>01</b>
	Nasal Forceps, with extra fine flat jaws, through-cutting, tissue sparing, width of cut 1.5 mm, straight sheath, straight jaws, with cleaning connector, working length 18 cm	<b>01</b>
	Nasal Forceps, with extra fine flat jaws, through-cutting, tissue sparing, width of cut 1.5 mm, straight sheath, jaws angled upwards 45°, with cleaning connector, working length 18 cm	<b>01</b>
	Nasal Forceps, with extra fine flat jaws, through-cutting, tissue sparing, width of cut 1.5 mm, straight sheath, jaws	<b>01</b>

	angled downwards 45°, with cleaning connector, working length 18 cm	
	Forceps, very delicate, oval cupped jaws 0.9 mm, curved upwards, working length 18 cm	01
	Spoon Forceps, spoon size 3 x 10 mm, single action jaws, working length 17 cm	01
	Scalpel, with telescopic blade, consisting of: Handle, outer tube 7 Micro-knife, pointed	02
	Nasal Forceps, end of sheath 25° upturned, with straight jaws, width 3 mm, with cleaning connector, working length 13 cm	01
	Nasal Forceps, straight, size 1, working length 11 cm	01
	Punch, circular cutting, for sphenoid, ethmoid and choanal atresia, diameter 3.5 mm, with cleaning connector, working length 18 cm	01
	Antrum Punch, backward cutting, sheath 360° rotatable, with fixing screw, working length 10 cm, take apart sheath.	01
	Joseph scissors-sharp 14cm	01
	Walter scissors 10cm-angled	01
	Cottle chisel-18.5cm 4mm straight	01
	Cottle crossbar osteotome-18.5cm 6mm-straight	01
	Cottle crossbar osteotome-18.5cm 6mm-curved	01
	Cottle double retractor-15cm Left sharp/Right blunt -10mm wide	01
	Cottle double retractor-15cm Right sharp/Left blunt -10mm wide	01
	Aufricht nasal retractor-17cm 45mm blade	01
	Adson tissue forceps-12 cm Delicate, side grasping teeth	01
	Nasal rasp-21.5cm Double ended- Fine teeth	01
	Nasal rasp-21.5cm Double ended-coarse teeth	01
	Walscham septum straightening forceps-23cm Straight for both sides	01 Each
	Killian strycken nasal speculum-13.5cm 75mm blade	01
	Neivert-Masing needle holder, thumb ring turned up, one jaw with groove, length 13cm	01
	Ballenger swivel knife-19.5cm Bayonet shaped-4mm wide	01
	Ash forceps Septum straightening -22cm	01
	Video-laryngoscope sheath laryngoscope	01
	Operating laryngoscope Adult size-18cm- <b>Large</b>	01
	Operating laryngoscope Adult size-18cm- <b>Medium</b>	01
	Anterior commissure scope <b>Adult size</b> -22cm	01
	Laryngoscope holder and chest support for use with above laryngoscopes <b>Adult size</b> (ring 9.5 cm, rod 34 cm)	01
	Laryngoscope holder and chest support <b>Child size</b> (ring 9.5 cm. Rod 24 cm)	01
	Fiber optic light carrier to fit in operating laryngoscopes <b>Adult size</b>	01

	Fiber optic light carrier to fit in operating laryngoscopes <i>Child size</i>	<b>01</b>
	Laryngeal cutting forceps-23 cm 2mm round cupped jaws, <i>straight</i>	<b>01</b>
	Laryngeal cutting forceps-23 cm 2mm round cupped jaws, <i>angular upwards</i>	<b>01</b>
	Laryngeal cutting forceps-23 cm 2mm round cupped jaws, <i>bent to right</i>	<b>01</b>
	Laryngeal cutting forceps-23 cm 2mm round cupped jaws, <i>bent to left</i>	<b>01</b>
	Laryngeal artery forceps with ratchet-23 cm Serrated, straight	<b>01</b>
	Laryngeal alligator forceps-23 cm Serrated <i>-straight</i>	<b>01</b>
	Laryngeal alligator forceps-23 cm Serrated <i>-bent to right</i>	<b>01</b>
	Laryngeal alligator forceps-23 cm Serrated <i>-bent to left</i>	<b>01</b>
	Laryngeal scissors-23 cm Straight	<b>01</b>
	Laryngeal scissors-23 cm Angular 45° up	<b>01</b>
	Laryngeal scissors-23 cm Bent to right	<b>01</b>
	Laryngeal scissors-23 cm Bent to left	<b>01</b>
	laryngeal scissors-23 cm Straight, horizontal cutting	<b>01</b>
	Laryngeal cutting forceps-23 cm Round cupped jaws 5 mm, straight, double action	<b>01</b>
	Laryngeal grasping forceps for arytenoids-23 cm	<b>02</b>
	Laryngeal biopsy forceps-23 cm Oval cup shaped jaws	<b>01</b>
	Laryngeal needle holder with ratchet	<b>01</b>
	Atraumatic vocal cord retractor-23 cm Self retaining with ratchet	<b>01</b>
	Arnold vocal cord holding forceps-23 cm Triangular jaws, for right side	<b>01</b>
	Arnold vocal cord holding forceps-23 cm Triangular jaws, for left side	<b>01</b>
	Laryngeal knife-23cm Straight cutting	<b>02</b>
	Laryngeal knife-23cm Sickle shaped, curved	<b>02</b>
	Laryngeal knife-23cm Round vertical cutting	<b>02</b>
	Laryngeal hook-23 cm Blunt	<b>01</b>
	Laryngeal hook-23 cm Sharp	<b>01</b>
	Laryngeal needle-23 cm Curved to right	<b>01</b>
	Laryngeal needle-23 cm Curved to left	<b>01</b>
	Laryngeal elevator with suction channel-23 cm	<b>02</b>
	Laryngeal knot tier-23 cm	<b>01</b>
	Laryngeal hook, blunt with probe end	<b>01</b>
	Instrument handle For use with item No 30to 38 mentioned above	<b>03</b>
	Laryngeal suction tube (micro laryngeal) –25 cm Diameter 2 mm	<b>02</b>
	Laryngeal suction tube (micro Laryngeal) –25 cm Diameter 3mm	<b>02</b>
	Laryngeal insulated canula-25 cm 3 mm O.D. for suction and coagulation	<b>01</b>

		Laryngeal cotton wool carrier-25 cm Straight, serrated	01
		Bipolar electrode –3 mm, length 23 cm With removable suction tube	01
		Cable for bipolar forceps-5 m long	01
		Insulated MLS suction tip, Havas Clip, Teeth Protector, Laryngeal needle for injection	01
		<b><u>OPTIONAL INSTRUMENTS:</u></b>	
		Howarth's elevator double ended sharp and blunt, length 21cm	01
		Luc Nasal Forceps Heart Shape (Large,medium,small) 17.5cm	01 Each
		Luc Nasal Forceps Oval Shape (Large,medium,small) 19cm	01 Each
		Jansen-Middleton Septum Cutting Forceps Double Action 7-1/2"	01
		Hajek Septum Chisel , Medium 6mm "V" Shaped Cutting Edge Enhanced Forward Cutting Effect (6")	01
		Heymann Turbinectomy Scissors, Angular, Blunt, Length 190mm	01
		Walter gouge hollow width 4.5 mm, length 19cm	01
		Metal mallet(small, medium, large)(20,26,30mm diameter) length 19.5 cm	01
		Frontal recess giraffe forceps	01
		8"Curved Osteotome 10 mm	01
		Chisel & Gouze5-6" straight Fine tip (3, 4, 5,6 mm)	01 Each
		Mini-Struycken Through-Cutting Forceps (opening up) straight, 45 & 90 degree	01 Each
		Suction Elevator for septal mucoparichondrial flap	02
		Nasal Suction Tips No. 1 to 5	02 Sets
		Punch, upbiting 60° forward, size 1 mm, working length 17 cm Curved	01
		Punch, upbiting 60° forward, size 2 mm, working length 17 cm Curved	01
		Frontal Cell Seeker	01
		Ball Probe Double Ended for Frontal & Maxillary Ostium	01
		Oggel Probe reinforced on both sides	01
		Wilder Dilator for Salivary Duct Length 11 cms	01
		Bowman Lachrymal Probe length 13 cms	01
		Lachrymal Punta Dilator	01
		Lachrymal Syringes	01
		DCR Punch	01
		<b>Sterlization/Disinfection Tray:</b> Disinfection/Sterlization tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)	02

		<p><b>Suitable Autoclavable plastic tray double tray for sterilization and storage for hand instruments of minimum 20 hand instruments preferably from OEM.</b></p>	<p><b>02</b></p>
		<p><b>Standards, Safety and Training</b> Should be European CE &amp; US FDA approved product Comprehensive training for lab staff and support services till familiarity with the system.</p>	
		<p><b>Documentation</b></p> <ol style="list-style-type: none"> <li>1. User/Technical/Maintenance manuals to be supplied in English.</li> <li>2. 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.</li> <li>3. Certificate of calibration and inspection.</li> <li>4. List of Equipments available for providing routine Preventive Maintenance Support as per manufacturer documentation in service/technical manual. Price of individual instruments and full set should be quoted.</li> </ol> <p><b>Prior Demo if needed.</b> Instruments should be made from High Quality Surgical Grade Steel. Instruments should have Laser surface or ebonized or equivalent finish to provide appropriate reflection lowering finish. CO=/Catalogue number &amp; article number should be mentioned on each and every instrument. There should be country of origin/Manufacturing engraved on each and every instrument.</p> <p>Company should have relevant experience in successful execution of similar work at least in five Institutes of national importance and central government Institutes. Company should be at least in its 5 years of operations at the date of Submission of tender.</p>	



S.No	Item	Specifications	Qty.
3.	<b>Microdebrider System</b>	<p><b><u>Console &amp;Footpedal</u></b></p> <ul style="list-style-type: none"> <li>• Should be a versatile powered ENT system, that lets to choose just the power required for various ENT related surgeries.</li> <li>• Should be able to operate different kinds of Hand pieces and high speed Drills.</li> <li>• The system should be user friendly and the parameters should be able to adjust from the control panel and the display should suggest operating parameters for a variety of ENT procedures.</li> <li>• Should be able to adjust the irrigation levels and bur/blade speed with the touch screen control.</li> <li>• Should have inbuilt pumps each for Irrigation(5Cc / Min to 100Cc / Min)</li> <li>• Should have large Touch screen monitor</li> <li>• The various parameters should be able to adjust either from touch screen panel or from the multifunction foot switch</li> <li>• Should have multifunction ergonomically designed foot control with light emission for easy identification</li> <li>• Surgeon should be able to control from the foot control itself the Speed / Mode, Forward / Reverse Toggle active hand piece change etc.</li> <li>• Should have option for remote control Irrigation to operate from sterile area by the surgeon himself t</li> <li>• Should have in built user friendly interactive menu and illustrative help guide</li> <li>• Console should have inbuilt lens cleaning system for different type of endoscopes</li> <li>• The system should be suitable for wide variety of procedures ranging from frontal sinusotomies to ultra –low speed oscillation for delicate airway cases.</li> <li>• Should be able to operate in forward at speeds up to 12000 rpm and 5000 rpm in oscillating mode.</li> <li>• Should be capable of accepting various types of blades and burs.</li> <li>• The system should have multi-function with integrated connecting cable, ergonomically designed foot pedal.</li> <li>• Console should take multiple Hand Pieces like debrider hand piece, High speed otological drill handpiece, stapes drill handpiece&amp; micro saws</li> <li>• Console should identify Hand Pieces.</li> <li>• Should have the provision to mount the console on various sizes of IV poles</li> </ul> <p><b><u>DebriderHandpiece :</u></b></p> <ul style="list-style-type: none"> <li>• Should be able work up to the speed of 12000 RPM in forward rotation and 5000RPM in oscillation mode.</li> <li>• Should have finger tip control to rotate only the tip of the blade up to 360 deg.</li> <li>• Should have straight suction path to reduce clogging and allow efficient tissue removal.</li> <li>• Should have integrated blade locking system to lock the blade tip rotation.</li> </ul>	

		<ul style="list-style-type: none"> <li>• Should have integrated side grooves and cable clips to provide better tubing management.</li> <li>• Should have Titanium body to avoid rusting.</li> <li>• Should be light in weight and ergonomically designed.</li> <li>• Should have different varieties of debrider Blades like straight, Curved blades range starting from 12 degree and available upto 120 degree.</li> <li>• Should have rotatable laryngeal blades in 2.9 mm, 4 mm with different length options for papilloma , laryngomalacia , trans-sphenoidalhypophysectomy</li> <li>• Should have for tonsillectomy ,Adenoidectomy , turbinoplasty blades.</li> <li>• Should have subglottic, tracheal, bronchial blades.</li> <li>• Should have straight cutting burs for adult &amp; paediatric for sinus drilling</li> <li>• Should have diamond curved burs of different angle like 15, 40, 70 for anterior skull base surgery , trans-sphenoidal surgery</li> <li>• Should have curved burs for frontal sinus drilling</li> <li>• Should have DCR burs</li> </ul> <p><b><u>Stapes / Middle Ear advance surgery Handpiece :</u></b></p> <ul style="list-style-type: none"> <li>• Handpiece weight should not be more than 2 OZ.</li> <li>• Should have variable speed footswitch control.</li> <li>• Should be able to vary the speed up to 12000 RPM.</li> <li>• Should be able work as an independent self-powered system and also have the option to work with the console.</li> <li>• Otologic burs should have color coding.</li> <li>• Should have the application in Middle ear or Stapes footplate surgery.</li> </ul> <p><b><u>Bipolar forcep with Suction :</u></b></p> <ul style="list-style-type: none"> <li>• Bipolar forcep should be available in straight sizes of 105mm &amp; 170mm with suction facility</li> <li>• Option of Up curve Bipolar forcep should also be available in 170mm with suction facility</li> <li>• Disposable suction tip should be available separately</li> <li>• Bipolar cable should be universal in nature</li> </ul> <p>Any other accessory needed for maintenance of all the units mentioned.</p> <p>Prices of different blades and burrs should be quoted separately also. CE &amp; US FDA Approval.</p>	
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S.No	Item	Specifications	Qty.
4.	Instruments for Ear Surgery	Tumarkin Meatal Speculum- tapered slot black finish 11mm distal tip diameter, distal slot width 6mm	1
		Tumarkin Meatal Speculum- tapered slot black finish 8.5mm distal tip diameter, distal slot width 4.5mm	1
		Tumarkin Meatal Speculum- tapered slot black finish 7.5mm distal tip diameter, distal slot width 3.5mm	1
		Tumarkin Meatal Speculum- tapered slot black finish 6.5mm distal tip diameter, distal slot width 3mm	1
		Tumarkin Meatal Speculum- tapered slot black finish 7mm distal tip diameter, distal slot width 3mm	1
		Tumarkin Meatal Speculum- tapered slot black finish 4.5mm distal tip diameter, distal slot width 3mm	1
		Flexible Tension arm complete with holding rod to fit in OT Table	1
		Clamp for flexible tension arm attachable to OT table	1
		Ear speculum clamp to hold ear speculum	1
		Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 5 mm Outer diameter	1
		Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 6 mm Outer diameter	1
		Holmrgen self retaining Ear Speculum with slotted blades to hold speculum in canal 7 mm Outer diameter	1
		Hartmann Aural forcep (Crocodile type)- 75mm to shoulder serrated Jaw	2
		Hartmann Aural forcep (Crocodile type)- 75mm to shoulder, round cutting Jaw	2
		Hartmann Aural forcep (Crocodile type)- 80mm to shoulder, serrated Jaw	2
		Faraboeuf Periosteum elevator- 150mm length, 13 mm wide, curved	1
		Faraboeuf Periosteum elevator- 115-117mm length, 11 mm wide, curved	1
		Freer elevator, double ended- 200mm	1
		Wullstein Post Aural Retractor- 3X3 sharp Prongs 110 mm length	2
		Schuhknecht Post aural retractor-3 X 3 sharp prongs curved 130mm length	2
		Plester Retractor-2X2 prongs 130length	2
		Williger Retractor- Sharp prongs 130mm in length	2
		Schwaber adjustable self retaining Surgical Ear Speculum- 30mm blade length, 165mm	2
		Schwaber adjustable self retaining Surgical Ear Speculum- 50mm blade length, 165mm	2
		Rosen round knife- 45 degree Angle 2.5mm tip, Shaft 160mm	1
		Rosen round knife- 45 degree Angle 2.0mm tip, Shaft 160mm	2
		Rosen round knife- 45 degree Angle 1.5 mm tip, Shaft 160mm	1
		Micro Raspatory- 160mm length	2
		Plester flag knife- 165mm length	2

	Plester Sickle knife- 165 mm length	2
	Wullstein Needle- straight, sharp, 165 mm length	2
	Wullstein Needle- Gentle curve, sharp 165mm length	2
	Wullstein Needle- Strong curve, Sharp, 165mm length	2
	Wullstein Needle- Strong curve, blunt, 165mm length	2
	Belluci Micro ear scissors- straight, Right & Left Curved 4mm blade, 80 mm length	2 Each
	Shea- Belluci micro ear scissors- straight, Right & Left Curved 8mm blade, 80 mm length	2 Each
	Dieter Malleus Nipper- 80 mm, up biting	2
	Micro ear forcep oval cupped jaw straight 80mm,shaft 1.5mm thick	2
	Fisch Micro Ear forcep – serrated 0.6X 4mm 80 mm length, shaft 1.5mm	2
	Fisch perforator 160 mm length, diameter 0.3mm	2
	Fisch perforator 160 mm length, diameter 0.5mm	2
	House curette double ended, sharp, curved, round cup 1.2mm, 170mm	1
	House curette double ended, sharp, curved, oval cup 1.8mm, 170mm	2
	House curette double ended, sharp, curved, oval cup 2.2mm, 170mm	1
	Micro pick 90 degree angled 165mm length 0.2mm	1
	Micro pick 90 degree angled 165mm length 0.4mm	1
	Micro pick 90 degree angled 165mm length 0.8mm	1
	Micro pick 90 degree angled 165mm length 1.5mm	1
	House Gel foam pressure forcep large platform 30mmX30mm	1
	Fisch Crurotomy Scissor 80mm, Curved to Right	2
	Fisch Crurotomy Scissor 80mm, Curved to left	2
	SS Instrument case with silicon racks for storage and sterilization of delicate instruments, 200x 140 mm or to hold 10 micro instruments	2
	McGee wire closing forcep- 70mm from shoulder, vertical, jaw length 4mm, jaw width 0.8mm	2
	<b>Optionals:</b>	
	Mastoid Cell Seeker with curette at one end	1
	Ball Probe	1
	Drum Elevator	2
	Microsuction Tips All sizes with adaptors	2 Sets
	Sliding & Fixed Measuring Rods for use during Stapes surgery with piston cutting zig	1 Each
	European CE & US FDA Approved. Price of individual instruments and full set should be quoted. Prior demo if needed. Instruments should be made from High Quality Surgical Grade Steel i.e. Grade 410 & 420 or equivalent.	

		<p>Instruments should be made from High Quality Surgical Grade Steel.</p> <p>Instruments should have Laser surface or ebonized or equivalent finish to provide appropriate reflection lowering finish.</p> <p>CO=/Catalogue number &amp; article number should be mentioned on each and every instrument.</p> <p>There should be country of origin/Manufacturing engraved on each and every instrument.</p> <p>Company should have relevant experience in successful execution of similar work at least in five Institutes of national importance and central government Institutes.</p> <p>Company should be at least in its 5 years of operations at the date of Submission of tender.</p>	
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S.No	Item	Specifications	Qty.
5.	<b>Tonsillectomy, Adenoidectomy and Tracheostomy Sets</b>	Driffin's Bipod stand	1
		Boyle-Davis mouth gag	2
		Tongue Blades (Plane & Slotted with groove for ET tube)	4 different sizes of each variety
		Tonsil holding forcep	2
		Tonsil dissector and retractor-	2
		Adenoid currete with and without cage length- 22 cm	size 0 to 4 in each variety
		Yankuer suction tube	2
		Tonsillar snares	2
		Loop Applicator, Model E length 27 cm	1
		Loops for Aplikator , Polyglycolicasid, absorbable, 12 sterile packed, size 1	1
		Adenoid Forceps, sharp, length 19 cm	1
		Needle Holder, tungsten carbide inserts slender, length 18 cm	1
		Tinaculum	2
		Long slender artery forceps straight, curved, Negus	2 Each
		Wilson's artery forceps small & large-	1 Each
		<b><u>TRACHEOSTOMY SET</u></b>	
		Ribbon Right Angled Retractors	4
		Cricoid Hook Blunt & Sharp	2 Each
		Tracheal Dilator Small & Large	2 Each
		Metallic suction tube	2
		European CE & US FDA Approved. Price of individual instruments and full set should be quoted. Prior demo if needed. Instruments should be made from High Quality Surgical Grade Steel i.e. Grade 410 & 420 or equivalent. Instruments should be made from High Quality Surgical Grade Steel. Instruments should have Laser surface or ebonized or equivalent finish to provide appropriate reflection lowering finish. CO=/Catalogue number & article number should be mentioned on each and every instrument. There should be country of origin/Manufacturing engraved on each and every instrument.	
		Company should have relevant experience in successful execution of similar work at least in five Institutes of national importance and central government Institutes. Company should be at least in its 5 years of operations at the date of Submission of tender.	

S.No	Item	Specifications	Qty.
6.	<b>Operating Headlight</b>	<ul style="list-style-type: none"> <li>- Should be comfortable and mobile LED Head Light and easy to use without any cables</li> <li>- Should have maximum Luminous intensity of around 2,00,000 lux or more</li> <li>- Should have Color Temperature of 5000K</li> <li>- Should have minimum battery service life of 6 hours after full charge</li> <li>- Batteries should be capable of being charged easily without powering off</li> <li>- Should be able to Rapid USB charging from wall adaptor or PC</li> <li>- Should have integrated battery status indicators</li> <li>- Should have continuous digital dimming facility</li> <li>- Total weight not more than 325g</li> <li>- Focus should be down to about 65mm</li> <li>- Should be comfortable through a removable, washable headband</li> <li>- Should have spare batteries</li> <li>- Optional: 2dpt magnifying lenses</li> <li>- Should be European CE or US FDA approved and of international safety standards</li> <li>- Prior demo is must</li> </ul>	1

**Annexure-II**

**TECHNICAL BID**

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone & Mobile No.	
Name and address of service centre nearby Jodhpur.	
Whether the firm is a registered firm Yes/No (attached copy of certificate)	
PAN No. (enclose the attested copy of PAN Card)	
Service Tax No. (enclose the attested copy of Service Tax Certificate)	
VAT No. (enclose the attested copy of VAT Certificate)	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Earnest Money Deposit.	
Whether the Firm/Agency has signed each and every page of Tender/NIT	
Please provide full list of consumables.	
Any other information, if necessary	

Authorized signatory of the bidder with seal.



**Annexure-III**

**Format for Financial Bid**

(To be submitted on the letterhead of the company / firm separately for each item)

A.

S.No	Name of Item	Quantity	Rate	Vat/Taxes	Amount
1.					

B.

CMC Charges as applicable (excluding service Tax)	
I <sup>st</sup> Year	
II <sup>nd</sup> Year	
III <sup>rd</sup> Year	
IV <sup>th</sup> Year	
V <sup>th</sup> Year	

1. I/We have gone through the terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
2. No other charges would be payable by the Institute.

Authorized signatory of the bidder with seal.