



**GOVERNMENT OF WEST BENGAL
OFFICE OF THE PRINCIPAL
CALCUTTA NATIONAL MEDICAL COLLEGE
32, GORACHAND ROAD, KOLKATA-700 014
Phone/Fax No- (033) 2284 3582
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**NOTICE INVITING E- TENDER FOR PURCHASE AND INSTALLATION OF MEDICAL EQUIPMENT FOR
ENT BY THE PRINCIPAL, CALCUTTA NATIONAL MEDICAL COLLEGE, KOLKATA- 700 014**

(Through Pre-qualification)

(Submission of Bid through NIC e- tender portal)

Memo No CNMC/ST/1865/P

Dated: 16th Jul 2021

The Principal, Calcutta National Medical College having its office at 32, Gorachand Road, Kolkata–700014 is going for e-tender on behalf of the Health & Family Welfare Department, Government of West Bengal for supply of Hospital Equipment/ Instrument as per annexed list from the bonafied manufacturer/authorized distributor/direct importer. Necessary earnest of Rs. 1,60,000/- money is required to be submitted for participation in the Tender through online.

List of equipments for ENT Department

Sr. No	Name of the Instrument	Quantity
1.	HD ENDOSCOPY SETUP with monitor, light source, camera & recording device	01 Set
2.	Microdebrider System	01 Set
3.	Cloablation System	01 Set

Procedure for Deposit of EMD/BID Security Related TO E-Procurement of the State Government Departments (through NET BANKING/RTGS/NEFT): - Earnest money Rs. 1,60,000.00 (Rupees one lakhs sixty thousands only). The process may be followed as per memorandum of the Finance Department Audit Branch bearing Memo No-3975-F(Y) dated: 28th July, 2016 (GRIPS).

1. Login by bidder:

- a) A bidder desirous of taking part in a tender invited by a State Government Office/PSU/ Autonomous Body/Local Body/ PRIs, etc. shall login to the e-Procurement portal of the Government of West Bengal <https://wbtenders.gov.in> using his login ID and password.
- b) He will select the tender to bid and initiate payment of pre-defined EMD / Tender fees for that tender by selecting from either of the following payments modes:

- i) Net banking (any of the banks listed in the ICICI Bank Payment gateway) in case of payment through ICICI Bank Payment Gateway;
- ii) RTGS/NEFT in case of offline payment through bank account in any Bank

2. Payment procedure:

a) Payment by Net Banking (any enlisted bank) through ICICI Bank Payment Gateway

- i. On selection of net banking as the payment mode, the bidder will be directed to ICICI Bank Payment Gateway webpage (along with a string containing a Unique ID) where he will select the Bank through which he wants to do the transaction.
- ii. Bidder will make the payment after entering his Unique ID and password of the bank to process the transaction.
- iii. Bidder will receive a confirmation message regarding success /failure of the transaction.
- iv. If the transaction is successful, the account paid by the bidder will get credited in the respective pooling account of the State Government /PSU /Autonomous Body/Local Body /P.R.I.s, etc maintained with the Focal Point Branch of ICICI Bank at R.N. Mukherjee Road, Kolkata for collection of EMD/Tender Fees.
- v. If the transaction is failure, the bidder will again try for payment by going back to the first step.

b) Payment through RTGS/NEFT:

- i. On selection of RTGS/NEFT as the payment mode, the e-Procurement Portal will show a pre-filled challan having details to process RTGS/NEFT transaction.
- ii. The bidder will print the challan and use the prefilled information to make RTGS/NEFT payment using his bank account.
- iii. Once payment is made, the bidder will come back to the e- procurement portal after expiry of a reasonable time to enable the NEFT/ RTGS process to complete, in order to verify the payment made and continue the bidding process.
- iv. If verification is successful, the fund will get credited to the respective Pooling Account of the State Government / PSU/Autonomous Body/Local Body/ PRIs etc. maintained with the focal point branch of ICICI Bank at R.N. Mukherjee Road, Kolkata for collection of EMD /Tender Fees.
- v. v) Hereafter, the bidder will go to e-Procurement Portal for submission of the bid.
- vi. But if the payment verification is unsuccessful, the amount will be returned to the bidder's account.

3. Refund/ Settlement Process.

- i. After opening of the bids and technical evaluation of the same by the tender inviting authority through electronic processing in the e-payment portal of the State Government, the tender inviting committee will declare the status of the bids as successful or unsuccessful which will be made available, along with the details of unsuccessful bidders, to the ICICI Bank by the e procurement portal through web services.
- ii. On receipt of the information from the e procurement portal, the bank will refund, through an automated process, the EMD of the bidders disqualified at the technical evaluation to the respective bidders' bank account from which they made payment transaction. Such refund will take place within T+2 bank working days where T will mean the date on which information on rejection of bid is uploaded to the e procurement portal by the tender inviting authority.
- iii. Once the financial bid evaluation is electronically processed in the e- procurement portal, EMD of the technically qualified bidders other than that of L1 and L2 bidders will be refunded, through an automated process, to the respective bidder's bank account from which they made the payment transaction. Such refund will take place within T+2 bank working days where T will mean the date on which information on rejection of bid is uploaded to the e procurement portal by the tender inviting authority. However, L2 bidder should not be rejected till the LOI process is successful.

- iv. If the L1 bidder accept the LOI and the same is processed electronically in the e- procurement portal, EMD of the L2 bidder will be refunded through an automated process, to his bank account from which he made the payment transaction. Such refund will take place within T+2 bank working days where T will mean the date on which information on Award of contract (AOC) to the L1 bidder is uploaded to the e-procurement portal the tender inviting authority.
- v. As soon as the L1 bidder is awarded the contract (AOC), and the same is processed electronically in the e- procurement portal –
 - a) EMD of the L1 Bidder of the tenders of the State Government Offices will automatically get transferred from the Pooling account to the State Government Deposit Head' 8443-00-103-001-07' through GRIPS along with the bank particulars of the L1 bidder.
 - b) EMD of the L1 bidder for the tenders of the State,/PSU/Autonomous Bodies/ Local Bodies/ PRIs etc. will automatically get transferred from the pooling account to their respective linked bank accounts along with the bank particulars of the L1 bidder.In both the above cases, such Transfer will take place within T+1 bank working days where T will mean the date on which the award of contract (AOC) is issued.
- vi. The bank will share the details of GRN No. generated on successful entry in GRIPS with the e- procurement portal for updation.
- vii. Once the EMD of L bidder is transferred in the manner mentioned above ,Tender fees, if any, deposited by the bidders will be transferred electronically from the pooling account of the Government Revenue Receipt Head "0070-60-800-013-27" through GRIPS for Government Tenders and to the respective linked bank accounts for State/ PSU/Autonomous Body/Local Body/ PRIs etc. Tenders.
- viii. All refunds will be made mandatorily to the bank account from which the payment of EMD and tender fees (if any) were initiated.

1. General Instructions:

In the event of e-filing, intending bidder may download the tender documents free of cost from the website: <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate & necessary earnest money may be submitted as per above mentioned procedure.

2. Submission of bids :

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the authorized signatories in the website <https://wbtenders.gov.in>. All papers must be submitted in English language.

3. Time Schedules for the e-tender (Re-tender) :

The time schedule for obtaining the bid documents, pre bid meetings, registration with the tendering authorities, the submission of bids and other documents etc. will be as per the list provided in clause no 21 as given below.

4. ELIGIBILITY FOR QUOTING :

Principal manufacturer (inside or outside of West Bengal) or their authorized distributor, direct importers holding valid import license, state based PSUs & State based other manufacturing units whose average annual turnover for last three financial year is more than Rs. 3.00 (Three) crore (more than Rs. 1.50 crore in case of authorized distributor) & S.S.I unit registered in West Bengal whose average annual turnover for last three financial year is more than Rs. 50 (fifty) lakhs, are only eligible to participate in the tender. Average annual turnover rate should be mentioned separately

5. SUBMISSION OF THE TENDERS :

The tender is to be submitted in a two Bid System.

[A] Technical Bid:

(a). Statutory Cover Containing the following documents:

1. COVER "A":

"BID A": PART I

(SINGLE FILE MULTIPLE PAGE SCANNED)

Essential Requirements of the Tendering Firm for participation" shall contain all papers related to the essential requirements of the Tenderer for participation in the tender viz.

A	Submission of online EMD prescribed
B	CHECK LIST in the prescribed format
C	Application in the prescribed format given in Annexure I
D	Authorization letter of signatory from Company in Annexure II
E	Authorization letter of Distributor/Importer from Manufacturer Company in Annexure III
F	Copy of Agreement between manufacturer & the importer in Annexure IV

"BID A": PART II

TECHNICAL SPECIFICATIONS OF THE ITEMS IN THE GIVEN FORMAT IN PDF.

2. COVER "B":

NON-STATUTORY/ MY DOCUMENTS Containing the following documents:

SI	Category	Sub Category	Sub Category Description
A.	Certificates	A1. Certificates	PAN Card of the authorized signatory
			Professional Tax Registration certificate
			GST Registration certificate
			EPF/ESI Certificate
			Pollution Control Board Clearance Certificate
SI	Category	Sub Category	Sub Category Description
B.	COMPANY DETAILS	B1. COMPANY DETAILS	Trade License
			Registration with Registrar of Companies
C.	CREDENTIAL	C1: Credential 1	Affidavit for No conviction
			Certificate of country of origin relating to the Equipment /Instrument
			Export-Import license with IEC Code (for Importer)
		C2 : Credential 2	Manufacturing License
			Manufacturer's Guarantee
			Test Report from the leading Test House
			Quality Assurance certificate of the Equipment/Instrument.
			LIST OF PURCHASERS
			Credential certificate from Purchasers

D.	FINANCIAL INFORMATION	PAYMENT CERTIFICATE 1	Income Tax Returns submitted for the year <i>2018-19, 2019-20, 2020-21,</i>
			GST Returns (of the last quarter)
		D1. P/L & BALANCE SHEET	1. P/L & Balance sheet for the year <i>2018-19, 2019-20, 2020-21,</i>
		Banker's Certificate	Banker's certificate from a schedule bank for solvency

- The Brochure /Testimonials of the equipment /instrument should be submitted along with the hard copy documents for examination of tender selection committee/ purchase committee

[B] FINANCIAL BID "B":

(i) **BOQ for INR (in excel sheet)**

The folder as "Financial Bid" shall contain base price of the equipment/Instrument with 5(five) years on-site comprehensive Warranty in Indian currency including cost of insurance, packing, freight charges, delivery charges, testing charges, incidental charges, if any and cost of the installation of the Instrument but excluding of GST, Entry tax, Cess and other Govt. taxes (if any) to be shown separately in the Bill of Quantities.

The L₁ will be determined only on Base rate with 3 (three) years comprehensive on-site warranty including cost of insurance, packing, freight charges, delivery charges, testing charges and incidentals if any.

The appropriate % of GST, Entry tax, Cess or other taxes as claimed by the bidder would be applicable as per prevailing Govt. order.

The tenderers are required to submit the hard copies of Bid A along with the Brochure of the Equipment/instrument as per schedule more clearly described in the time line vide clause 21 along with submission of online EMD prescribed. Submission of hard copy of Bid A to the office of the Principal, Calcutta National Medical College (CNMC) is for reference only while examining the technical bid on line and will not be treated as substitute for on line submission. However, Brochure/testimonials of the equipment are to be enclosed separately with the hard copy of Bid A for examination. Submission of hard copy of Bid B is totally prohibited and only be submitted through on line through NIC portal.

6. Evaluation of the tenders

During the tender evaluation process on line, the "Bid A" will be opened first. Those Tenderer who have qualified the essential & other requirements will be identified for giving demonstration of the equipment. After demonstration the qualified tenderer will be identified and only their "Bid B" i.e. financial bid will be opened. The "Bid B" of those Tenderer failing to meet the technical & other requirements of participating in the tender will not be opened and be rejected. The Tenderer offering the item found suitable and as being as per the tender specifications will only be selected.

The Tenderer who have been so identified to have been technically suitable in the context of above will be deemed to have passed the test of essential and other requirement of the quoted item or items.

Demonstration centre must be within India preferably within West Bengal.

The "Bid B" (Financial Bids) of only these tenderers passing the essential and other requirement test will be opened then subject to verification of hard copies of the audited balance sheet and Profit & Loss Accounts of the tenderer for the last three years i.e. for the year *2018-19, 2019-20, 2020-21,*

If found suitable in the context of above pre qualification etc, the Tenderer quoting the lowest rate in the base price with 3(three) years comprehensive on-site warranty will be considered as successful.

1. RATE:

The price is to be quoted in Indian Rupees with cost of 3 (three) years on-site comprehensive warranty including cost of insurance, packing, forwarding, freight charges, delivery charges, testing charges, incidental charges, if any and installation of the instrument. The instrument is to be transported in such packaging so that there is no damage to the primary packaging during the transportation process.

GST, Excise Duty, Entry Tax & Cess etc. which shall be quoted separately in the template for Bill of Quantities (BOQ).

Percentage of Excise Duty, CESS etc, and Percentage of GST is required to be mentioned in the appropriate Column of the template for Bill of Quantities.

2. ORDER & SUPPLY:

Orders for the supply of the approved products will be placed with the successful tenderers after the execution of the agreements. The successful tenderer will have to supply within the specified time schedule that had been assured at the time of selection as supplier.

3. WITHDRAWAL / CANCELLATION & PURCHASE POLICY OF TENDERING AUTHORITY:

- a. The tendering authority reserves the right to withdraw any item from the tender at any stage. The selection of such item, if already made in favour of any Tenderer, shall be treated as cancelled.
- b. The tendering authority reserves the right to reject or accept any tender or part thereof at any stage or to split any tender without assigning any reason. Withdrawal of tender or any revision after submission of tender by the Tenderer will not be allowed.
- c. The tendering authority reserves the right to accept or reject any tender, in part or in full, without assigning any reason.
- d. Purchase will, however be made following the existing purchase policy of the Govt of West Bengal and its amendment(s) made from time to time. The purchase policy of the State Government as provided in the West Bengal Financial Rules, the policy of price preference in particular incorporated under Notification No. 10500-F dated 19.11.04 should be observed in considering the tenders.

4. Spare Parts

On being selected, the L₁ Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all items/equipments and the complete system for at least three years on a continuing basis. However, this does not relieve the supplier of any warranty obligations under the contract.

5. GUARANTEE / WARRANTY PERIOD:

The Tenderers Must Quote Basic Rate Along with 3 Year Comprehensive On Site Warranty of Entire System (Including All Spares & Labour) From The Date Of Completion Of The Satisfactory Installation.

6. AFTER SALE SERVICE: Confirmation Letter for "After Sales Service" during the entire period of equipment Lifespan from the date of installation and fully equipped Service Centre in Kolkata. Life Span should be mentioned.

7. Delivery, Installation and Commissioning :

- a. Delivery of the goods at the purchaser's premises shall be completed by the Supplier in accordance with the terms specified by the purchaser. The installation, testing and commissioning of the proposed system shall be completed in accordance with the order.
- b. In case of distributor, the firm should be direct distributor from the principal's. The sub-distributor or authority by distributor will not be accepted at all.

14. **SPECIAL TERMS AND CONDITIONS FOR TENDER SUBMISSION**

Quality assurance certification like ISO 9000 series or higher should be attached wherever applicable.

15. **PENALTY CLAUSES-**

Penalty for Formation of Cartel or Furnishing of Fraudulent/Misleading Documents:

- i. If during the tender process or at any state during the validity of the tender period, it is found that a Tenderer(s) has formed a cartel in what so ever form or name to fix up the rates or suppliers to the detriment of the fairness of the tender process, penal measures shall be initiated by debarring him from joining in the tender and his earnest money will be forfeited straightaway and the firm will be blacklisted for a period of 3(three) years.
- ii. Similar penal measures shall also be initiated against those tenderers who have submitted false/ misleading/ fraudulent documents or made incorrect declarations. The penal measure will also include Forfeiture of Performance Bank Guarantee if enlisted as a supplier.

16. **APPEAL:**

Appeal against the decision of the Principal, Calcutta National Medical College, West Bengal and to impose such a penalty will lie with the H&FW Dept. The Special Secretary/Secretary/Principal Secretary will be the appellate authority within the Department of Health & Family Welfare, Government of West Bengal. Before imposing any penalty as per clauses 15 the concerned supplier may appeal to the authority citing the proper reasons for non- imposing the penalty as stated.

17. **AGREEMENT:**

On a tender being accepted, intimation of acceptance will be forwarded to the Tenderer by Principal, Calcutta National Medical College. After communication of the same, the Tenderer will have to execute agreement in the prescribed form with the Principal, Calcutta National Medical College.

18. **VALIDITY PERIOD OF AGREEMENT:**

The contract period will be for a period of two years which may be extended up to six months with prior approval of the tender selection committee of this teaching institution if necessary.

19. **PERFORMANCE BANK GUARANTEE'**

The performance bank guarantee will be mandatory for all suppliers and will not be waived in any case.

The successful tenderers shall be required to furnish the 'Performance Bank Guarantee' @10% of L₁ rate per item for which the Tenderer has been selected as supplier & shall valid up to the completion of CAMC.

20. **PAYMENT TERMS:**

Payment will be made through e payment system through ECS/RECS/RTGS after execution of due supply as ordered subject to:

- a. Submission of Performance Bank Guarantee in terms of Clause 19 and subject to penalty clause in terms of Clauses 15.
- b. Supply of the materials as per specification as provided in the tender documents.
- c. Successful matching of supplied materials with the technical specification of CNMC.

- d. Supply of the materials within the supplied period as specified in the work orders.
- e. On being selected, the successful vendors will have to submit one application to the Accounts Officer, CNMC stating the name of the payee/ recipient, Bank account no with MICR code & IFSC code, of the payee/recipient for making e-payment.
- f. No manual payment is allowed to be made as far as practicable.

21. Dates & Information:

SI	Items	Publishing date(s)
1.	Date of uploading of N.I.T. Documents (online) from this end.	16.07.2021 at 5.30 PM
2.	Documents download/sell start date (Online)	16.07.2021 at 5.30 PM
3.	Date of Pre Bid Meeting with the intending bidders at the office chamber of the Principal, Calcutta National Medical College , 32 Gorachand Road, Kolkata – 700 014	28.07.2021 at 3.00 PM
4.	Date of hoisting of documents at Departmental Website (www.wbhealth.gov.in)	29.07.2021
5.	Bid Submission starting (On line)	30.07.2021
6.	Bid Submission closing (On line)	12.08.2021
7.	Last Date of submission of original copies	12.08.2021
8.	Bid opening (Bid A) & Technical Evaluation	16.08.2021
9.	Date of uploading list for Technically Qualified Bidder (online) (Bid A)	Will be notified later
10.	Date of Demonstration of Instrument	Will be notified later
11.	Date of uploading list of Technically Qualified Bidder after demonstration	Will be notified later
12.	Date for opening of Financial Proposal (Bid B) (Online)	Will be notified later
13.	Date of uploading of list of bidders along with the approved rate	Will be notified later

22. The **Principal, Calcutta National Medical College, Kolkata** reserves the right to change the above schedule in case of any exigencies after putting up a notice in the Health Department, West Bengal website and notice board of this institution.

23. Bidders of concerned groups are requested to be present in the office chamber of the **Principal, Calcutta National Medical College, Kolkata** during their respective day of opening of technical and financial bid as per schedule or AS TO BE NOTIFIED LATER ON.

24. No objections in this respect will be entertained raised by any Bidder who will be present during opening of bid, or from any Bidder who will be absent at the time of opening of Financial Bid. No informal tenderer will be entertained in the Bid further.

25. During the scrutiny, if it come to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be out rightly rejected without any prejudice.

26. The Tender Selection Committee reserves to right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.

27. The company which has been blacklisted during last five years by any Government Department/Agency will not be eligible for participation.

28. BENEFITS, CORRUPTION AND FRAUD:

(a) The vendor warrants that it has not and shall not offer any direct or indirect benefit arising from or related to the performance of the contract or the award thereof to any representative, officials, employee, or any others engaged in the procurement process whether during the period the contract is in process or before or after the contract is over. The vendor acknowledges and agrees that any breach of this provision is a breach of an essential term of the contract as specified.

(b) Corruption means the offering, giving, receiving or soliciting of, directly or indirectly, anything of value to influence the action of any official, employee or agent or any organization engaged in the selection process or in the execution of the contract.

(c) Fraud means a misrepresentation or omission of facts in order to influence the selection process or the execution of the contract.

29. ARBITRATION:

Except for a dispute in connection with termination in which respect the decision of the authority shall be final, any dispute between the parties arising out of or relating to this agreement which cannot be resolved through good faith negotiation shall be settled in arbitration in accordance with the provisions of the Arbitration Act. The arbitration hearing shall be held in Kolkata only. The award of the arbitrator (s) shall be binding on both the parties. The cost of arbitration shall be borne by the respective parties.

30. COURT OF LAW:

In case of any dispute in between the parties, the matter will be settled in appropriate Court of Law within Kolkata Jurisdiction.

31. Address For Communication:

The Purchaser address for notice purpose is

CALCUTTA NATIONAL MEDICAL COLLEGE

32, GORACHAND ROAD, KOLKATA-700014

PHONE -033-2284-4834

E-Mail- prin_cnmc@wbhealth.gov.in, msvp_cnmch@wbhealth.gov.in

Principal
Calcutta National Medical College

FORMAT FOR CHECK LIST

SI	Items	PI mark \surd		Page no
		Yes	No	
1	Application submitted in Annexure I	Yes	No	
2.	Annexure II (Authorization letter of signatory from the Company)	Yes	No	
3.	Annexure III (Copy of authorization of the distributor from the Company.	Yes	No	
4.	Annexure-IV (Copy of Agreement between manufacturer & the importer/authorized distributor)	Yes	No	
5	EPF/ESI Certificate	Yes	No	
6	Pollution control board clearance	Yes	No	
7	Quality assurance certificate	Yes	No	
8	Copy of PAN Card of the authorised signatory	Yes	No	
9	Earnest money	Yes	No	
10	Last 3 financial years' returns of Income Tax i.e. for 2018-19, 2019-20, 2020-21,	Yes	No	
11	GST returns of the last Quarters/ last months	Yes	No	
12	Affidavit of non conviction affirmed before a Notary public /First Class Judicial Magistrate /Executive Magistrate (affidavit sworn after 01.06.2015)	Yes	No	
13	Manufacturer's guarantee	Yes	No	
14	Test report from leading test house	Yes	No	
15	Certificate about quality assurance	Yes	No	
16	Banker's certificate from a schedule bank for solvency	Yes	No	
17	Confirmation of after sale service	Yes	No	
18	Confirmation of Demonstration service	Yes	No	

Annexure I
APPLICATION FORMAT

(To be furnished in the Company's official letter pad with full address and contact no etc)

To
The Principal
Calcutta National Medical College
32, GORACHAND ROAD, KOLKATA-700 014

Sub: NIT for Hospital Equipment/ Instruments for Calcutta National Medical College, Kolkata (CNMC)
Re: CNMC Memo No dated

Respected Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me /us on behalf of In the capacity of..... duly authorized to submit the offer. The authorization letter from the Company is attached in Annexure II.
2. We accept the terms and conditions as laid down in the NIT mentioned above and declare that we shall abide by it for throughout the tender period.
3. We are offering rate for the following item /items and assured supply to the Calcutta National Medical College under Health & Family Welfare Department, Government of West Bengal as per Table-1 (Instruments Specification)
4. The copy of the authorization letter from the manufacturer is attached in annexure III
5. The *Copy* of Agreement between manufacturer & the importer /authorized distributor is attached in annexure IV
5. In the event of being selected, supply will be made within the stipulated period excepting the condition which is beyond our control.
6. We understand that:
 - (a) Tender Selection Committee/ Purchase committee of the CNMC/ H&FW Dept can amend the scope & value of the contract bid under this project.
 - (b) Tender Selection Committee/ Purchase committee of the CNMC/H&FW Dept reserves the right to reject any application without assigning any reason;

Date:

Signature of applicant
(including title and capacity in which application is made)
Contact no:
Tele:
Mobile:
E Mail address:

Annexure II

Authorization letter from Company for authorized signatory who will upload the bid on behalf of the Company

Annexure III

Copy of authorization letter of the distributor/Importer from Manufacturer

Annexure-IV

Copy of Agreement between manufacturer & the importer/authorized distributor

**List of Equipment / Instruments
(Specifications)**

Name of the Item: **BUBBLE CPAP, TRANSPORT BABY INCUBATOR, ONE BEAM BILIRUBINOMETER, NEONATAL VENTILATOR WITH HIGH FREQUENCY MODE**

Sl. No.	Technical Specification	Technical Specification quoted by bidder	Bidders deviation, if any
A	Three Chip High definition Camera System		
	<p>The system should have the maximum Resolution of 1920 X 1080 pixels, progressive scan and the consistent use of 16: 9 formats for Input & Output.</p> <ul style="list-style-type: none"> • The system should have facility of Optical & Digital Zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used. • Internal Medical grade recorder for Capturing FULL HD Videos and HD Stills with storage capability of 500GB or more. • System should have facility of controlling additional equipment's like light source, insufflators and recording device from the camera head. • System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like BLUE & GREEN light for recognition of the finest tissue Structures and their differentiation. • Parallel live display of visualization modes besides white light mode (picture-in-picture). • Homogenous light mode for peripheries and posterior end available in the system. • Vascularity enhancement mode for better tissue differentiation. • Pointer and Grid Functions for teaching and conferences. • Modular design: Digital FULL HD camera module should be compatible for use with video flexible chip on tip endoscopes. The system should also be upgradable to 3D technology. • Should be provided with Non-medical grade trolley 		

	<p><u>Technical Specifications:</u></p> <p>Image sensor: 3X1/3" CCD-Chip.</p> <p>Pixels 1920 x 1080</p> <p>AGC: Microprocessor controlled</p> <p>Lens: Integrated Zoom Lens f = 15-31 mm (2x optical zoom)</p> <p>Minimum light sensitivity: 1.17 Lux (f = 1.4 mm).</p> <p>Control buttons: 3 (2 of them freely programmable).</p> <p>Video output: 2 x DVI-D output, 1 x 3G-SDI output, 3 x camera input for communication with compatible camera modules, LAN connection, 4 x USB connection (2 x front, 2 x back).</p> <p>Input: Keyboard input for character generator.</p> <p>Power Supply:- 100-240 VAC 50/60 Hz</p> <p>Certified to : IEC 601-1, 601-2-18, CSA No. 601, UL 2601 and CE according to MDD, protection class1/CF</p>		
2	High Definition Medical Grade Monitor		
	The monitor should have:		
	<p>HDTV display in original 16: 9 format. 1080 p/ 50 & 1080 p/60 displays possible. LED crystal display. Max. Resolution of 1920X1080. Screen diagonal – 27 inches Desk top with pedestal. Should have the facility of PIP mode.</p> <p>Accessories External 24VDC Power Supply, Mains Cord, Pedestal. Certified to : EN 60601-1, protection class IPX 1</p>		
4	LED 175 W Light Source with Fiber optic cable		

	<ul style="list-style-type: none"> • Color Temperatures 6400K • Light Outlets – 1 • Lamp life should be 30000 working hours • Light Intensity Adjustment: - Continuously adjustable manually and automatically by cameras video output signal. • Light source should be a separate unit. • Should be supplied with Diameter 3.5mm, Length 230cm. • Certified To :- IEC 601-1 & UL 544 CE According to MDD, protection class 1/CF 		
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B. TECHNICAL SPECIFICATION OF INSTRUMENTS FOR MUCOR DEBRIDEMENT SURGERY

	Description	Qty		
	Wide Angle Straight Forward Telescope 0°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated	1		
	Wide Angle Forward- Oblique Telescope 30°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated	1		
	Wide Angle Forward- Oblique Telescope 45°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated	1		

Sl. No.	Technical Specification	QTY	Technical Specificati on quoted by bidder	Bidders deviation, (if any)
	Wide Angle Forward- Oblique Telescope 70°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated	1		
	Straight forward telescope,0 degree enlarged view, size: 2.7MM rod lenses system, Length:18-19 CM, Autoclavable, Fiber optic light transmission incorporated.	1		
	Trocar and Cannula for sinoscopy O.D. 5 mm, length of the cannula 8.5 cm, fenestrated beak	1		
	HARTMANN Nasal Speculum, for adults, length 13 cm	1		
	Telescope Handle, flat, standard model, length 11 cm, for use with Staright Forward Telescopes 0- with diameter 4 mm and length 18 cm	1		
	Bipolar Coagulating Forceps, insulated, angular, blunt, for nose, with integrated suction channel for epistaxis, with cut-off hole, length 19 cm, for use with bipolar high frequency cord	1		
	Bipolar Suction-Forceps, 45- upturned, with suction channel, for bipolar coagulation in paranasal areas, working length 12,5 cm, for use with bipolar high frequency cable	1		
	Bipolar High Frequency cord, length 40 cm	1		
	Septum Needle, angular, LUER-lock	1		
	Sickle Knife, pointed, length 19 cm.	1		
	Antrum Curette, length 19 cm, oblong, small size	1		
	KUHN-BOLGER Frontal Sinus Curette, small oblong, forward cutting, length 19 cm, 55- curved	1		
	KUHN-BOLGER Frontal Sinus Curette small oblong, forward cutting, length 19 cm, 90- curved	1		
	Antrum Curette, length 19 cm, small size, forward cutting	1		
	Probe, double-ended, maxillary sinus ostium seeker, length 19 cm, ball sizes: diameter 1.2 mm and 2.0 mm	1		
	COTTLE Elevator, double-ended, semi-sharp and blunt, graduated, length 20 cm.	1		
	Suction Tube, conical, malleable, with grip plate, LUER, O.D. 2.5 mm, working length 13 cm	1		
	FRAZIER Suction Tube, with cali- bration markings from 5 cm - 9 cm working length 10 cm, 9 Fr.	1		
	HEUWIESER Antrum Grasping Forceps, jaws curved downwards, fixed jaw curved 90-, movable jaw opening up to 120-, backward opening, working length 10 cm	1		
	BLAKESLEY- WILDE Nasal Forceps, 90- upturned, working length 13 cm, size 1	1		
	BLAKESLEY Nasal Forceps, 45- upturned, size 1, working length 13 cm	1		
	BLAKESLEY Nasal Forceps, straight, working length 13 cm, size 1	1		

Sl. No.	Technical Specification	QTY	Technical Specificati on quoted by bidder	Bidders deviation, (if any)
	Nasal Scissors, working length 13 cm, straight.	1		
	Forceps, cupped jaws, vertical opening, working length 12 cm, 65-uptur- ned, jaws diameter 3 mm	1		
	Forceps, cupped jaws, horizontal opening, working length 12 cm, 65-uptur- ned, jaws diameter 3 mm	1		
	Biopsy and Grasping Forceps, very fine, sheath diameter: 1.5 mm, working length: 14 cm, with 3 mm oval cupped jaws.	1		
	Antrum Punch, working length 10 cm, left side downward and forward cutting	1		
	Antrum Punch, working length 10 cm, right side downward and forward cutting	1		
	Antrum Punch, working length 10 cm, left side backward cutting.	1		
	Antrum Punch, working length 10 cm, right side backward cutting.	1		
	Nasal Cutting Forceps, working length 13 cm	1		
	Suction Punch with inside suction channel, working length 10 cm, size 1, straight	1		
	Suction Punch, with inside suction channel, working length 10 cm, size 1, 30-upturned	1		
	Biopsy and Grasping Forceps, vertical opening, distal end malleable, with 4 mm cupped jaws, for sinuscopy to be used through trocar, working length 18 cm	1		
	Punch, circular cutting for sphenoid, ethmoid and choanalatresia, working length 18 cm, diameter 4.5 mm	1		
	Punch, circular cutting, 65 deg upturned, for frontal Sinus/Recess, working length 17 cm, diameter 3.5 mm	1		
	Bipolar suction forceps, 15deg, 45 deg upturned 11-13cm	1		
	Bipolar High Frequency cord, with two 2 mm cable sockets for bipolar coagulating forceps and standard pin for connection to all current bipolar cables, length 40 cm	2		
	MONTGOMERY-YOUNGS Clip Applicator, for endonasal sphenopalantine artery ligature, with suction channel, handle with spring, straight, with cleaning connector, working length 13cm	1		
	Titanium LT200, medium, 5mm, sterile, package of 36 cartidges with 6 clips each	1		
	ALL the above equipment's should be from Same manufacturer			
	Must have FDA & CE/ISO Certificate			

Technical Specifications for Coblation -II System

Sr. No	Technical Specification	Technical Specificati on quoted by bidder	Bidders deviation, (if any)
	Coblator system capable of performing tissue ablation, tissue coagulation and hemostasis via Controlled, Precise Plasma Layer.		
	Unit should operate in a temperature range of 40 to 70 Degrees.		
	Should be US FDA Approved		
	The 100mm – 200mm plasma field allows for precise removal of soft tissue		
	The Coblation Wand should have Multi Electrode Technology that will allow a uniform production of plasma.		
	The Wands should have integrated cable and electrodes made of Tungsten precise plasma layer.		
	The Wands should have malleable shaft so as to provide access to reach difficult areas.		
	Suction probes should have the Integrated IV tubing's.		
	Probes with dual function of Coblation and Shrinkage should have depth markers and limiters on shaft.		
	Probes should have an inbuilt saline delivery system to ensure saline reaches tip of the probe irrespective of probe orientation.		
	The output voltage settings should be controlled by regulation on the generator from setting 1-9		
	The Coblator System should be digital which also covers the Coblation & Coagulation regulation.		
	The Coblator System should have facility to use a foot control for convenience and ease of use.		
	There should be facility of separate switches at the foot control for coblation and coagulation.		
	Coblation regulation from the foot control switch can also be done		
	The Coblation Surgery System should be able to take multiple range of probes for open and minimally invasive ENT procedures like Tonsillectomy, Base Tongue, Adenoidectomy, Turbinate Reductions, Submucosal Turbinate Resection, Soft Palate, Laryngeal Procedures etc.		
	There must be wands which are sufficient enough for Ablation, Coagulation, and Hemostasis together with Suction & Irrigation.		
	The unit should be able to recognize the Coblation Wands and as a precaution and safety measure must automatically shift to the desired settings of Coblation and coagulation.		
	There must be provision for sub-mucosal tissue ablation and shrinkage.		
	It should operate at 100-300V and 100-500kHz		
	There should be a saline irrigation controller with manual and auto-mode.		
	There shouldn't be any separate power requirements for the Saline Flow Controller rather, it should derive power and run in synchronization with Coblation Surgery System Plasma Generator.		

Technical Specifications for Coblation -II System			
Sr. No	Technical Specification	Technical Specification quoted by bidder	Bidders deviation, (if any)
	Coblator system capable of performing tissue ablation, tissue coagulation and hemostasis via Controlled, Precise Plasma Layer.		
	Unit should operate in a temperature range of 40 to 70 Degrees.		
	Should be US FDA Approved		
	The 100mm – 200mm plasma field allows for precise removal of soft tissue		
	The Coblation Wand should have Multi Electrode Technology that will allow a uniform production of plasma.		
	The Wands should have integrated cable and electrodes made of Tungsten precise plasma layer.		
	The Wands should have malleable shaft so as to provide access to reach difficult areas.		
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	There must be provision for sub-mucosal tissue ablation and shrinkage.		
	It should operate at 100-300V and 100-500kHz		
	There should be a saline irrigation controller with manual and auto-mode.		

SPECIFICATION OF MAIN CONSOLE FOR MICRO DEBRIDER

Sr. No	Technical Specification	Technical Specification quoted by bidder	Bidders deviation, (if any)
	Should be a versatile powered ENT system, that lets to choose just the power required for various ENT and Aesthetic related surgeries		
	The system should be suitable for wide variety of procedures ranging from Rhinology, Other transnasal procedures, Otology/ Neuro otology / Nasopharyngeal / laryngeal / tracheal / bronchial		
	Should drive the hand piece for Adenoid specific application.		
	Should have in built user friendly interactive menu and illustrative help guide.		
	Should have large Touch screen monitor		
	The various parameters should be able to adjust either from touch screen panel or from the multifunction foot switch		
	Should be able to connect multiple hand pieces at a time like debrider hand pieces (Up to 7500 RPM in Oscillating mode & 30000 RPM in Forward mode), low speed Otology drills (Up to 16000 RPM) and High speed Otology drills (Up to 60000 RPM).		
	Console should recognize the various hand pieces and automatically adjust the settings accordingly.		
	Should have inbuilt pumps each for Irrigation (5Cc / Min to 100Cc / Min) and Cooling.		
	Should have multifunction ergonomically designed foot control with light emission for easy identification.		
	Should be able to control Speed / Mode, Forward / Reverse toggle, Active hand piece change from the Foot control itself.		
	Should have option for remote control Irrigation to operate from sterile area.		
	Should have in built Lens cleaning system.		
	Should have 0 Degree, 30 Degree, 45 Degree & 70 Degree endoscope sheath compatibility for Automatic Lens cleaning system.		
	Main Console should have an option to operate manual foot paddle from console itself in case the foot paddle are not working.		
	Should have the provision to mount the console on various sizes of IV pole.		

SPECIFICATION OF HIGH SPEED MICRO DEBRIDER HAND PIECE

	Should be compatible with main console.		
	Should be able work up to the speed of 30000 RPM in forward rotation and 7500RPM in oscillation mode.		
	Should have fingertip control to rotate only the tip of the blade up to 360 deg.		
	Should have straight suction path to reduce clogging and allow efficient tissue removal.		
	Should have integrated blade locking system to lock the blade tip rotation.		
	Should have integrated side grooves and cable clips to provide better tubing management.		
	Should have Titanium body to avoid rusting.		
	Should be light in weight and ergonomically designed.		

Sr. No	Technical Specification	Technical Specification quoted by bidder	Bidders deviation, (if any)
	Should be able to operate 120 Degree curved blade for Maxillary Sinus Application.		
	Should be able to operate Diamond & Cutting burs for DCR Surgeries. Should have provision to operate Inferior Turbinate blade for Turbinoplasty and Adenoid blade for Adenoidectomy.		
	Should be compatible with Frontal Trephination System for some specific Frontal Sinus Surgery.		
	Should be compatible to operate Endoscopic Skull Base Bur at 30,000 rpm speed.		

Specifications for High Speed Electric Drill Handpiece			
Sr. No	Technical Specification	Technical Specification quoted by bidder	Bidders deviation, (if any)
	Drill handpiece should be ergonomically designed and easy to hold while operating.		
	Drill must be useful for lateral skull base, transnasal skull base & oncology procedures.		
	The system should have electric motor which has maximum stall torque more than 42 mNM.		
	Motor should run up to maximum speed of 75000 RPM		
	Weight of the drill should not be more than 90 grams and length should be less than 11.0 cm with diameter not exceeding 1.70 cm.		
	Should have integrated cable to connect to the console.		
	Motor should not require any lubrication for movement.		
	Handpiece should have quick release and lock system for tools and attachment.		
	The handpiece should be provided with one straight and one angled attachment.		
	The handpiece should be compatible with trans nasal skull base burrs with inbuilt irrigation which should be directly attachable to the motor.		
	Drill must be provided with variety cutting and diamond burs.		
	Drill should have an upgradable option to attach variable length straight and variable length angled attachment.		
	Drill must be provided with irrigation tubing which can be programmed to provide intermittent or continuous irrigation.		
	Drill should have option of directly fitting curved burs with inbuilt irrigation.		