

**Re-Tender  
For  
Equipments for District Early Intervention  
Centre (DEIC)  
Under Rashtriya Bal Swasthya Karyakaram  
National Health Mission  
At  
Jawaharlal Nehru Medical College Hospital  
AMU, Aligarh.**

**NIT Issue Date** : 12 March, 2018  
**NIT No.** : JNMC-DEIC(P)/Tender/12/2017-18  
**Last Date of Submission** : 22<sup>nd</sup> March, 2018 upto 03:00 PM

Tender documents may be downloaded from university web site [www.amu.ac.in](http://www.amu.ac.in)



**Aligarh Muslim University Aligarh**

Office of the Medical Superintendent

JN Medical College Hospital

AMU Aligarh 202002

Email: [deic.aligarh@gmail.com](mailto:deic.aligarh@gmail.com)

Jawaharlal Nehru Medical College AMU Aligarh invites **bids in two bid system for** tenders for supply & installation of the **Equipments for District Early Intervention Centre {DEIC}** at the institute. You are requested to quote your best offer along with the complete details specifications, terms & conditions.

**Instructions:**

**1. Tender Cost:**

Applicant contractor must submit the demand draft for Rs. 500/- (Five Hundred only) in favour of Finance Officer AMU Aligarh obtained from any Nationalized/ scheduled Bank as a tender fees. All applicable bank charges shall be borne by the applicant and he shall not have any claim what so ever on this account on Government. The Demand Draft submitted for tender fee shall be non- refundable. **The demand drafts for tender fees must be delivered to JN Medical College Aligarh along with tender quotation on or before last date/time of Bid Submission.**

**2. The Hard Copy of original instruments in respect of cost of tender document must be delivered to the JN Medical College Aligarh on or before last date/time of Bid Submission as mentioned above. The bid without tender fee will be summarily rejected.**

**3. Submission of Tender:**

The tender shall be submitted in two part, viz., technical bid and financial bid. All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

**The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.**

**i) Technical Bid**

The following documents are to be furnished by the Contractor along with **Technical Bid** as per the tender document:

- i) Signed and scanned copy of appropriate value of valid registration certificate (if any), experience certificate as per the tender notice, PAN, GST registration certificate and Tender Acceptance Letter.
- ii) Signed and Scanned copy of documents like Tender Cost / Tender Fees
- iii) Signed and Scanned Copy of Make and model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.

## **Terms & Conditions:**

1. **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.
2. In case of any query / clarification, the prospective bidders are requested to write on  
**e-mail: deic.aligarh@gmail.com**
3. In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.

#### **4. Delivery and Installation:**

##### **I. For goods supplied from India:**

All the goods ordered shall be delivered and Installed at JN Medical College Aligarh, within **60 days** from the date of issue of supply order.

##### **II. For goods imported directly from abroad:**

All the goods ordered shall be delivered and Installed at JN Medical College Aligarh, within **90 days** from the date of opening of letter of credit for shipment.

All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver, install and commission the goods on or before the stipulated date, then a penalty at the rate of 0.5% per week of the total order value shall be levied subject to maximum of 10% of the total order value. The successful tenderer will also provide required training for supplied items at JN Medical College Aligarh. The goods should be manufactured after adoption of latest technology.

If at any time during the currency of the contract, the supplier encounters conditions hindering timely of the goods and performance of services, the supplier shall promptly inform the JN Medical College Aligarh, for extension of the delivery schedule accordingly. On receiving the supplier's communication, the JN Medical College Aligarh, shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

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.

#### **5. Incidental Services:** The supplier shall be required to perform the following services:-

- a. Installation & Commissioning, Supervision and Demonstration of the goods.
- b. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- c. On Site Training to Doctors/ Technicians/ Staff is to be provided by Supplier for operation and maintenance of the equipment for a period of 30 working days after successful installation of the machine, as per direction of user department.
- d. Supplying required number of operation & maintenance manual for the goods.
- e. To provide non-locked open software and standard interface inter-operability conditions for networked equipment's in hospital management information system, wherever applicable.

5. **Accessories & Consumables:** The separate price list of all accessories and consumables, if any, must be attached/ enclosed along with the Financial Bid.
6. **After Sales Service:** After sales service centre should be available on 24 (hrs.) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 24 hrs to ensure an uptime of minimum 95%, wherever applicable, failing which the necessary penalty measures shall be enforced.
7. **Inspection:**
  - a. JN Medical College Aligarh shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the Purchaser.
  - b. JN Medical College Aligarh has the right to inspect, test and, where necessary, reject the Goods after the goods arrival at the final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by JN Medical College Aligarh, prior to the goods shipment.
  - c. Medical superintendent, JN Medical College Aligarh, shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
  - d. No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.
8. **Documents:**
  - a. **All pages of the Tender should be numbered and indexed.**
  - b. The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully confirm to the goods and services specified by the purchaser in the tender documents. For this purpose the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the tender documents to establish technical responsiveness of the goods and services offered in its tender duly indicating relevant page numbers in the product literature.
  - c. The bidder shall provide a list of major Government and Private Institutions where its relevant bid item has been supplied during last Three year.
9. **Manufacturer Authorisation:** The bidder (if not original equipment manufacturer must submit Original Equipment Manufacturer authorization certificate that the tenderer is authorized for selling and maintain the equipment quoted for. Performa attached at **Annexure- III**.
10. The bidders are required to submit user certificate for the relevant equipment on the letter head of the institution (Government/ Private).
11. The successful bidder will be required to submit order copies of the supply of the equipment in Government institutions in last 36 month for rate reasonability purpose.
12. **Insurance:** - The supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. If the equipment's is not commissioned and handed over to JN Medical College Aligarh, within specified period, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the JN Medical College Aligarh.
13. **Tender Currencies:**
  - a. The bidder supplying indigenous goods or already imported goods shall quote only in Indian Rupees. Further, imported goods to be imported and supplied by the bidder are also required to be quoted in Indian Rupees.

- b. For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Yen. As regards price(s) for allied services, if any, required with the goods, the same shall be quoted in Indian Rupees only, if such services are to be performed /undertaken in India.
- c. Tenders, where prices are quoted in any other way shall be treated as non -responsive and rejected.

**14. Tender Prices:** While filling up the columns of the Financial Bid, the following aspects should be noted for compliance:

**For domestic goods or goods of foreign origin located within India, the prices in the corresponding Financial Bid shall be entered separately in the following manner:**

- a. The price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST/ GST, CENGST, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc.;
- b. Any sales tax or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
- c. Charges towards Packing & Forwarding, Inland Transportation, Insurance, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Financial Bid;
- d. The price of Incidental Services, as mentioned in List of Requirements and Financial Bid;
- e. The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- f. The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

**For goods offered from abroad, the prices in the corresponding Financial Bid shall be entered separately in the following manner:**

- a. The price of goods quoted FOB port of shipment, as indicated in the List of Requirements and Financial Bid;
- b. The price of goods quoted CIF port of entry in India as indicated in the list of Requirements and Financial Bid;
- c. The price of goods quoted for delivery at JN Medical College Aligarh, as indicated in the list of Requirements Financial Bid and Consignee List;
- d. Wherever applicable, the amount of custom duty with CDEC applicable on CIF value on the goods to be imported;
- e. The charges for Loading/Unloading, Inland transportation, Insurance and other local costs, Incidental cost to delivery of the goods from the port of entry in India to JN Medical College Aligarh, as specified in the List of Requirement and Financial Bid;
- f. The charges for Incidental Services, as in the List of Requirement and Financial Bid;
- g. The prices of Turkey ( if any), as mentioned in List of Requirements, Technical Specification and Financial Bid; and
- h. The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Financial Bid.

**Additional information and instruction on Duties and Taxes:** If the Bidder desires to ask for excise duty, sales tax/CST / GST/ CENGST, Custom Duty, Service Tax, Works Contract Tax etc. to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

**Excise Duty:**

- a. If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.
- b. If a Bidder chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the Bidder must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.
- c. Subject to sub clauses (a) & (b) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

**Sales Tax:** - If a bidder asks for sales tax/CST / GST/CENGST, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The CST / GST/CENGST, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax/ CST / GST/CENGST, Service Tax and Works Contract Tax and is payable as per the terms of the contract.

**Octroi Duty and Local Duties & Taxes:-** Normally, goods to be supplied to Government departments against Government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned Government department. Keeping this in view, the supplier shall ensure that the goods to be supplied by the supplier against the contract placed by the JN Medical College Aligarh, are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the JN Medical College Aligarh. However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the JN Medical College Aligarh, to enable the JN Medical College Aligarh, reimburse the supplier and take other necessary action in the matter.

**Customs Duty:** In respect of imported goods offered from abroad, the bidder shall specify the rate as well as the total amount of customs duty payable with Custom Duty Exemption Certificate, if applicable, on the quoted goods in the Financial Bid. The bidder shall also indicate the corresponding Indian Customs Tariff Number applicable for the goods.

- a. For transportation of imported goods offered from abroad, relevant instructions as incorporated shall be followed.
- b. For insurance of goods to be supplied, relevant instructions as provided shall be followed.
- c. Unless otherwise specifically indicated in this NIT document, the terms FCA, FOB, FAS, CIF, CIP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris.
- d. The need for indication of all such price components by the bidders, as required in this clause is for the purpose of comparison of the tenders by the purchaser and will no way restrict the JN Medical College Aligarh, right to award the contract on the selected bidder on any of the terms offered.

**15. Indian Agent:-** If a foreign bidder has engaged an agent in India in connection with its bid, the foreign bidder, in addition to indicating Indian agent's commission, if any, shall also furnish the following information:

- a. The complete name and address of the Indian Agent and its Permanent Account Number as allotted by the Indian Income Tax authority.
- b. The details of the services to be rendered by the agent for the subject requirement.
- c. Details of Service outlets in India, nearest to the JN Medical College Aligarh, to render services during Warranty and CMC Period.

**16. Firm Price**

- a. Unless otherwise specified in the NIT, prices quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.
- b. However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated will apply.

**17. Conversion of tender currencies to Indian Rupees:** - In case the bid document permits the bidders to quote their prices in different currencies, all such quoted prices of the responsive bidders will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the closing exchange rates established by the Reserve Bank of India for similar transactions, as on the date of '**Last Date of Submission of Tender**'.

**18. Payment Terms:**

**i) Payment for goods supplied from India:**

100% payment of the total order value shall be released after the successful installation/ commissioning of the ordered goods against the submission of the inspection report.

**ii) Payment for Imported goods:**

For imported goods payment shall be made in the following manner:

- a. **On shipment:** 75% payment of the contract price shall be paid 60 days after presentation of shipping documents {goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country} and upon the submission of the following documents:
  - i. Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
  - ii. Original and four copies of the clean, on-board Bill of Lading/ Airway bill, marked freight prepaid and four copies of non-negotiable Bill of Lading/Airway bill.
  - iii. Insurance Certificate;
  - iv. Certificate of origin by the chamber of commerce of the concerned country;
  - v. Certificate of country of origin;
  - vi. Manufacture's / Supplier's warranty certificate;
  - vii. Manufacturer's own factory inspection report.
- b) **On Acceptance:** 25 % payment would be made after satisfactory installation & commissioning on issuance of Inspection certificate by the JN Medical College Aligarh.

*Note:-The supplier shall not claim any interest or any other payment under the contract.*

**19. Custom Clearance:** For the Goods to be imported and supplied, the Institute will provide Custom Duty Exemption Certificate (CDEC) to successful bidder for availing concessional rate of duty as per prevailing Custom Tariff. In case, the bidder requires CDEC certificate, then the same should be specifically mentioned in the bid. The supplier is solely responsible for getting the material clearance from customs. Institute will provide all custom documents for custom clearance on the demand of supplier. Transportation of goods up to JN Medical College Aligarh, and its successful installation and commissioning is also the responsibility of the supplier. All charges/ expenses incurred in this process will be borne by the supplier. **NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC.**

- 20. Guarantee / Warrantee Period:** The Tenderers must quote for mentioned against items 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 **05 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.
- 21. Uptime guarantee:** The firm should provide uptime guarantee of 95%
- 22. 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.
- 23. 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 to the sole arbitrator i.e. Vice-Chancellor AMU Aligarh, or his nominee. The decision of the sole arbitrator shall be binding on parties. The venue of arbitrator will be at Aligarh.
- 24. 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 JN Medical College Aligarh, which will be at liberty to refuse if thinks fit. The tender is not transferable. Only one tender shall be submitted by one tenderer.
- 25. 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 JN Medical College Aligarh, in that event the security deposit shall also stands forfeited.
- 26. 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 JN Medical College Aligarh, shall have the power to terminate the contract without any prior notice.
- 27. Force Majeure:** If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been so resumed or not shall be final and conclusive.



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

28. 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.
29. The quantity of item given in the tender is tentative, which may be increased or decreased as per the institute's requirement.
30. Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.
31. Conditional bid will be treated as unresponsive and it may be rejected.
32. **Demonstration:** - JN Medical College Aligarh, reserves the right to ask the tenderers for arranging demonstration of their equipment for which rates have been quoted, to the concerned committee, if required.
33. 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).
34. **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 Aligarh Uttar Pradesh, 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 Aligarh. 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.

**Medical Superintendent  
JN Medical College Hospital  
A.M.U. Aligarh**

## Annexure-I

### Technical specifications for operating Microscope

<b><u>TECHNICAL CHARACTERISTICS</u></b>		
<b>Technical characteristics (specific to this type of device)</b>	Focusing system (Varioskop)	Internal, motorized, continuously adjustable, triggered via handgrip or foot control panel
	Speed Fokus	Auto focus system
	Working range	200–415 mm
	Main binocular tube	- 180° tiltable tube, f = 170 mm, 10x or 12.5x widefield eyepieces - Straight tube, f = 170 mm (optional) - Foldable Tube f170 / f260, including PROMAG TM function for additional 50 % magnification and integrated rotate function (optional)
	Illumination	Superlux 180 for main and backup Illumination: - 180 W xenon light source with daylight color temperature - Backup xenon light source with fast-action lamp changer
	Rated voltage	115 V / 230 V ± 10 %
	Rated frequency	50–60 Hz
	Power consumption	115 V, max. 10 A 230 V, max. 8 A
	Circuit breaker	Automatic
<b><u>PHYSICAL CHARACTERISTICS</u></b>		
<b>Dimensions (metric)</b>	Diaphragm approx: 20 mm	
<b><u>ACCESSORIES, SPARE PARTS, CONSUMABLES</u></b>		
<b>Accessories &amp; Spares; Consumables / reagents (open, closed system)'</b>	1 x spare set of earpiece, 1 x spare diaphragm,	
<b><u>STANDARDS AND SAFETY</u></b>		
<b>Certifications</b>	by ISO 9001 certified manufacturer	
<b><u>WARRANTY AND MAINTENANCE</u></b>		
<b>Warranty</b>	1 year / CMC as mentioned in TD (Tender Document) / consumables / spare parts in manufacture warranty to be replaced/repared free of cost.	

## Specifications for Nerve Monitoring Systems -8 Channels

	<b><u>TECHNICAL CHARACTERISTICS</u></b>
<b>Technical characteristics (specific to this type of device)</b>	<ul style="list-style-type: none"><li>• Should be able to monitor cranial and peripheral motor and mixed motor-sensory nerves during surgery</li><li>• Should be Eight Channel monitoring</li><li>• Should monitor simultaneously during bipolar cautery</li><li>• Should have Real-time continuous monitoring with ‘Automatic Periodic Stimulation’™ electrode</li><li>• Should have high sensitivity with reduced interference.</li><li>• Should have Artifact detection feature to distinguish between artifact and EMG signals</li><li>• Should have electrode – checking features</li><li>• Should have improvised user friendly interface</li><li>• Should have Incrementing probe to adjust stimulus level and print or save by the surgeon from the sterile area</li><li>• Should have ability to use two stimulators at once</li><li>• Should be able to save and load custom settings with quick setup.</li><li>• Should be able to log EMG activity throughout a procedure for records</li><li>• Should be able to get printable case log report for patient records</li><li>• Should have inbuilt nerve and electrode placement guide</li><li>• Should have touch screen control for ease of use</li><li>• Should have color coded channel labeling for easy identification and use.</li><li>• Should have multiple USB ports for connection with mass storage devices including compact flash drives, along with provision to connect external printer</li><li>• Should give audio output also, in addition to video output and there should be provision to connect headphones</li><li>• Should have option for Surgeon mini screen to display monitoring information on small screen with a provision to mount on a IV pole</li><li>• Should have provision to connect external keyboard</li><li>• Should provide high stimulation ranges of 0.01mA to 30.00 mA</li><li>• Stimulators should be malleable tip Monopolar probe and Bipolar probe with optional dissecting tool stimulators</li><li>• Should have the APS electrode for doing the thyroid surgery.</li><li>• System should include:</li></ul>

1. Monitor.
2. Incrementing patient interface.
3. Patient simulator.
4. Muting detector probe.
5. Incrementing Probe.
6. Paired sub dermal Electrodes.

**PHYSICAL CHARACTERISTICS**

**Dimensions (metric)**

Diaphragm approx: 20 mm

**ACCESSORIES, SPARE PARTS, CONSUMABLES**

**Accessories & Spares;  
Consumables / reagents  
(open, closed system)'**

1 x spare set of earpiece, 1 x spare diaphragm,

**STANDARDS AND SAFETY**

**Certifications**

by ISO 9001 certified manufacturer

**WARRANTY AND MAINTENANCE**

**Warranty**

1 year / CMC as mentioned in TD (Tender Document) / consumables / spare parts in manufacture warranty to be replaced/repared free of cost.

**SPECIFICATION FOR PORTABLE MODULAR RETINAL CAMERA FOR PREMATURE BABIES( ROP Device)**

<b><u>TECHNICAL CHARACTERISTICS</u></b>	
<b>Technical characteristics (specific to this type of device)</b>	<ol style="list-style-type: none"> <li>1. It should be Handheld Light weight portable modular retinal camera for diagnosis of retinal diseases of the premature babies.</li> <li>2. Weight should be less upto 1kg.</li> <li>3. Field of view minimum 120 degree using Single lens.</li> <li>4. Should be transportable between hospital and clinics.</li> <li>5. Should capture anterior and posterior image of eye.</li> <li>6. Should be able to capture images of the entire eye in a video mode and should be convertible to an image mode for email.</li> <li>7. Retinal camera should be tele medicine compatible so that the high quality and high resolution images of the infant eye could be shared with anyone anywhere for views.</li> <li>8. Software should support sending and receiving images and diagnosis.</li> <li>9. Should have high quality image editing tool to convert the film clip of the screening to frames and freedom of selecting frames and should be able to stitch the frames together to provide a panoramic view.</li> <li>10. Should also assist in image enhancement and compression for faster and efficient transmission.</li> <li>11. Should have adjustable intensity, gain, balance, brightness, contrast, and gamma.</li> <li>12. Should be compatible with DICOM export, Telemedicine, USB 3.0, MS WINDOW 8.1 or better.</li> <li>13. Image resolution -- -- -- 2040x2040-24 bit colors.</li> <li>14. Minimum Pupil diameter -- 4mm</li> <li>15. Field of view - 120 degree from the center of the eye.</li> <li>16. Should supplied with branded laptop with following specification High Speed i7 Processor or more , RAM 16 GB or more , Hard disk -1 TB or more , Window 8.1 Display at least 16 inch or more</li> <li>17. Scope of supply Handheld Retinal camera, laptop, docking station, power console, foot control for focusing and intensity control.</li> </ol>

**PHYSICAL CHARACTERISTICS**

<b>Dimensions (metric)</b>	Diaphragm approx: 20 mm
<b><u>ACCESSORIES, SPARE PARTS, CONSUMABLES</u></b>	
<b>Accessories &amp; Spares; Consumables / reagents (open, closed system)'</b>	1 x spare set of earpiece, 1 x spare diaphragm,
<b><u>STANDARDS AND SAFETY</u></b>	
<b>Certifications</b>	by ISO 9001 certified manufacturer
<b><u>WARRANTY AND MAINTENANCE</u></b>	
<b>Warranty</b>	5 year / CMC as mentioned in TD (Tender Document) / consumables / spare parts in manufacture warranty to be replaced/repared free of cost.

## USG B SCAN SPECIFICATIONS

### TECHNICAL CHARACTERISTICS

<b>Technical characteristics (specific to this type of device)</b>	<ul style="list-style-type: none"><li>• Adjustable Gamma: Linear, S-Curve, Log, Color</li><li>• Axial Resolution: 0.015mm Electronic</li><li>• Data Archive/Export Capability: Yes</li><li>• Dimensions: 7" L x 1.25" Diameter</li><li>• Field Of View: 12 MHz = 64mm or 15 MHz = 52mm</li><li>• Focal Point: 22mm</li><li>• Focal Zone: 20mm</li><li>• Frame Rate per Second: 15, 30 max</li><li>• Frequency: 12 or 15 MHz</li><li>• Frozen Image Gain Adjustment: Yes</li><li>• Gain: 0-112dB</li><li>• Lateral Resolution: 0.0085mm Electronic</li><li>• Measurement Calipers with Velocity Adjustment: 4 Line, 2 Area, 2 Angle</li><li>• Reports: Integrated Microsoft Word</li><li>• Scanning Angle: 60 Degrees</li><li>• Size Of Cine Loop: 16-128 MB</li><li>• Snapshot Format: jpeg, png, tiff, gif</li><li>• TGC: Yes</li><li>• Weight: 6 oz.</li><li>• Zoom: 2x optical zoom, 8x maximum</li></ul>
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### PHYSICAL CHARACTERISTICS

<b>Dimensions (metric)</b>	Diaphragm approx: 20 mm
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### ACCESSORIES, SPARE PARTS, CONSUMABLES

<b>Accessories &amp; Spares; Consumables / reagents (open, closed system)</b>	1 x spare set of earpiece, 1 x spare diaphragm,
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### STANDARDS AND SAFETY

<b>Certifications</b>	by ISO 9001 certified manufacturer
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### WARRANTY AND MAINTENANCE

<b>Warranty</b>	1 year / CMC as mentioned in TD (Tender Document) / consumables / spare parts in manufacture warranty to be replaced/repared free of cost.
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**Annexure-II**

**TECHNICAL BID**

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone No:-  Mobile No:-  Email Id:-	
Name and address of service centre nearby JN Medical College Aligarh,	
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).	
GST No. (enclose the attested copy of GST Certificate).	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of tender fee.	
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**

**MANUFACTURER'S / PRINCIPAL'S AUTHORIZATION FORM**

To

Medical Superintendent  
JN Medical College Hospital  
A.M.U. Aligarh  
Sir,

TENDER: \_\_\_\_\_.

we, \_\_\_\_\_, who are established and reputable manufacturers of \_\_\_\_\_, having factories at \_\_\_\_\_ and \_\_\_\_\_, hereby authorize Messrs. \_\_\_\_\_ (name and address of agents)

to bid, negotiate and conclude the contract with you against Tender

No. \_\_\_\_\_ for the above goods manufactured by us. No company or firm or individual other than Messrs. \_\_\_\_\_ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

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

The authorization is valid up to \_\_\_\_\_

Yours faithfully,

(Name)

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

**Annexure-IV**  
**Financial Bid**

**A) FINANCIAL BID FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA OR GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES**

1	2	3	4	5						6	
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at JN Medical College Aligarh) basis (Rs.) = {4 x 5(g)}
				Ex - factory/ Ex-warehouse /Ex-showroom /Off-the shelf (a)	Excise Duty(if any) [%age & value] (b)	Sales Tax/ GST(if any) [%age & value] (c)	Packing and Forwarding charges (d)	Inland Transportation, Insurance, loading/unloading and Incidental costs - JN Medical College Aligarh, (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at JN Medical College Aligarh, (f)	Unit Price (at JN Medical College Aligarh, basis (g)= (a+b+c+d+e+f)	

Total Tender price in Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately.
3. The Bidder must quote price for "GOODS TO BE IMPORTED AND SUPPLIED AGAINST PAYMENT IN INDIAN RUPEES" after having taken in to account, the provision of Custom Duty Exemption Certificate (CDEC) by the Purchaser, as per Customs Tariff Act.

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

## Financial Bid

### B) FINANCIAL BID FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5				6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)				Total price on Destination + Insurance (local transportation and storage)  = {4X 5 (d)}
				FOB price at port/ airport of Lading  (a)	Carriage & Insurance (port of loading to port of entry) and other Incidental costs**  (b)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at JN Medical College Aligarh**  (c)	Unit Price on DDP JN Medical College Aligarh, + Extended Insurance (local transportation and storage)  (d) = a+b+c	

\*\* To be paid in Indian Currency (Rs.)

Total Tender price in foreign currency: \_\_\_\_\_

In words: \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted.
3. The Bidder will be fully responsible for the safe arrival of the goods JN Medical College Aligarh, in good condition as per terms of DDP as per INCOTERMS, if applicable.

Indian Agent:

Indian Agency Commission - \_\_\_\_% of FOB

Place:

Date:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

## Financial Bid

### C) FINANCIAL BID FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD:

1. S.No.	2. DESCRIPTION OF GOODS	3. QUANTITY. (Nos.)	4. Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					5. Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	
			a	b	c	d	e	

\* After completion of Warranty period.

Service Tax: Whether extra or inclusive, if extra, indicates the rate \_\_\_\_\_.

**NOTE:-**

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted as per NIT conditions on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. All software updates should be provided free of cost during CMC period.
6. The stipulations in Technical Specification will supersede above provisions
7. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Date:

Place:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder: