



GOVERNMENT OF ASSAM

PRINCIPAL CUM CHIEF SUPERINTENDENT  
JORHAT MEDICAL COLLEGE & HOSPITAL  
JORHAT

## E-TENDER DOCUMENT

FOR OPHTHALMIC EQUIPMENTS  
FOR JORHAT MEDICAL COLLEGE AND HOSPITAL  
ON TURNKEY BASIS

FOR USE IN J.M.C.H. JORHAT

E- TENDER IFB NO. SMEJ/JMCH/2170/ 2017/3449 Date: 11/11/2017

### TWO BID SYSTEM

Date and Time of Start of Bid Submission	12.00 PM of 28/12/2017
Date and Time of End of Bid Submission	12:00 PM of 17/01/2018
Date and Time of Opening of E-Technical Bid	1:00 PM of 17/01/2018
Date and Time of Opening of E-Price Bid	12.00 PM of 20/01/2018

*Bidding Document issued to M/S.....  
on dated .....against the receipt of Rs.1000/--(Rupees One Thousand only)  
only in the form of Bank Draft/Bankers' Cheque No .....  
Dated.....*

Principal cum Chief Superintendent  
Jorhat Medical College & Hospital, Jorhat

**INVITATION FOR BIDS (e-tender)**  
**(NATIONAL COMPETITIVE BIDDING)**

Sealed Bids (Two Envelope System) affixing court fee stamp of Rs. 8.25 (Rupees eight and paisa twenty five) only, are invited from the experienced and manufacturer/accredited dealers for supply and installation of **OPHTHALMIC Equipments** at Jorhat Medical College & Hospital, Jorhat, Assam under Principal cum Chief Superintendent, Jorhat Medical College & Hospital, Jorhat.

AT 12.00 PM	17/01/2018	CLOSING DATE & TIME FOR RECEIPT OF BIDS
AT 1.00 PM	17/01/2018	TECHNICAL BIDS OPENING DATE AND TIME
Bid schedule (Group: A) OPHTHALMIC		EMD Rs 1,00,000
Bid schedule (Group: B) OPHTHALMIC		EMD Rs 1,00,000

- Bidding documents are available for sale in the e-portal :<https://assamtenders.gov.in> and our institutional website : [www.jorhatmedicalcollege.in/](http://www.jorhatmedicalcollege.in/) from **28/12/2017** till **17/01/2018 upto 12:00 p.m.**, payment of Tender Fee Rs. 1000/- (non-refundable) against each group as mentioned above in the form of crossed Demand Draft in favour of the "Society for Medical Education Jorhat " Payable at SBI- Jorhat Medical College Branch.
- The bidding documents can be downloaded from the official web site of JMCH Jorhat (<http://jorhatmedicalcollege.in>). In case of bid documents downloaded from the website mentioned above the required fees as mentioned above shall have to be deposited at the time of submission of tender. The detailed information of bidding documents is also available in online through e-procurement system i.e. through E-Tender website <https://assamtenders.gov.in>.
- All bidders/contractors are required to procure Digital Signature Certificate (DSC) with both DSC Components i.e. Signing & Encryption to participate in the E-Tenders. Bidder should get registered at <https://assamtenders.gov.in> (without paying any cost).
- The Bidders are advised to register themselves with e-procurement Portal at <https://assamtenders.gov.in> as described in the Tender Notice to participate in the e- Tender. The interested tenderers should upload duly filled tender form and their bids alongwith scanned copies of all the relevant certificates, documents, etc., in support of their Technical & Financial Bids on the <https://assamtenders.gov.in>.
- It is the responsibility of the Bidder to ensure that their Bid documents are dropped in the Tender Box in the office of the Principal-cum-Chief- Supdt. J.M.C.&H, Jorhat within the stipulated date and time as mentioned in the IFB after successful submission of the Tender through online E-Tender website <https://assamtenders.gov.in>. In case the bid documents are sent by post or by courier, the time and date of depositing the bid documents at the office shall be countersigned by a responsible officer of this Office. The Principal will not undertake any responsibility whatsoever for postal delay in process of submission of Bids. Any appeal for alternation in the Technical Specifications, the bidders may submit their petition to the undersigned within 7 (seven) days from the date of issue of the Tender Notice.
- The bidder must furnish EMD against each Group in the form of demand draft/ Bank Guarantee/BC to be drawn in favour of "Society for Medical Education Jorhat "Payable at SBI-Jorhat Medical College Branch (A/C No. 30016119041 IFSC Code: SBIN0012975).
- Those Bidders, who have applied in the e-tender for supply and installation of ophthalmic equipments, need not have to submit their EMD again. They are requested to submit a declaration against their earlier EMD in the bid document.**
- Henceforth, any corrigendum/addendum related to this Bid/Tender may kindly be seen at the official website & E-Tender website <https://assamtenders.gov.in>.
- The bid documents are not transferable.
- In the event of any of the above mentioned dates being declared as a holiday / closed day in the purchasers' Organization, the Bids will be sold / received / opened on the next working day at the appointed time.
- The Bidders have to submit their bids through online e-tender portal: <https://assamtenders.gov.in> department wise in two bid system separately technical bid and financial bid. The Bidders are requested to submit a hard copy (original) of tender document along with the necessary fees, EMD & covering Letter mentioning about the Payment Details, Company Name, Address, Payment (Mention the Tender ID and Tender Title) in the stipulated date and time.**
- The Principal cum Chief Superintendent, JMCH, Jorhat, reserves the right for any addition / alteration in the bid documents if required 10 days before submission of last date of tender.

**All participating Bidders are requested to provide demonstration against their quoted items scheduled to be held on 17-01-2018 at 2.00 P.M onwards.**

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## SCHEDULE-1

### **TERMS AND CONDITIONS:**

1. This Invitation for Bids (National Competitive Bidding) is open to all eligible manufacturer and/or their accredited dealers.
2. Bid must reach the office of the Principal-cum-Chief- Supdt. Jorhat Medical College & Hospital, Jorhat as in the date and time as stipulated in the IFB. A late Bid will not be accepted under any circumstances and for reasons what so ever.
3. All Bids duly sealed must be addressed to the Principal-cum-Chief- Supdt. Jorhat Medical College & Hospital, Jorhat and IFB No. with Name of the Deptt. Should be super scribed prominently in the covering envelope along with full name and address of the Bidder.
4. The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Principal cum Chief Superintendent, JMCH, Jorhat, herein after referred to as “the Purchaser” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tender process.
5. It is the responsibility of the Bidder to ensure that their Bid documents are dropped in the Tender Box in the office of the Principal-cum-Chief- Supdt. Jorhat Medical College & Hospital, Jorhat within the stipulated date and time as mentioned in the IFB. In case the bid documents are sent by post or by courier, the time and date of depositing the bid documents at the office of the Principal-cum-Chief- Supdt. Jorhat Medical College & Hospital, Jorhat has to be countersigned by the dropping authority of the bid documents. The Principal-cum-Chief- Supdt. Jorhat Medical College & Hospital, Jorhat will not undertake any responsibility whatsoever for postal delay in process of submission of Bids.
6. The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the bidder’s risk and may result in the rejection of its bid.
7. **Bidders shall submit their bids in two parts as under:**
  - a) Technical bids, in original, consisting of technical details bringing out clearly in a separate sheet, the deviations in specifications if any from that of ‘Technical Specifications’ and also clause-by-clause compliance of specifications along with the commercial terms and conditions and bid security.
  - b) EMD and TENDER FEE separate sealed cover inside the main cover mentioning the Tender No., Tender ID and Tender Title.
  - c) It may be noted that when the main cover is opened on the date and time scheduled for Bid opening, only the technical bids will be opened and read out in public.
  - d) Bidders whose technical bids are found substantially responsive will be informed of the date and time of opening of their e-price bids.  
The Bids should be duly marked and sealed, as “Original”, The sealed bids viz. Original, as mentioned above should be put together finally in a big envelope, which should be sealed as per the clause 3 above.

8. It may be noted that Technical bids will be opened and read out in presence of bidders or their authorized representative if they desire to remain present on the date and time scheduled for Bid opening,
9. The original copies of the bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the contract. Written power-of-attorney accompanying the bid shall indicate the letter of authorization. The person or persons signing the bid shall initial all pages of the bid, except for un-laminated printed literature.
10. The bidder shall complete the bid forms and the appropriate price schedule (Annexure-II and Annexure-III) furnished in the bidding documents, indicating for the goods to be supplied, a brief description of the goods, their country of origin, quantity and prices.
11. For comparison of bids, the purchaser will grant a margin of preference to goods in accordance with the Govt. standing procedures, provided the bidder shall have established to the satisfaction of the purchaser that the goods are eligible for price/purchase preference.
12. However, the quantum of price/purchase preference to be allowed shall be determined by the purchaser on the merits of individual cases based on the prevailing Government policy as per the Assam Preferential Store Purchase Act and his decision shall be final and binding and the purchaser and/or the Government of Assam shall entertain no representations on this ground.
13. To assist in the examination, evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.
14. The purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required EMD has been furnished, whether the document have been properly signed, whether the bid validity is as required and whether the bids are generally in order.
15. **Bid from accredited dealers without proper authorization from the manufacturers shall be treated as non-responsive and shall be rejected.**
16. The bid shall remain valid for 365 (three hundred and sixty five) days after date of bid opening. The Purchaser shall reject a bid valid for a shorter period. In exceptional circumstances, the purchaser may solicit the bidder's consent to an extension of the period of tender validity. The request and the responses thereto shall be made in writing. The EMD (bid security) provided under clause 19 shall also be suitably extended. A bidder may refuse the request without forfeiting its bid security. A bidder granting the request will not be required nor permitted to modify its bid.
17. The contract should be completed within 45 days from the issue of formal supply order.
18. **The bidder must furnish EMD (bid security) as per the schedule of requirement unless otherwise exempted under Govt. Orders/Rules in force.**

20. **The EMD (bid security)** shall be demonstrated in the Indian Rupees and shall be in one of the following forms:
- Post Office Cash Certificates, National Savings Certificates (Certificates which are not held in the name of the bidder shall not be accepted).
  - Post Office Savings Bank Pass Book and
  - Deposit Receipts or Bank Guarantees (in the prescribed pro forma given at **Annexure-XI** issued by any of the scheduled banks).
21. Any bid from a bidder who fails to furnish EMD (furnish a notarized copy of the registration certificate for the item quoted), not secured in accordance with clause 19 and 20 will be summarily rejected by the purchaser, as non-responsive.
22. Unsuccessful bidder's EMD (bid security) will be discharged / returned as promptly as possible. The bidders are advised in their own interest to send a pre-receipted challan along with their bid so that the return of EMD (bid security) after the bid have been rejected, is made within the stipulation period.
23. The successful bidder's EMD (bid security) will be discharged /returned upon the bidder executing the contract and after furnishing the Performance security, pursuant to clause 32.
- 24. The price bid must be submitted online only. No hardcopy of price bid will be accepted. The prices must be quoted in Indian Rupees for both indigenous and imported make. Bids, where prices are quoted in any other way shall be treated as non-responsive and rejected. The bidder shall indicate on the appropriate price schedule (Annexure-III) attached to these documents the unit prices and total bid prices of goods it proposed to supply under the contract.**
25. The Purchaser will technically evaluate all bids previously determined to be responsive and compare the bids previously determined to be substantially responsive and technically acceptable.
26. The Purchaser's evaluation of a bid will include and take into account:  
**The goods manufactured indigenously or goods of foreign origin already located in India**; excise duty, sales tax and other similar taxes and duties, which will be payable on the goods if a contract is awarded to the bidder and the purchaser's evaluation of a bid will exclude and not take into account the additional features like training in India or abroad offered free or at an additional cost unless specifically asked for in the 'Technical Specifications'.
27. The comparison shall be of F.O.R. site and delivered and commissioned at consignee's end. The purchaser's evaluation of bid will take into account, in addition to the bid price and the price of incidental services, the following factors, in the manner and to the extent indicated in clause 28 and in the 'Technical Specifications':
- Cost of inland transportation and other costs within India incidental to delivery of the goods to their final destination at consignee's site,
  - delivery schedule offered in the bid,
  - Deviations in payment schedule from that specified under clause 49.
  - the cost of guarantee/warranty and
  - The Performance and productivity of the equipment offered.
28. Pursuant to clause 27, following evaluation methods will be followed:
- Inland transportation, insurance and incidentals:**  
Bidder shall quote separately for inland transportation, insurance and other incidentals for delivery of goods to the site.
  - Applicable Taxes:**  
Bidder shall quote separately for all applicable taxes payable to the Govt. for delivery of goods to the site.

29. **Purchaser's right to accept any bid and to reject any or all bids:** The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject any or all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the affected bidder or bidders of the grounds for the purchaser's action.
30. **Notification of award:** Prior to the expiration of the period of bid validity, the purchaser will notify the successful bidder in writing, by registered letter or by cable or telex or fax (to be confirmed in writing by registered letter), that its bid has been accepted. The notification of award will constitute the formation of the contract.
31. **Signing of contract:** At the same time, the purchaser notifies the successful bidder that its bid has been accepted, the purchaser will send the bidder the contract form provided in the bidding documents, incorporating all agreements between the parties. The successful bidder shall sign and date the contract form provided in the document. A registered Power of Attorney is to be supported with the bid in favour of the person(s) who will sign the bid as well as contract form if contract is awarded. (**Annexure-XIII**)
32. **Performance Security:** Immediately after the receipt of notification of award from the purchaser, the successful bidder shall furnish the Performance Security. The supplier shall furnish Performance Security to the purchaser for an amount of **5% (Five percent)** of the order value, valid for the entire period of warranty. However, if the supplier fails to execute the order or fails to perform the services as per contract in addition to other panel actions, the performance security shall be encased & the amount forfeited.
33. **Failure of the successful bidder to comply with the requirement of clause 31 or clause 32 shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD (bid security), in which event the purchaser may like the award to the next lowest evaluated bidder or call for new bids.**
34. The proceeds of the Performance Security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the contract.
35. **The Performance Security** shall be denominated in the Indian Rupees and shall be in one of the following forms:
- Post Office Cash Certificates, National Savings Certificates (Certificates which are not held in the name of the bidder shall not be accepted),
  - Post Office Saving Bank Pass Book and
  - Deposit Receipts or Bank Guarantees (in the prescribed pro forma given at **Annexure-XII** issued by any of the scheduled banks).
36. **Inspection and tests:** The purchaser or its representatives shall have the right to inspect and/or to test the goods to confirm their conformity to the contract. The purchaser shall notify the supplier in writing of the identity of any representatives for this purpose.
37. The inspections and tests may be conducted on the premises of the supplier, at point of delivery and/or at the goods final destination, where conducted on the premises of the supplier, all reasonable facilities and assistance including access to drawings and production data shall be furnished to the inspectors at no charge to the purchaser. Should any inspected or tested goods fail to conform to the specifications, the purchaser may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet specification requirements free of cost to the purchaser, within a period of **15(fifteen)** days of intimating such rejection. The purchaser's right to inspect, test and, where necessary, reject the goods after the good's 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 purchaser or its representatives prior to the goods dispatch from the place of manufacture.

38. Nothing in clause 37 shall in any way release the supplier from any warranty or other obligations under the contract.

**39. Qualification Criteria:**

1. The bidder must be a manufacturer or their accredited dealers (specifically against this IFB for the subject goods) and had successfully executed contracts for similar and/or identical goods in the past three years prior to the date of Tender opening. In support of this, the bidder shall furnish Performance statement in the enclosed **Annexure-I.**
2. Notwithstanding anything stated above, the purchaser reserves the right to assess the bidder's capability and capacity to perform the contract satisfactorily before deciding on award of contract, should circumstances warrant such an assessment in the overall interest of the purchaser.

**40. Warranty:**

- i) The supplier warrants that the goods supplied under the contract are new, unused, or the most recent of current models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in India, i.e. the country of final destination.
- ii) **The warranty should be as per the period mentioned in the Technical Specification.**
- iii) The purchaser/indenter shall notify the supplier in writing of any claims arising under this warranty.
- iv) Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective goods or parts thereof, free of cost at the ultimate destination. The supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the purchaser for the replaced parts/goods thereafter.
- v) If the supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchase may have against the supplier under the contract.
- vi) The warranty for defective parts will begin de novo from the date of replacement. Supplier will pay customs duty and all expenses up to the destination for the replaced part.

**41. Reasonability of rates/ firm price:**

- i) The bidder shall certify that the rates quoted are the lowest ones for any institution in the country.
- ii) During the period of the contract, if the price of any tendered item is reduced due to any reason including any Law or Act of the Central/State Government, the bidder shall be statutorily bound to intimate the reduced rates immediately to the purchaser and shall charge the reduced rates. The purchaser is empowered to unilaterally effect such reduction as is necessary in rates, in case the bidder fails to notify or fail to agree to such reduction of rates.
- iii) Subject to the condition stipulated above, the prices shall remain firm for the validity period of tender and on no account any increase in price shall be entertained till completion of the tender period.
- iv) No bidder will be allowed at any time on any ground whatsoever, to claim revision of or modification in the rates quoted by him. The representation of the bidder that computation/ typographical or clerical error etc. has been committed in the bid and request for reversion on such plea shall not be entertained after opening of the bid.



42. **Contacting the Purchaser:** Subject to clause 18, no bidder shall contact the purchaser on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. Any effort by a bidder to influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decisions shall result in the rejection of the bidder's bid and also banning of business dealings with the bidder for a period of three years from the date of such ban.
43. **Documents establishing good's eligibility and conformity to bidding documents:** The bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services, which the bidder proposes to supply under the contract. The documentary evidence of the goods and services eligibility shall consist of a statement in the price schedule. The documentary evidence of the goods and services conformity to the bidding documents may be in the form of literature, drawings and data and shall furnish:
- i) A detailed description of the goods essential technical and Performance characteristics,
  - ii) A list giving full particulars, including available sources and current prices, of all spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of years, following commencement of the goods used by the purchaser and
  - iii) A clause-by-clause commentary on the purchaser's 'Technical Specification' demonstrating the goods and services substantial responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the 'Technical Specifications'.
44. **Definition of Technical Specification:** For purposes of the commentary to be furnished to clause 43 (iii) above, the bidder shall note that standards of workmanship, material and equipment and references to brand names or catalogue numbers designated by the purchaser in its 'Technical Specifications' are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutions are substantially equivalent or superior to those designated in the 'Technical Specifications'.
- 45. Statutory taxes/ duties :**
- In case of any enhancement of Taxes and/ or duties or levy of fresh Taxes/ duties due to Statutory Act of the Govt., after date of submission of the tenders and during the contractual delivery period, additional or fresh levies so imposed will be allowed to be claimed as extra without any change in the price structure approved under the tender. For this purpose, the supplier shall produce a certificate from the authority concerned certifying that the item supplied falls under particular tariff resulting in additional/ fresh levies for the supplied item.
- However, the same shall not be borne by the purchaser in case such levies become applicable after expiry of the contractual delivery period stipulated in the contract. Further, in case the bidder has been enjoying Excise Duty exemption on any criteria like turnover etc. and at a later date, during currency of the contract, even if Excise Duty becomes chargeable on goods manufactured, the same shall be to the supplier's account and shall not be borne by the purchaser.
- 46. Penalty for delay in delivery:**
- Non-performance of the contract provisions may make the bidder liable to be disqualified to participate in any tender for the next 5 years, in addition to forfeiture of EMD / Performance Security and other penal provisions.

**47. Force majeure:**

The above condition of delivery period, price reduction & termination etc. are subject to force majeure conditions which are beyond the control of the supplier, do not involve fault or negligence of the supplier and are not anticipated. Such events may include but are not limited to riots, mutinies, war, fire, storm, tempest, flood, epidemics, or other exceptional causes like quarantine restrictions, freight embargoes. On specific request made by the supplier the time period of supply may be extended by the purchaser at his discretion for such period as may be considered reasonable. However, the condition shall not include scarcity of raw materials, power cut, labour dispute, failure of sub-vendor and increase in cost of raw material.

**48. Fraud & Corruption:**

The bidders, suppliers & contractors shall observe the highest standard of ethics during bidding and during performance of the contract. For the purposes of this provision, the following acts shall be considered as corrupt and / or fraudulent practices -

- a) Undertaking of the no Fraudulent Corrupt practices.
- b) "Fraudulent Practice" means misrepresentation or omission of facts in order to execution of contract.
- c) "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive level.
- d) "Coercive Practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process or in execution of a contract.

During the process of evaluation of a bid or proposal for award of a contract, if it is detected that a bidder directly or through agent has engaged in corrupt, fraudulent, collusive or coercive practice in competing for the contract in question, then a) the bid shall be rejected and b) declare the firm ineligible for a specific period or indefinitely to participate in a bidding process.

In the bid document itself, an undertaking has to be furnished in the format at

**49. Local conditions:**

It will be imperative on the bidder to fully acquaint himself of all local conditions and factors that would have any effect on performance of the Contract. The purchaser shall not entertain any request for clarifications from the bidder regarding such local conditions nor shall accept any offer conditional to the local factors. No request for any change of price or extension of time schedule of delivery of goods shall be entertained after purchaser accepts the bid.

**50. Adjudication/Review board:**

Any dispute arising out of or during execution of the contract shall be settled with mutual agreement through an Adjudication/Review Board appointed by the Health & F.W. Department, Govt. of Assam.

**51. Saving clause:**

No suit, prosecution or any legal proceedings shall lie against Tender Inviting Authority or any person for anything that is done in good faith or intended to be done in pursuance of tender.

**52. Laws governing the contract & jurisdiction:**

The contract shall be interpreted in accordance with the laws in force in India. All disputes shall be subject to the jurisdiction of appropriate court situated at Guwahati/Jorhat.

### 53. Payment Terms:

1. **Source of Fund:** SMEJ-JORHAT
2. **Procedure for payment:** The paying authority on production of the following documents shall make 100% Payment.
  - a. Invoice in triplicate are to be submitted to the paying authority along with the other documents after completion of the supply.
  - b. Stock Entry Certificate is to be obtained in the body of the Invoice in triplicate.
  - c. The original Challan Copy.
  - d. Test certificates installation certificates.
  - e. Warranty certificates.

### 54. The bidder must submit the following documents along with the others as mentioned above in the Technical Bid with their tender:

- i) Up to date valid VAT clearance certificate up to March, 2017.
- ii) Up to date valid manufacturing authorization certificate (in original)
- iii) GRN/TIN and PAN.
- iv) GST registration
- v) Literature/catalogue/leaflet in support of the tendered item.
- vi) Up to date dealer/ distributor certificate.
- vii) ISO/GMP and other quality certificate issued from competent authority as detailed.
- viii) Declaration on details of manufacturing unit, installed capacity of the item quoted, testing facilities and nearest after sales service facility with details of technical personnel, along with non - conviction certificate/ declaration for the past 3 years. **(Annexure V)**
- ix) **Last 3 (three) years Turn Over: Rs.50.00 lakhs per year** Statement for the last 3 financial years i.e. 2014-2015, 2015-2016 and 2016-2017, in the specified format **(Annexure VI)** certified by the Auditor/ Chartered Accountant. Bidders has to submitted statement of account, profit and loss or the year 2014-2015, 2015-2016 and 2016-2017.
- x) Undertaking in the form at **Annexure-VII** confirming acceptance of all terms and conditions of the tender.
- xi) An undertaking on fraud and corruption as per **Annexure-VIII**
- xii) Manufacturer Authorization letter as per the format enclosed at **Annexure-IX.**
- xiii) The bidder shall impart education and training to upgrade the skills of the medical professionals at various levels for which a tentative programme shall be submitted.
- xiv) The bidders shall duly fill in the agreed terms and conditions as per **Annexure X.**
- xv) Bidder should have experienced to complete minimum one similar turnkey work for supply & installation of ophthalmic equipment on turnkey basis in North East India, evidence copy has to be provide in technical bid.

### 55. Additional Terms and Conditions:

- a. Total monetary value of similar nature of work performed during each of the last three years must be furnished by the bidder which are as follows:
  - i) Experience in works of a similar nature and size for each of the last three years, and details of works underway or contractually committed; and clients who may be contacted for further information on those contracts;
  - ii) Evidence of access to line (s) of credit and availability of other financial Resources facilities (20% of Contract Value), certified by the Bankers (Not more than 3 Months old);
  - iii) Authority to seek references from the Bidder's Bankers;
  - iv) Information regarding any litigation, current or during the last three years in which the Bidder is involved, the parties concerned, and disputed amount;
- b. Bids from Joint ventures are not acceptable.
- c. The bidder must be a profit making one for the last three years.
- d. Information on Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on date of this bid.
- e. The bidder shall impart education and training to upgrade the skills of the medical professionals at various levels for which a tentative programme shall be submitted.

- f. **The bidder shall provide backup services of trained Technical Personnel on 24 hours basis for emergency programming. Complaints should be attended properly, maximum within 8 hours. The service should be provided directly by Tenderer /Indian Agent. Undertaking by the Suppliers that the spares for the equipments shall be available for at least 10 years for the date of supply.**
- g. Bid shall be type – written and correction, if any, in the bid shall invariably be attested with full signature by the bidder with date, failing which the bid shall be considered ineligible for evaluation. Corrections done with correction fluid shall also be duly attested.
- h. **Bidder has to quote each & every items group wise on turnkey basis otherwise tender will rejected**

**56. Warranty: 1 Year.**

- a) The warranty charges shall not be quoted separately.
- b) 95% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
- c) All software updates should be provided free of cost during Warranty period, CMC/AMC.

**57. Training:**

On Site training to Doctors/ Technicians/ staff is to be provided by Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the user department.

**58. AMC/CMC**

Beyond the warranty period as stated- **1 yr.**

- b) **Cost of AMC/CMC will also be added for Ranking/Evaluation purpose.**
- c) All software updates should be provided free of cost during CMC.

**The CMC price {not more than 10% cost of the equipment, otherwise offer will be out rightly rejected} for next 3 years, which should include cost of labour, fright & spares for entire equipment.**

**The CMC cost will be taken into consideration for price comparison. Bidders should calculate the grand total of the unit price including the CMC (3 yrs) and other taxes applicable in the commercial bid as well as in the e-tendering process.**

**SAMPLE FORMAT FOR EVIDENCE OF ACCESS TO OR  
AVAILABILITY OF CREDIT FACILITIES**

**BANK CERTIFICATE**

This is to certify that M/s..... Is a reputed company with good financial standing.

If the contract for the work, namely .....  
.....  
..... is awarded to  
above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs.  
.....  
..... to meet their working capital requirements for executing  
the above during the contract period.

\_\_\_\_\_  
(Signature)

Name of the Bank  
Senior Bank manager  
Address of the Bank

## SCHEDULE-2

### Address of the Purchaser/Paying authority:

**Consignee:** The Principal-cum-Chief-Jorhat Medical College & Hospital, Jorhat.  
**Installation site:** Department of Ophthalmology, Jorhat Medical Colleges & Hospital, Jorhat.

### SCHEDULE OF REQUIREMENT

#### Part-I

EMD ( Bid Security)	Tender Fee	Name of Items	Deptt. of Ophthalmology
Rs.	Rs. 1,000/-	<b>Machinery Equipments at Schedule 3 from page 16 to 30</b>	<b>Ophthalmic Equipments</b>
<b>Warranty : 1 Year</b>			
<b>CMC : 3 Years after expiry warranty.</b>			



#### Note:

1. Bidder must affixed court fee stamp (I.P.O in case of Bidders outside the State of Assam) of Rs.8.25 (Rupees eight and paisa twenty five only) on the Technical Bid (Original Copy).
2. **Bidder should submit a soft copy (in CD) of Technical Bid in MS WORD format (only technical specifications/details of the goods and services proposed to be supplied under contract) to help in preparation of Comparative Statement which should be inserted in the Technical Bid (Original Copy). Any discrepancy between soft and hard copy, the hard copy (printed and signed documents) shall prevail.**
3. All the materials should be well packed to avoid any breakage during transit.
4. The responsibility for providing after sale service would rest on the Principal equipment supplier.
5. The Principal suppliers shall be solely responsible for warranty period and maintenance of the equipment even if there is any change in the accredited dealer during the above period.
6. **Bidders shall submit their bids in two parts.**
7. Bid security (EMD) to be furnished in favour of “Society for Medical Education Jorhat”, Jorhat
8. Bidders shall submit their Performance statement as per Performa along with certificate from the users and copy of the orders for the equipment quoted.
9. **The quantity mentioned is only the tentative requirement and may increase or decrease as per the decision of Tender Inviting Authority. The rates quoted should not vary with the quantum of the order or the destination.**

## PART-II: SCOPE OF INCIDENTAL SERVICES:

- A. Installation, Commissioning, Demonstration, on-site training, Performance Supervision of on-site assembly, Start-up of the supplied Goods.
- The bidder shall impart education and training to upgrade the skills of the medical professionals at various levels for which a tentative programme shall be submitted. Detailed Operations and Maintenance Manual for each appropriate unit of the supplied Goods are to be provided by the successful bidder.

## PART-III: TERMS OF DELIVERY

**The equipment has to be delivered at the site of the following Institutions:**

- i. Principal cum Chief Superintendent, JMC&H, Jorhat

The periodic requirement of medical college will be directly communicated to the supplier by letter / fax / e-mail / telephone and the same shall be delivered to the indenting authority without any delay



## SCHEDULE-3

### Technical Specifications

### TECHNICAL SPECIFICATIONS OF OPTHALMIC EQUIPMENTS

#### (Group : A)

Sl No	Name of Items	Specification																																				
01	PHACO MACHINE	<p>The machine should be small size and fully portable                      The machine should be based on Peristaltic pump technology                      Ultra light weight Titanium 6-crystal Handpiece (weighing 47gm), operating at 28 –32 KHz frequency                      In Phaco mode should be Vacuum :0-600 mm Hg (continuous)                      Flow Rate : 0-50 ml (continuous)                      Power : 0-100 (continuous)                      There should be Memory storing facility for at least twenty surgeons                      The Phaco Handpiece should have inside irrigation with Stroke length of 120micron.                      All original accessories like IA cannula and Diathermy from manufacturer.                      The machine should have all the Power Modulation – Pulse Mode, Burst Mode, Continuous Mode, and Occlusion Mode.                      The machine should have Bipolar Diathermy with selectable power. Power range from 0-7 watt / 500 KHz                      The machine should have Pneumatic Anterior Segment Vitrectomy with maximum cutting range (1200 cuts/min) &amp; in-built compressor.                      The machine should provide continuous Irrigation facility.                      The machine should come with Easy tips and should have Easy mode button for quick change over.                      The machine should provide Cool Micro incision Phaco/ cool Phaco (CMP)                      Foot Switch: Should control Irrigation Aspiration and Phaco. Also surgeon should be able to control reflux through the Footswitch. light weight(not exceeding 9 kg with accessories)                      Back lit direct access control panel                      Machine should be compatible for 1.6 mm Co-Axial phaco surgery. Autoclavable cassette system.                      The machine have integrated RF Capsulotomy &amp; Cortex mode. Upgradeable for HFDS Glaucoma Surgery.</p> <p>Warranty-1 year,CMC-3 years                      PRODUCT SHOULD BE ISO , CE/FDA CERTIFIED</p>																																				
02	YAG LASER WITH SLIT LAMP:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Laser wavelength</td> <td style="width: 10%; text-align: center;">--</td> <td style="width: 40%;">1064nm</td> </tr> <tr> <td>Mode</td> <td style="text-align: center;">--</td> <td>Super-Gaussian</td> </tr> <tr> <td>Optical Breakdown</td> <td style="text-align: center;">--</td> <td>Typically 2.5 mJ in air</td> </tr> <tr> <td>Pulse length</td> <td style="text-align: center;">--</td> <td>&lt;4 ns (typically 2-3ns)</td> </tr> <tr> <td>Max Laser energy</td> <td style="text-align: center;">--</td> <td>Single pulse : typically 10 mJ Double pulse : typically 23 mJ Triple pulse : typically 35 mJ</td> </tr> <tr> <td>Energy attenuation</td> <td style="text-align: center;">--</td> <td>22 Levels</td> </tr> <tr> <td>Pulse repetition frequency</td> <td style="text-align: center;">--</td> <td>Max 2.5 Hz</td> </tr> <tr> <td>Focus diameter</td> <td style="text-align: center;">--</td> <td>10 µm in air</td> </tr> <tr> <td>Exit aperture angle</td> <td style="text-align: center;">--</td> <td>16°</td> </tr> <tr> <td>Aiming Beam</td> <td style="text-align: center;">--</td> <td>Diode approx. 670 nm Power 5 µW – 150 µW 4-point aiming beam focusing</td> </tr> <tr> <td>system</td> <td></td> <td></td> </tr> <tr> <td>Focus shift</td> <td style="text-align: center;">--</td> <td>Variable: +150µm; 0; -150 µm</td> </tr> </table>	Laser wavelength	--	1064nm	Mode	--	Super-Gaussian	Optical Breakdown	--	Typically 2.5 mJ in air	Pulse length	--	<4 ns (typically 2-3ns)	Max Laser energy	--	Single pulse : typically 10 mJ Double pulse : typically 23 mJ Triple pulse : typically 35 mJ	Energy attenuation	--	22 Levels	Pulse repetition frequency	--	Max 2.5 Hz	Focus diameter	--	10 µm in air	Exit aperture angle	--	16°	Aiming Beam	--	Diode approx. 670 nm Power 5 µW – 150 µW 4-point aiming beam focusing	system			Focus shift	--	Variable: +150µm; 0; -150 µm
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		<p>Laser Slit Lamp:</p> <p>Magnification -- 5/8/12/20/32 x</p> <p>Illumination -- 12 V, 30 W, brightness continuously adjustable</p> <p>Slit Length control -- Slit length: variable in steps of 1/3/5/14 mm</p> <p>Slit width: continuously adjustable</p> <p>Slit rotation: 0°, ± 45°, 90°</p> <p>Physician's safety filter -- Color fidelity</p> <p>Warranty-1 year,CMC-3 years</p> <p><b>PRODUCT SHOULD BE ISO , CE/FDA CERTIFIED</b></p>
03	SURGICAL MICROSCOPE	<ul style="list-style-type: none"> <li><input type="checkbox"/> Should be Compact Microscope body with high quality Apochromatic Optics.</li> <li>• Inclined 45° binocular tube f=170mm with 12.5x push in eyepieces.</li> <li><input type="checkbox"/> 5 step manual magnification changer with the factors 0.4, 0.6, 1.0, 1.6 and 2.5.</li> <li><input type="checkbox"/> Working distance about 200mm.</li> <li><input type="checkbox"/> Optional Motorized foot control X-Y coupling with automatic recentric facility</li> <li><input type="checkbox"/> Motorized foot controlled focussing system.</li> <li><input type="checkbox"/> Illumination control including increase / decrease and ON / OFF of illumination via foot control.</li> <li><input type="checkbox"/> BrightFlex illumination with LED light source.</li> <li>• Color enhancement, ha-mode, blue –blocking filter</li> <li><input type="checkbox"/> Optional integrated HD camera</li> <li>– Warranty-1 year,CMC-3 years</li> <li><input type="checkbox"/> <b>PRODUCT SHOULD BE ISO, CE&amp; FDA CERTIFIED</b></li> </ul>
04	FOLDABLE IOLS	<p>Material - Acrylic</p> <p>Refractive Index - 1.465</p> <p>U.V. Block - 430 nm</p> <p>Water Content - 26%</p> <p>Characteristics</p> <p>Optic Type - Biconvex</p> <p>A-Constant - 118.0</p> <p>Angulations* - 0</p> <p>Lens Style - RYCF</p> <p>Optic Size - 5.75 mm</p> <p>Overall Length - 12.00 mm</p> <p>Features</p> <p>Single piece foldable lens</p> <p>-The lens design ensures smooth insertion and proper centeration inside the eye</p> <p>Material should be UV block incorporated ensuring adequate UV protection.</p> <p>Optics should be YAG Laser friendly.</p> <p>Non Ionic nature of material ensures resistance to deposits thus lowering the incidence of PCO.</p> <p><b>PRODUCT SHOULD BE ISO, CE/ FDA CERTIFIED</b></p>
05	INTRA OCCULAR LENS	<p>POLY(METHYL METHACRYLATE-PMMA) INTRA OCULAR LENS</p> <p>SHOULD BE UV ABSORBING CAPACITY</p> <p>SHOULD BE STERILE PACKED</p> <p>PATIENT LENS IMPLANT IDENTIFICATION CARD SHOULD BE INCLUDED</p> <p>SHOULD BE WITH INFORMATION LEAFLET</p> <p>PATIENT RECORD LEVEL SHOULD BE THERE</p> <p><b>PRODUCT SHOULD BE ISO &amp; CE CERTIFIED</b></p>

06	SMALL INCISION CATARACT INSTRUMENT SET	<p>SMALL INCISION CATARACT INSTRUMENT SET          NUCLEUS CRAKER =1 no          NUCLEUS REMOVAL FORCEP=1 no          NUCLEUS TRISSECTOR FOR MANUAL NON PHACO=1 no          NUCLEUS BISSECTOR=1 no          NUCLUES CUTTING BOARD=1 no          SIDE PORT KNIFE DISPOSABLE=1 no          CRESENT BLADE DISPOSABLE.=1 nos          KERATOME BLADE DISPOSABLE=1 no          SPECULUM SELF RETAINED=1 no          NUCLEUS SPATULA FOR CRACKING, ROTATING=1 no          BLADE BREAKER AND HOLDER=1 no          GIRARD CORNEOSCLERAL FORCEPS=1 no          KRAMER FIXTION U SHAPED 1x 2 TEETH=1 no          LENS HOLDING FORCEPS=1 no          BLUE MENTHOL CYSTOTOME=1 no          CORTEX CANNULA=1 no          IRRIGATING VECTIS SERRATED=1 no          NUCLEUS DELIVERY PUNCH CANNUL=1 no          A.C. MAINTAINER WITH TUBING=1 no          NUCLEUS HYDRODISSECTION CANNUL=1 no          HYDROLYSIS CANNUAL ANGLED=1 no          J-LOUP CANNUAL I/A RT/LT=1 no          ASPIRATION HAND PIECE=1 no          INSTRUMENT CADDY WITH SILICON MATT=1 no          SHOULD BE PACKEED IN HARD CARRY CASE          SHOULD BE ISO/CE/FDA CERTIFIED PRODUCT          WARRENTY 1(ONE) YEAR          PRODUCT SHOULD BE ISO, CE/ FDA CERTIFIED</p>
07	SICS KNIFE SET	<p>SICS KNIFE SET          CRESCENT KNIFE WITH FULL HANDLE=1 no          15° LANCE TIP WITH FULL HANDLE=1 no          3.2 WITH FULL HANDLE=1 no          2.8 POINT TIP WITH FULL HANDLE=1 no          FOR SINGLE USE, SHOULD BE STERILE PACKED          SHOULD BE ISO,CE/FDA CERTIFIED PRODUCT</p>
08	FUNDUS CAMERA	<p>Angle of coverage : 45°          Working Range : 40.7 mm          Pupil diameter for photography : 4,4mm or more 3,3mm or more when the small pupil diaphragm is used.          Type of photography : Color photography and red-free photography          Patient dioptrre correction range : Without correction lens : 13D to + 12D (Where split lines are used)          With minus correction lens : - 12D to 33D          With plus correction lens : +9D to + 40D          Base movement : Back-forth: 46mm, Right-left: 100mm, Up=down: 30mm          Chinrest movement : 67mm          Power source: Frequency: 50/60Hz Voltae: AC110, 120, 230, 240V slectable          Weight: About 25kg          Dimension: 272mm(W) x 505mm (D) x 530mm(H)          Power consumptions: 400VA (Maximum), 100VA (Normal)Warranty-1 year,CMC-3 years          PRODUCT SHOULD BE ISO, CE&amp; FDA CERTIFIED</p>
09	DIGITAL FUNDUS CAMERA	<ul style="list-style-type: none"> <li>• Field angles : 45° and 30° small pupil ( <u>NON MYDRIATIC</u>)</li> <li>• Display : 23” TFT Monitor (1920 x 1080 pixels) connected via medical Power supply</li> <li>• Capture modes : Color, blue, red-free, red and fundus auto florescence Images, Anterior Segment images, Stereo pairs              Optical Filters for capture modes: Filters for green and blue pictures, filters for fundus auto fluorescence images, UV/IR barrier filters.</li> </ul>

		<ul style="list-style-type: none"> <li>• Compensation of Ametropia : +35... -35D continuous</li> <li>• Pupil diameter : <math>\geq 4.0\text{mm} \geq 3.3 \text{ mm}</math> ( 30 degree small pupil)</li> <li>• Working Distance : Front lens to patient's eye 40 mm (patient eye – front lens)</li> <li>• Capture Sensor : CCD 24-megapixels</li> <li>• Interfaces : USB Port and network connectors, DVI port Export/ Import : Image formats: DICOM-OP and VL, Bitmap, TIFF, JPEG(.jpeg) Patient list, DICOM MWL, DICOM storage</li> <li>• Capture technology : Separate sensors for black and white and colour modes</li> <li>• Operating system : Windows 7</li> <li>• Computer system : High speed computer system</li> <li>• Power consumption : Max. 340 VA; 60 VA Max for Monitor</li> <li>• Line voltage : <math>100 \dots 240\text{V} \pm 10\%</math> ( self adjusting)</li> <li>• Frequency : 50/60 Hz</li> <li>• Upgradeability : Upgradeability of software should be possible</li> <li>• Instrument table : Asymmetrical</li> <li>• Fixation Targets : External and Internal; four sizes of internal fixation target Including a circle (for AMD patients), attention mode for internal Fixation target; various programmed sequences or freely Positionable as combination with stereo mode too.</li> <li>• After sales service should be available directly from Manufacturer.</li> <li>• Warranty-1 year,CMC-3 years</li> <li>• <b>PRODUCT SHOULD BE ISO, CE&amp; FDA CERTIFIED</b></li> </ul>
10	PERIMETER	<ul style="list-style-type: none"> <li><input type="checkbox"/> Should be High quality goldman standard automated perimeter with bowl size 30cm</li> <li><input type="checkbox"/> Maximum intensity 10,000Asb, Bowl illumination 31.5Asb</li> <li><input type="checkbox"/> USB drive ,Internal hard disk drive</li> <li><input type="checkbox"/> Stimulation duration 200ms,wavelength Broad band visible light</li> <li><input type="checkbox"/> Stimulus/Background colour White on White, upgradable Blue on yellow (SWAP)</li> <li><input type="checkbox"/> Maximum temporal range 90Deg.Suitable for central 30 as well as full field testing</li> <li><input type="checkbox"/> Central field test patterns 30-2,24-2,10-2,Macula</li> <li><input type="checkbox"/> Peripheral field test pattern 60-4,Nasal Step</li> <li>• Binocular visual field test,monocular visual Field test with Esterman's visual field test.</li> <li><input type="checkbox"/> Thresold test strtegies full thresold,Fast Pac,SITA or equivalent.</li> <li><input type="checkbox"/> Colour toxicity testing.(with Blue on yellow and Red on yellow stimulus)</li> <li><input type="checkbox"/> Guided Progression Analysis software(GPA) with Visual field Index (VFI).</li> <li><input type="checkbox"/> Structural (RNFL), Functional loss and Neurological disorder common print out when attached with OCT.</li> <li><input type="checkbox"/> Screening field test P-60,FF-80,FF-120,FF-240,Nasal Step for periphery .</li> <li><input type="checkbox"/> Screening test strategies Two zone,Three Zone and Quantify Defects</li> <li><input type="checkbox"/> Stimulus Size I-V as per goldmann standards.</li> <li>• Glaucoma hemifield test,Heijl –Krkau blind spot monitor</li> <li><input type="checkbox"/> Video eye monitering,Trial Lens Holder,</li> <li><input type="checkbox"/> Motorised chinrest,Original Manufacturer Motorised table with Laser Jet Printer</li> <li><input type="checkbox"/> System should have VISUAL FIELD INDEX Capabilities.</li> <li><input type="checkbox"/> System should have compatible with all printer.</li> <li><input type="checkbox"/> System should be compact in design both patients module and processing system are incorporated</li> <li><input type="checkbox"/> System should having capabilities to produce combine report with OCT and Fundus Camera.</li> <li><input type="checkbox"/> Warranty-1 year,CMC-3 years</li> </ul>

• PRODUCT SHOULD BE ISO, CE/ FDA CERTIFIED

11 OCT MACHINE

Technical Specifications  
 Different protocol required different A Scan speed as follows:-  
 Auto Fovea Finder™ and Auto Center™ function

OCT scanning speed (A-scan/sec)	27,000-68,000 <sup>3</sup>	27,000-68,000 <sup>3</sup>	27,000	27,000
OCT Axial resolution (in tissue)	5 μm	5 μm	5 μm	5 μm
Minimum pupil diameter	2 mm	2 mm	2 mm (OCT) 3.3 mm (fundus camera)	2 mm (OCT) 3.3 mm (fundus camera)
Fundus Image field of view	36 x 30 degrees	36 x 22 degrees	45 degrees 30 degrees (small pupil mode)	45 degrees 30 degrees (small pupil mode)

**SCAN PROTOCOL:-**

should perform line scan and cube scan.in sd oct circle scan replaced by cube scan.

cube scan should accumulated more data points to create 3d images due to more sampelling the accuracy of diagnosis in cube scan (≥67million) are much higher than circle scan.

should have 6mmx6mm cube scan along with 5 line and 1 line hd scan.

Transverse resolution: ≤ 80 μm (in Tissue)

**Scan Reports**

Retina analysis: Macular thickness using Auto Fovea Finder™

5 Line HD with adjustable orientation

1 Line HD with adjustable orientation

Macula change analysis

Glaucoma analysis: ONH and RNFL analysis using Auto Center™

Anterior segment: Angle view

Cornea view

Auto CCT

Manual caliper to measure corneal structures

Electrical and Physical

Weight : 40 kg (88 lbs)

Dimensions of instrument: 120L x 80W x 150H (cm)

Fixation: Internal, External

Internal fixation focus adjustment: -23D to +17D (Diopters)

Pupil Size requirement : > 2mm

Internal Computer : Operating system / processor Windows 7/Intel Core i3-2330E

Memory: 4 GB

Hard drive / internal storage: 500GB/2.5inch

Display: 23" (resolution: 1366 x 768)

USB ports: 4 ports

Ethernet ports: 2 ports, 10/100 with 2 independent IP addresses

Warranty-1 year,CMC-3 years

PRODUCT SHOULD BE ISO, CE/ FDA CERTIFIED

12	TRIAL SET BOX	<p>Technical Specification  Daily Wear Soft, Rigid Gas Permeable, Short Term Wear  Lens type: White  Rings: Lightweight Aluminum rings that are color-coded and marked  Golden for minus and Silver for plus  Case: Self - Illuminated wooden Box with sun-mica top that shuts the light source when the lid is closed. Ideal for Clinics and Hospitals  Spherical: 128 pcs (+ - 0.12 to +- 20.00 )  Cylindrical: 80 pcs (+ - 0.12 to +- 6.00)  Prisms: 10 pcs (1/2 , 1, 2, 3, 4, 5, 6, 8, 10 , 12)  Accessories: 8 pcs (Black, Red, Green, Slit, Pin hole, White, Maddox)  Other accessories: Cleaning Cover, Optician ruler's, Occluder  Warranty-1 year,  <b>PRODUCT SHOULD BE ISO CERTIFIED</b></p>
13	DISTANCE VISION BOX	<p>power supply (main): a/c 230v, four (4) two pin plugs, 5a  size of unit:h: 130 mm, w: 420 mm, l: 255 mm  size of unit with packing:h: 180mm, w: 445 mm, l: 270 mm  weight of unit: 4. 00 k. G. (kilograms)  weight of unit with packing: 4. 50 k. G. (kilograms)  packing: unit is supplied with high grade thermocol box plus cardboard  Illuminated near vision test drum  with four test - english, hindi, any regional language, 'c' and 'e' test  Warranty-1 year,  <b>PRODUCT SHOULD BE ISO CERTIFIED</b></p>
14	BED SIDE MONITOR	<p>Specification-  15" color Touch screen TFT display of ECG, Spo2, NIBP, Resp rate &amp; Temperature  13 Channel wave form display  Large front Display.  Auto cascading, ST&amp; 16 Arrhythmia analysis.  Pace maker detection  Drug dose calculation  3/5 lead ECG diagnosis  RSU interference protection.  OXYCRG for neonate patients.  Wire/wireless network solution.  Night mode with dimmer screen.  Bed to Bed View.  VGA output &amp; Analog output  Support Barcode scanner.  120 hours Trend for vital signs monitoring &amp; 1200 NIBP measurements.  60 alarm events.  4Hrs battery backup.  USB attachable  Optional Items  IBP (4 NOS)  ETCO@ (Main Stream/ Side Stream)  Built in thermal printer  Nelcor oximax SPO2  12 Lead ECG  AGM  Cardiac Output  Standard Accessories – 5 Lead ECG patient cable – 1 no, Adult reusable Oximetry probe – 1no, NIBP pressure cuff (Adult/Paediatric) – 1 no, Temperature probe (Peripheral) - 1 no, power cable – 1no Operating Manual – 1no.  Warranty-1 year, CMC 3 years  <b>PRODUCT SHOULD BE ISO, CE &amp; FDA CERTIFIED</b></p>
15	VITAL SIGN MONITOR	<p>Features:  3.5" color TFT LCD and clear LED numeric indication display  NIBP, SpO<sub>2</sub>, and Quick Temp vital signs parameters measurements  Power-environment design enables a longer battery working time up to 21 hours while generating much less noise  User-friendly design provides convenient access to frequently used function</p>

		<p>Spot-check and continual working modes with unique alarm system to meet most clinical needs</p> <p>High capability data storage</p> <p>Powerful storage capacity</p> <p>Backlight control and standby mode for power saving</p> <p>Smart data management via PatientCare Viewer software</p> <p>Nurse call</p> <p>Adaptability to adult, pediatric and neonatal patients</p> <p>Complete solution to easy mounting for different working environments</p> <p>Warranty-1 year, CMC 3 years</p> <p><b>PRODUCT SHOULD BE ISO, CE &amp; FDA CERTIFIED</b></p>						
16	FFA UNIT WITH BOYLES APPARATUS	<p>Working Distance : 40mm :Error ± mm</p> <p>Field of Vision Scope : 45°</p> <p>Inner Ring Diam : About ϕ 4.0mm</p> <p>Outer Ring Diam : About ϕ 7.4mm</p> <p>Stimulation Filers : Red/Blue</p> <p>Depth of Field contraction distance : ≥ 5mm</p> <p>Refractive Compensation : 15.0D ~ + 15.0D</p> <p>Moving Distance (mm) between :</p> <p>Back &amp; Front : 60</p> <p>Left &amp; Right : 120</p> <p>Up &amp; Down : 30</p> <p>Function : Non-mydriatric/Color/Monochrome/FFA</p> <p>Eye Position : Auto Detection</p> <p>Minimum Pupil Size : 3.0mm</p> <p>Illumination Source : Infrared Led</p> <p>Focus : Auto/Manual</p> <p>Auto Adjustment Flash Intensity : According patient pupil size</p> <p>Illumination Intensity : According patient pupil size</p> <p>Internal Fixation Lamps : 5</p> <p>Option : 9 Internal Fixation Lamps</p> <p>FFA Image : Shoot FFA Images</p> <p>FFA Video : Record FFA Video</p> <p>Data Connection : USB</p> <p>Internet Interface : DICOM 3.0 (Option)</p> <p>Temperature : - 5°C - + 40°C</p> <p>Relative Humidity : ≤ 85%</p> <p>Atomspheric Pressure : 700h Pa – 1060hPa</p> <p>Power : AC 220V ± 10%</p> <p>Frequency : 50Hz ± 1 Hz</p> <p>Input Power : ≤ 300 W</p> <p>Warranty-1 year, CMC 3 years</p> <p><b>PRODUCT SHOULD BE ISO, CE /FDA CERTIFIED</b></p>						
17	INDIRECT OPHTHALMOSCOPE	<p>Video-aligned optical system ensures precise positioning of components</p> <p>Padded leather headband, swooped design and ergonomic controls</p> <p>Illumination and visual pathways converge</p> <p>Excellent visualization and true small-pupil capability</p> <p>Adjusts to handle interpupillary distances of 49 mm - 74 mm</p> <p>SoftTilt moves optics to a stationary position out of your line of vision</p> <p>Long-lasting, cost-effective, bright halogen light source</p> <p>Vital optics and mirror assemblies are sealed against dirt/dust</p> <p>Warranty-1 year, CMC 3 years</p> <p><b>PRODUCT SHOULD BE ISO, CE / FDA CERTIFIED</b></p>						
18	AIR PUFF TONOMETER	<p>Measurement Range : 0 – 60 mmHg with good display screen</p> <p>Power Source 100 – 240 VAC</p> <p>Dimensions (W x H x D) : Average 10 x 11 x 15 inches.</p> <p>Warranty-1 year, CMC 3 years</p> <p><b>PRODUCT SHOULD BE ISO, CE/FDA CERTIFIED</b></p>						
19	ONLINE UPS 5 KVA	<table border="1"> <thead> <tr> <th>Sl No</th> <th>Parameter</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Configuration</td> <td>5KVA On-Line UPS System with Inbuilt Isolation Transformer.</td> </tr> </tbody> </table>	Sl No	Parameter	Specification	1	Configuration	5KVA On-Line UPS System with Inbuilt Isolation Transformer.
Sl No	Parameter	Specification						
1	Configuration	5KVA On-Line UPS System with Inbuilt Isolation Transformer.						

		2	Technology	True On-Line Double Conversion UPS with PWM-IGBT technology.
		3	Capacity	5KVA
		4	AC Input Voltage Range	230V -20% + 15% AC 1 Phase
		5	Input Frequency	50Hz ± 10% (Suitable for Generators)
		6	AC Output Voltage	230 V AC, 1-phase ± 1% (Sine Wave Output)
		7	Output Frequency	50 Hz ± 0.05 Hz
		8	Inverter Efficiency	Better than 90%
		9	Overload Capacity	110% for 10 minutes, 200% for 5 cycles
		10	Crest Factor	Better than 3:1
		11	Harmonic Distortion	Less than 3%
		12	Isolation Transformer	UPS output should be fully isolated by double conversion and inbuilt isolation transformer within the UPS cabinet itself. External transformer shall not be considered.
		13	Ambient Conditions	Operating Temp: 0–50 Deg C
				Relative Humidity: 95% Max. non-condensing
		14	Digital Metering	Digital LCD display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency.
		15	Battery Back-up & Other Details	The system must be capable of providing requisite minimum VAH as per below: 4000VAH SMF batteries for 30 minutes 8000VAH SMF batteries for 60 minutes 16000VAH SMF batteries for 120 minutes
		16	Certification	ISO 9001, ISO 14001, ISO 50001 and OHSAS 18001 certified. UPS OEM should have BIS certificate. (As per Govt. Circular BIS Certificate is must upto 5 KVA)
		17	After Sales Support & Manufacturer's Credibility	UPS OEM should have a dedicated Toll Free No. for service call logging & resolution. The turnover of the manufacturer (OEM) of UPS should be minimum average of rupees 50 crores per annum during the last three financial years. Experience of more than 10 years in the manufacturing of UPS.
		Warranty-1 year, CMC 3 years PRODUCT SHOULD BE ISO, CE CERTIFIED		
20	CHART PROJECTOR	<p>Log MAR charts, a wider range of test charts are available. Vertical, horizontal, and single-character masks are available. Or, it can be fully open.</p> <p>Visual acuity values are displayed in the test frame.</p> <p>Charts can be changed either with the chart buttons or the arrow buttons on the controller.</p> <p>Chart units are sealed and dust-tight, and can be replaced with other units.</p> <p>With the friction method, the angle of the main unit can be adjusted vertically and horizontally (tilting up and down, and swinging left and right).</p> <p>The controller offers ergonomically aligned buttons.</p> <p>Projecting distance: 2.9 – 6.1m</p> <p>Projection size: 240(W) x 216(H) mm Ø240mm (when using at a distance of 5m)</p> <p>Mask: Red / Green filter: 1</p>		

	<p>Horizontal slits: 3  Vertical slits: 5  Spots: 15  Rotating speed of chart disk: 0.1 sec / frame, within 0.7 sec. Maximum  Rotating speed of mask disk : 0.1 sec / frame  Program provided: 2 kinds with 31 steps each  Main bulb used: LED  Power Saving: Automatically power off 10 minutes after use  Control: Infrared wireless remote control  Power source: AC100V-AC240V 50/60Hz  Mounts available: Table type, Wall type  Tilting function: Tilts up and down / left and right  Weight: 4.1kg  Warranty-1 year, CMC 3 years  <b>PRODUCT SHOULD BE ISO, CE &amp; FDA CERTIFIED</b></p>
Turnkey works	<p>Bidder has to supply all accessories related to equipments to function properly,  Online UPS,  Motorised/Manual Table,  Computer set where necessary or according to User,  Other Electrical/OT/OPD Renovation works etc.</p>



# TECHNICAL SPECIFICATIONS OF OPHTHALMIC EQUIPMENTS

## (Group : B)

SI No	Name of Items	Specification
01	<b>OT TABLE</b>	<ul style="list-style-type: none"> <li>• OT 2000 Plus is a new generation, fluidly motorized Operation Table with feature-empowered design</li> <li>• Motorized vertical height adjustment enables the ophthalmologist to perform from a convenient, comfortable standing or sitting position</li> <li>• Optimally Positioned head rest with manually controlled up &amp; down motion option allows the surgeon easy access to the patient, while offering the patient comfortable head positioning. Plus, there is ample leg room and sufficient space for equipment pedals.</li> <li>• Spacious, Autistic Polyurethane cushions offer patients excellent comfort and are easy to clean &amp; maintain</li> <li>• Adjustable wrist support offers surgeons convenient stability during operations</li> <li>• Built-in trendelenberg(head low) &amp; reverse trendelenberg(head up) positions ensures safety during emergencies</li> </ul> <p>Length (With Head Rest) : about 2 metres (75")            Width : about 600 to 700 mm (24<sup>0</sup>)            Minimum Height : 690 mm (27")            Maximum Height : 920 mm (36")            Stroke Length : 230mm (8.2")            Wight Lifting : 150 kg            Back Rest Section : 20<sup>0</sup> (Head side)            Leg Section : 30<sup>0</sup>            Warranty-1 year, CMC 3 years  <b>PRODUCT SHOULD BE ISO, CE / FDA CERTIFIED</b></p>
02	<b>APPLANATION TONOMETER</b>	<p>Measuring body: 2 prisms for image splitting            Diameter of applanation field: 3.06 mm (0.12 in)            Measuring range: 0 - 78 mN            Scale reading: 1.96 mN            Reading of graduated drum: X 10 = intraocular pressure in mm Hg            (or conversion to kPa with conversion table)            Dimensions of tonometer: 200 x 85 x 218 mm (7.9 x 3.3 x 8.6 in)            Total weight: 680 g (1.50 lbs)            Warranty-1 year, CMC 3 years  <b>PRODUCT SHOULD BE ISO, CE /FDA CERTIFIED</b></p>
03	<b>CRYO UNIT</b>	<ol style="list-style-type: none"> <li>1. Front panel gauze indicates incoming cylinder gas pressure</li> <li>2. Temp. Selection - 25deg, -55deg,-85deg, tolerance +/-5deg.</li> <li>3. Front panel On/off switch turns console on/off</li> <li>4. Foot switch controls freezing operation (Depress to freeze &amp; release to defrost)</li> <li>5. Power source run on CO2 &amp; N 2O gas</li> <li>6. Tip should have protective cover</li> <li>7. Cryo tube enhanced flexibility, 9 ft long, reduced coil memory</li> <li>8. Probes               <ol style="list-style-type: none"> <li>a) curved retinal probe 2.8 mm dia X17.3mm length</li> <li>b) Curved glaucoma probe 3.4 mm dia*X19 mm lengthc)</li> <li>Vitreous probe 1.5 mm dia X27 mmLength</li> </ol> </li> </ol> <p>Warranty-1 year, CMC 3 years  <b>PRODUCT SHOULD BE ISO, CE /FDA CERTIFIED</b></p>

04	<b>B SCAN</b>	<p><b>FIVE PROBES</b>  Decide for more options now or later – with the optional 40 MHz linear UBM or 20 MHz Pachymetry probe – they are all easy to attach. Even A-diagnostic with the log, linear or S-mode is no problem</p> <p><b>DISPLAY TFT LCD :</b> 10.4 inches, colour touch screen</p> <p><b>10 MHZ B-PROBE 2-RING SECTOR SCANNING</b>  Frame rate basic mode: 20 frames / sec  Maximum number of pages in a movie: 200 pages x 2  Image display range Standard : 35.2 mm / 52°  (at ultrasound velocity = 1,550 m / sec)  Wide: 48.0 mm / 52° (at ultrasound velocity = 1,550 m /sec)  Axial &amp; lateral resolution / accuracy: 0.6 mm / ±0.5 mm  Acoustic lines : 131 lines (step by 0.4°)  Colour scale : 256 scale level</p> <p><b>40 MHZ UBM PROBE SINGLE LINEAR SCANNING</b>  Frame rate basic mode : 10 frame / sec  Maximum number of pages in a movie: 100 pages x 2  Image display range: 9 mm (W) x 7mm (D) (at 1,550 m /sec)  Axial &amp; lateral resolution / accuracy: 0.05 mm / ±0.1 mm  Minimum distance unit between cursors: 0.02 mm step (at 1,550 m /sec)  Acoustic lines : 450 lines (step by 0.02 mm)  Colour scale : 256 scale level</p> <p><b>BIOMETRY 10 MHZ SOLID STATE PROBE WITH BUILT IN RED FIXATION LED</b>  Measurement range: 45.00 mm  Measurement resolution / accuracy: 0.01 mm / ±0.1 mm  IOL power calculation: Haigis standard  Haigis optimised  Hoffer ®Q  Holladay 1  SRK II  SRK/T  SRK SHOWA  Shammas-PL  SRK/T Double K</p> <p><b>A-SCAN DIAGNOSIS 10 MHZ SOLID STATE PROBE</b>  Measurement range: 60 mm  Measurement resolution / accuracy: 0.01 mm / ±0.1 mm</p> <p><b>PACHYMETRY 20 MHZ SOLID STATE PROBE TIP 1.5 MM WITH AN ANGLE OF 45°</b>  Measurement range: 150 to 1,500 µm  Measurement resolution / accuracy: 1 µm / ±5 µm  Percent bias: 60 to 130%  Plus minus bias : -600 to +450 µm  Velocity range / standard: 1,400 to 2,000 m/s / 1,640 m/s</p> <p><b>CONNECTORS</b>  B-scan for 10 or 40 MHz, a-scan / pachymeter, foot switch, LAN, USB 2 x standard 2 x OA-2000 /PicBrigde, DICOM work list.</p> <p><b>DIMENSIONS AND WEIGHT</b>  <b>Dimension WDH:</b> 310 x 214 x 326 mm</p> <p><b>POWER SOURCE</b>  <b>Input Voltage:</b> 100-240 VAC  <b>Frequency :</b> 50/60 Hz</p>
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		<b>Power consumption : 120 VA</b> Warranty-1 year CMC-3 years Should be ISO,CE/FDA Certified
05	<b>SCHIOTZ TONOMETER</b>	1. Chrome plated complete with footplate and stainless steel plunger with jewelled hammer assembly 2. The device is supplied with certificates of accuracy, recording forms and protective case 3. With footplate, plunger and holder, jewelled pointer action, hardened pointer hand and inclined scale  Warranty-1 year CMC-3 years Should be ISO,CE/FDA Certified
06	<b>DCR SET</b>	<b>DCR SET-1Nos</b> 1. Castroviejo suture tying & corneal forceps=1 no 2. Bonaccolto utility forceps=1 no 3. Bishop harmon iris forceps delicate1x2 teeth=1 no 4. Eye dressing forcep straight=1 no 5. Westcott tenotomy steven pointed =1 no 6. Steven tenotomy scissors straight=1 no 7. Iris scissors straight=1 no 8. Halstead homostaic mosquito forceps=1 no 9. Castroviejo needle holder straight=1 no 10. Barraquer needle holder curved=1 no 11. Baby jones towel clamp cross action=1 no 12. Stevenson lachrymal sac retractor=1 no 13. Lachrymal cannula 23G=1 no 14. Bishop harmon AC wash cannula=1 no 15. Beyer rongeur forceps =1 no 16. Kerrison rongeur forceps=1 no 17. Killian nasal speculum adult=1 no 18. Mallet Kirby handle=1 no 19. Bowman lachrymal probe(set of 4,8 size) 20. Castroviejo lachrymal dialator=1 no 21. Wilder lachrymal dilator=1 no 22. Razor blade breaker &holder=1 no 23. Desmarres,lid retractor solid blade=1 no 24. Rollet catpaw lachrymal sac hook=1 no 25. West bone gouge=1 no 26. Freer twin elevator sharp & blunt=1 no 27. Traquair peristeal elevator=1 no 28. Sterilizing tray with two silicon mats ss with racks=1 no  <b>SHOULD BE PACKED IN HARD CARRY CASE</b> <b>SHOULD BE ISO,CE/FDA CERTIFIED PRODUCT</b> <b>WARRENTY 1(ONE) YEAR</b>
07	<b>SQUINT SET</b>	<b>SQUINT OPERATING SET- 1 No</b> 1. Barraquer wire speculum=1 no 2. Lieberman speculum=1 no 3. Lid retractor. 11 cm=1 no 4. Lid retractor, 13 cm=1 no 5. Grafe muscle hook. Medium=1 no 6. Grafe muscle hook. Large=1 no 7. Jameson Muscle hook=1 no 8. Culler muscle hook=1 no 9. Knapp strabismus scissors=1 no 10. Barraquer needle holder. Long jaws. Curved=1 no 11. Castroviejo needle holder, 14 cm long jaws with lock=1 no 12. Mosquito forceps. 12.5 cm. cu. Blunt point=1 no 13. Westcott – Tenotomy scissors. Cu. Sharp/Blunt=1 no

		<p>14. Bishop – Harmon tooth forceps=1 no  15. Bowman Lacrimal probe=1 no  16. Utility forceps, serrated, McCullough type=1 no  17. Utility forceps, serrated, McCullough type. =1 no  18. Caliper St. 20 mm. =1 no  19. Jameson calliper=1 no  20. Flexible Rule, Stainless Steel=1 no  21. Fixation forceps=1 no  22. Tissue fixation forceps. Size. 20=1 no  23. Colibri forceps=1 no  24. Castroviejo suture forceps. 0.12 mm platform=1 no  25. Castroviejo suture forceps. 0.5 mm platform=1 no  26. Jameson Muscle forceps. Left=1 no  27. Jameson Muscle forceps. Right=1 no  28. Baby Jones towel clamp=1 no  29. Sterilization Tray with silicon mat. 330x220x20 mm=1 no</p> <p>SHOULD BE PACKED IN HARD CARRY CASE  SHOULD BE ISO/CE/FDA CERTIFIED PRODUCT  WARRENTY 1(ONE) YEAR</p>
08	<b>SYNOPTOPHORE</b>	<p><u>Movement of Optical Table :</u>  Horizontal : Adduction + 50<sup>0</sup>  Adduction + 40<sup>0</sup>  Vertical : Hyper 30<sup>0</sup>  Hyper 30<sup>0</sup>  Torsional : Incyclo 20<sup>0</sup>  Excyclo 20<sup>0</sup></p> <p>Slide Illumination : Rheostat controlled 12V Lamp for each slide.  After Image illumination by 12V Lamp (for better illumination)  Auto Flashing of Slide illumination either.  Auto Flashing : Simulataneous or Alernate in Rapid &amp; Variable modes. Mode : Five Model of Slide illumination  Optical Accessories : Instrument Table (Motoized)/ Manual Table  Haldinager Brusher.  Warranty-1 year  CMC-3 years  Should be ISO,CE/FDA Certified</p>
09	<b>GOLDMAN TONOMETER</b>	<p>Measuring force generated: through leverage weight.  Measurement range: 0 – 80 mm Hg  Measurement deviation: The measurement deviation in the measuring prism is in the measuring range from 0 – 58.84 mN and amounts to a maximum of ±1.5% and to a minimum of ±0.49 mN of the nominal value.  Backlash width: ≤0.49 mN  Working temperature: 10° to 35° C  Net weight: Model R, 0.680 kg (without accessories)  Model T, 0.410 kg (without accessories)  Model BQ, 0.550 kg (without accessories)  Batteries: 4 x LR03 (AAA) 1.5 V  Bluetooth: Contains TX IC: 1520A-LMX9838  Contains TX FCC ID: EDQLMX9B38  Warranty-1 year  CMC-3 years  Should be ISO,CE/FDA Certified</p>
10	<b>KERATOMETER</b>	<p><b>Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Coincidence focusing system.</li> <li>2. 15x eyepieces.</li> <li>3. One position instrument Measure both meridians without changing optical system.</li> </ol>

		<ol style="list-style-type: none"> <li>4. Simple vertical adjustable head to fit patient.</li> <li>5. Astigmatic axis Oto 180 head to fit patient.</li> <li>6. The acromatic optical systems to precise measurement of the corneal radius curvature and accurate measurement of radius curvature of contact lens.</li> <li>7. Dual eye-level sighting system. Measuring range : Radius of curvature, 9.5 - 6.5 mm (in 0.25 mm steps).</li> <li>8. Dioptre 36 - 52 (in 0.25 steps).</li> </ol> <p>Warranty-1 year CMC-3 years Should be ISO,CE/FDA Certified</p>
11	<b>NEAR VISION BOX</b>	<ol style="list-style-type: none"> <li>1. Model is strong, Sturdy and durable with internal printing (according to snellen charts)</li> <li>2. Square in shape with the automatics Micro Switch</li> <li>3. Direct from 220Volts</li> <li>4. Available in all Indian languages</li> <li>5. Near vision test type for illiterates and children</li> <li>6. Dotts, Rings, Animals, Numericals</li> <li>7. Douchrome test with Red &amp; Green filters</li> <li>8. Apparatus has been scientifically designed to eliminate stress on the eyes and makes reading easier through illuminated panels.</li> <li>9. A bracket is also provided which can be fixed on the wall</li> <li>10. It's automatically gets illuminated when lifted from the bracket and switches off when placed on it.</li> <li>11. Weight 400grams</li> </ol> <p>Warranty-1 year CMC-3 years Should be ISO,CE/FDA Certified</p>
12	<b>TRIAL SET FRAME</b>	<p><b>Trial frames are adjustable frames that hold trial lenses used during Retinoscopy or Refraction tests on the eye.</b></p> <p><b><u>Features</u></b></p> <ol style="list-style-type: none"> <li>1. Easily changeable cylinder axis</li> <li>2. Fully adjustable temple length and nose rest</li> <li>3. Wide range of I.P.D adjustments from 50mm to 78mm</li> <li>4. 20mm reduced aperture</li> <li>5. Accommodates up to 4 pieces, 48mm trial lenses and permits smooth and easy manipulation of bridge and I.P.D</li> <li>6. Smooth axis adjustment</li> <li>7. Polarizing filters with height adjustment for distance and near examination</li> <li>8. Vertex distance scale</li> </ol> <p>Warranty-1 year CMC-3 years Should be ISO,CE/FDA Certified</p>
13	<b>ISHIHARA TEST CHART</b>	<p><b>Features:</b> Quickly differentiates between congenital and acquired defects</p>

		<p>Occupies less space on the wall Multi Language option <b>Other Details:</b> Book is specially printed to measure incrementally higher color sensitivity and specificity. Ishihara Test for Colour Blindness, 38 Plate Edition Popular and efficient test for red/green colour vision deficiency Quickly differentiates between congenital and acquired defects Choice of 38 plate, 24 plate, and 14 plate editions Should be ISO,CE/FDA Certified</p>
14	<b>VISCO PFS</b>	<p>Composition Hydroxypropyl Methylcellulose I.P. 2% w/v (High Viscosity) Sterile Isotonic Base q.s. Packaging 2 ml pre-filled syringe with cannula Should be ISO,CE/FDA Certified</p>
15	<b>REFRACTION CHAIR UNIT</b>	<p>Features: Fully automatic operation Optimal utilization of space High level of integration and combination Maximum patient comfort Easy to operate Very long life 1100mm x 42mm Aesthetic and high class design Feather touch switches, the lighting words and symbols make easy understanding Foot control switches for chair up/down &amp; reclining Convenient single handed controls for chair up/down, reclining &amp; head rest adjustment. Automatic functional arm rest &amp; foot rest wide range of models; technically and functionally optimal solutions are available. Compact construction Large choice of colors Chair: Elevation Strokes 210mm Seat Height 540mm to 750mm Inclination of back rest 90 to 180 degree Rotation (optional) 180 degree Power source 220 v a/c 50hz Power consumption 660 va Load lifting capacity 250 kgs. Unit: Power supply 0, 1. 5, 2. 5, 3,4,6,7. 5, 9 &amp; 12v Sliding tray loaded weight 30 kg on right &amp; left side Height from the floor 900mm Tray movement 0 to 90 degree Table top size 385mm x 795mm Trial lens set tray size 560mm x 350mm x 15mm Light pole length 1100mm x 42mm Prescription table 380mm x 431mm Table / retinoscope Ophthalmoscope voltage range 0, 1. 5, 2. 5, 3, 4. 5, 5, 6, 7, 7. 5, 9 &amp; 12v from 2amp transformer Fuse slow blow type Power Source 220vac Maximum Area Required 2415mm x 1200mm Total net weight of chair &amp; unit 250 kgs Warranty-1 year CMC-3 years Should be ISO,CE/FDA Certified</p>
	Turnkey works	<p>Bidder has to supply all accessories related to equipments to function properly, Online UPS, Motorised/Manual Table, Computer set where necessary or according to User, Other Electrical/OT/OPD Renovation works etc.</p>

**Annexure-I**

**PROFORMA FOR PERFORMANCE STATEMENT**

(For the period of last three years)

IFB No. : SMEJ/JMCH/2170/2017/3449

Dated: 11/11/2017

Date of opening of e Technical Bid : 17/01/2018 Time: 1:00 PM

Date of opening of e Price bid : 20/01/2018 Time: 12:00 PM

Name and address of the bidder:

Name and address of the manufacturer:

<i>Have the goods been functioning Satisfactorily (attach documentary proof)</i>	<i>Remarks indicating reasons for delay if any</i>	<i>Date of completion Of Contract</i>		<i>Value of Order* (Rs.)</i>	<i>Description and quantity of ordered goods and services with the warranty period for similar nature of works.</i>	<i>Order number and date</i>	<i>Order placed by (full address of Purchaser with phone number)</i>
		<i>Actual</i>	<i>As per contract</i>				

Signature and seal of the bidder

\* Value including all taxes.

**Annexure-II**

**BID FORM AND PRICE SCHEDULES**

IFB No.

Date

To

The Director of Medical Education, Six Mile, Guwahati: 22, Assam.  
Through the Principal-cum-Chief- Supdt. J.M.C. & H. Jorhat.

Gentlemen,

Having examined the bidding documents the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver (description of goods and services) in conformity with the said bidding documents for the sum of (total bid amount in words and figures) or such other sums as may be ascertained in accordance with the schedule of prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to commence delivery within (number) days and to complete delivery of all the items specified in the contract and to perform all the incidental services within (number) days calculated from the date of your notification of award.

If our bid is accepted, we will obtain the guarantee of a bank in a sum not exceeding 5 (Five) percent of the contract price for the due Performance of the contract.

We agree to abide by this bid for a period 365 days from the date of opening of the bid (please specify the calculated date) and it shall remain bidding up on us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this.....day of ....

Signature  
(in the capacity of)

Duly authorized to sign tender for and on behalf of .....



**Annexure-III**

**PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF  
FOREIGN ORIGIN LOCATED WITHIN INDIA**

Sl. No.	Sales and other Taxes/duties Payable, if Contract is awarded	Total Price Including (AMC/CMC) Excise Duty 4x6	CMC Amount for 3 year	Unit Price Including Ex-cise Duty [a+b+c + d+e+f]	Price per unit						Qty	Country of Origin	Item Description
					Incidental Services (including supervision) (f)	Insurance and Incidental costs (e)	Inland Transportation (d)	Packaging and Forwarding ©	Excise Duty (if any) (b)	Ex-factory / Ex-warehouse/ Ex-show-room/ Off-the shelf (a)			
1	2	3	4	5	6						7	8	9

Total bid price in Rupees:

In words:

Signature of bidder

Date:

Name

Place:

Business Address

NOTE:

- (i) In case of discrepancy between unit price and total price, the unit price shall prevail.

**Annexure-IV**

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC SECURITY**

To **The** (Name and address of the purchaser). WHEREAS \_\_\_\_\_  
(Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no. \_\_\_\_\_ dated \_\_\_\_\_ to supply (description of goods and services) (herein after called "the contract"). AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract; AND WHEREAS we have agreed to give the supplier such a bank guarantee; NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. \_\_\_\_\_  
(Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand. We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification. This guarantee shall be valid up to 62 months from the date of satisfactory installation of the equipment i.e. up to -----  
(indicate date). ..... (Signature with date of the authorized officer of the Bank) ..... Name and designation of the officer

.....  
.....  
Seal, name & address of the Bank and address of the Branch

**Annexure – V**

**DECLARATION**

**on**

**Manufacturing facilities / after Sales Service**

**Tender enquiry No**

For supply of

- 1 Name of the bidder
- 2 Full Postal Address
- 3 Telephone No./Fax No.
- 4 Email address
- 5 Date of inception of business
- 6 Registration no. & Date
- 7 Issued by
- 8 Valid till
- 9 Details of manufacturing activity  
& item wise capacity
- 10 Detail of After Sales Service facilities available  
locally Name of the Agency

Full Postal Address

Phone / Fax / E-mail

- 11 Name of person responsible for 10 above

Sl. No.	Name	Designation	Age	Residential Address

- 12 Has the bidder ever been black listed by any govt. agency? If yes, give details
- 13 Has any cases pending in the court related to any supplies? If yes, give details
- 14 Does the firm have the adequate facilities for inspection and quality control? Please give details

I, \_\_\_\_\_ Proprietor/ Partner /Director of  
M/s \_\_\_\_\_ hereby declare that  
the information given in this form is true and correct to the best of my knowledge & belief.  
I/we agree to the tender Inviting Authority forfeiting the Earnest Money Deposit and/or  
Performance Security Deposit and blacklisting us for a period of 5 years, if any information  
furnished by us proved to be false at the time of inspection and non – compliance with terms  
and conditions of the contract

I offer to supply the items mentioned in the schedule (enclosed in price bid) at the rates quoted  
therein. I agree to hold this offer for one year after finalization of rate contract.

Dated:

Signature

Name of the bidder

Address

## ANNEXURE-VI

### ANNUAL TURN OVER STATEMENT

The Annual Turnover of M/s \_\_\_\_\_ for the past three years and concurrent commitment for the current financial year are given below and certified that the statement is true and correct.

<i>Sl.No.</i>	<i>Year</i>	<i>Turnover (Rs.in Lacs)</i>
1	2014-15	
2	2015-16	
3	2016-17	
<b>Total</b>		
<b>Average turnover per annum</b>		

Date:

Seal:

Signature of Auditor/ Chartered Accountant  
(Name in Capital)

**Annexure-VII**  
**UNDERTAKING**

To

The Director of Medical Education, Six Mile, Guwahati: 22, Assam.  
Through the Principal-cum-Chief- Supdt. J.M.C. & H...Jorhat.

IFB NO. \_\_\_\_\_

Sir,

1. I, Shri \_\_\_\_\_, on behalf of M/s \_\_\_\_\_ having registered office at \_\_\_\_\_, do hereby declare that I have gone through the terms and conditions mentioned for the above and undertake to comply with all tender terms and conditions. The rates quoted by me/us are valid and binding on me/us for acceptance for a period of one year from the date of award of contract to us.
2. I/We undersigned hereby bind myself/ourselves to the purchaser to supply all the offered equipment. The rates quoted by me/us for the items tendered for are specified against each. It is certified that rates quoted are lowest quoted for any institution in India and not higher than the MRP/ prevailing market rate.
3. The articles shall be strictly as per specification and of the best quality as per requirement of the institution. The decision of the Office of The Director of Medical Education, Assam (hereinafter called the said Director) as regards to the quality and specification of article shall be final and binding on me/us.
4. We undertake to provide backup services of Trained Technical Personnel on round-the-clock basis for emergency problem.
5. We undertake and confirm that the equipment shall be covered by our standard warranty as shown in the requirement. In case of any defect reported, the defective part shall be replaced.
6. We shall organize technical seminars / workshops at various locations within the State to impart education and training to the medical professionals as and when requested by the purchaser.
7. We agree to the conditions of the tender under which the EARNEST MONEY DEPOSIT and PERFORMANCE SECURITY DEPOSIT shall be forfeited by us.
8. We agree to accept the amount of the bill to be paid by the purchaser after completion of all codal formalities and should any amount of the bill found by the purchaser/auditors to have been over-paid; the amount so found shall be refunded by me/us.
9. We hereby undertake to supply the items during the validity of the tender as per direction given in supply order within the stipulated period.
10. We understand all the terms and conditions of the contract and bind myself/ourselves to abide by them.
11. We hereby declare that there is no vigilance/anti-corruption or court case pending against us at the moment.

SIGNATURE :  
NAME & DESIGNATION :  
DATE :  
NAME & ADDRESS OF :  
THE FIRM :  
SEAL :

**ANNEXURE-VIII**

**UNDERTAKING  
ON  
FRAUD AND CORRUPTION**

We M/s ..... do hereby undertake that, in competing for (and, if the award is made to us, in executing) the subject contract for supply of Equipment under tender reference no. .... Dt ..... We shall strictly observe the laws against fraud and corruption in force in the country.

Sd/-  
Signature of proprietor/Partner/Director

Designation:

Seal:

**Annexure-IX**

**MANUFACTURERS' AUTHORISATION FORM**

To,

**The Principal-cum-Chief- Supdt. J.M.C. & H.Jorhat.**

Dear Sir,

IFB No. \_\_\_\_\_

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 IFB No.....for the above goods manufactured by us.

No company or firm or individual other than Messrs.....are authorized to tender negotiate and conclude the contract in regard to this business against this specific IFB as also for all business in the entire territory of India.

An agency commission of .....% included in the gross ex-works price is payable to Messrs. ....

**We hereby certify that the Machine / spare parts do not contain any recycled or reconditioned parts or components**

We hereby extend our full guarantee and warranty as per clauses of contract for the goods offered for supply against this Invitation for Bid by the above firm.

Our other responsibilities include:

- (i).....
  - (ii).....
- (here specify in detail manufacturer's responsibilities)

The services to be rendered by Messrs. ....are as under:

- (i).....
  - (ii).....
- (here specify the services to be rendered by the agent).

Yours faithfully,  
(name)

For and on behalf of Messrs.....(name of manufacturer)

**NOTE:** This letter of authorization should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer. A copy of notarized power of attorney should also be furnished.



**ANNEXURE-X**

**AGREED TERMS & CONDITIONS**

IFB No. \_\_\_\_\_

A. Details of Bidder

<b>Bidder</b>	
<b>Offer Ref</b>	
<b>Contact Person:</b>	
<b>Telephone No.</b>	
<b>Fax No.</b>	
<b>E-mail:</b>	
<b>Signature:</b>	

B. Definitions

1. "Purchaser" means Principal-cum-Chief- Supdt. J.M.C. & H.Jorhat or his authorized representative.
2. "Bidder" or "Tenderer" means a person or firm or company who has made an offer for supply of goods and /or service as per tender.
3. "Vendor" or "Supplier" means a person or firm or company, to whom the order is addressed for supply of goods and /or services.
4. "Site" means the premises of the Medical Colleges of Assam or any other place as decided by the purchaser.

**NOTE: The questionnaire below must be duly filled in and should be enclosed with the bid. Clauses confirmed here under should not be repeated. All commercial terms and conditions should be indicated in this format. If necessary, details including deviations to the terms and conditions of the bid document, if any, should be enclosed as annexure to this questionnaire. Clauses not applicable or not relevant may be marked NA.**

<i>Sl. No.</i>	<i><u>Vendor's Confirmation</u> (Confirmed/Noted/Deviation/ furnished separately)</i>	<i>Description</i>
<b>C. Technical</b>		
1.		Confirm that you meet the eligibility criteria as per bid document and have furnished relevant documents.
2.		Confirm acceptance of Technical Specification And scope of supply as per Tender Document.
3.		In case of deviations, confirm that the same have been highlighted separately.
4.		Confirm that equipment catalogue and technical data, wherever applicable, have been enclosed.
5.		Confirm that all certificates/ deviations furnished.
6.		Confirm that Earnest Money Deposited (EMD) as per bid document, for each schedule quoted, enclosed.
<b>D. Commercial</b>		
1.		It is noted that any deviations to the commercial terms and conditions shall lead to loading of prices or rejection of offer.
2.		Confirm that the quoted prices are on duly installed and commissioned at site basis including packing & forwarding (P & F) all duties and taxes viz. Excise Duty, Sales Tax/VAT/GST, freight, insurance, installation & Commissioning at site.
3.		Confirm furnishing of detail price break-up of each item showing all components of cost separately with basic price of equipment and other costs on % age of basic price to arrive at landed price in D2 above.
4.		It is noted that the statutory variations in taxes and duties within the Contractual delivery period shall be borne by the purchaser.
5.		If there is any variation or fresh imposition of Excise Duty at the time of supply due to various reasons, including turn-over, confirm that the same shall be borne by you.
6.		If 5 above is not acceptable, advise maximum possible rate of ED chargeable, which shall be loaded to you price.
7.		Confirm that in case of delay on your account any new or additional duties and taxes imposed after the contractual delivery date shall be to you account. This will be in addition to Price Reduction for Delay in Delivery.
8.		Confirm acceptance of Price Reduction Schedule for delay in Delivery @ 0.5% of delayed value of goods per week of delay or part thereof subject to maximum of 10% of the total order of value.
9.		Indicate Firm Delivery Period, which shall be counted from the date of placement of order and date of commissioning and acceptance of the installed equipment by purchaser's representative shall be considered as the delivery completion date.

10.		Confirm acceptance of relevant payment terms specified
11.		Force Majeure—Delivery period, price reduction termination etc are subject Force Majeure Condition as stipulated in the bid document.
12.		Confirm that the quoted prices shall remain firm & fixed till complete execution of the order.
13.		a) In case you are a manufacturer confirm that the prices quoted are not higher in any respect than quoted / agreed prices to any Govt. or Public Medical Institution. b) In case you are a dealer/ distributor / authorized agent, confirm that the prices quoted are as per manufacturer's price list with appropriated discount (Copy of Price list to be enclosed).
14.		a) Confirm that all inspection & testing charges including 3 <sup>rd</sup> party inspection (if required) included in the price. b) Quality Control Reports and Test Certificates, whenever applicable, shall be handed over to the purchaser along with the equipment.
15.		a) Confirm that erection, commissioning, trial run and handing over to the purchaser, after successful commissioning is your responsibility at no extra cost. b) Specify facilities (if any), like water supply/ electric power to be provided by the purchaser for commissioning of the equipment.
16.		Packing / forwarding, transportation, loading/ unloading and insurance are your responsibility. However, to protect the equipment from physical damages and/or deterioration due to weather during transit, you are to ensure proper packing & lifting arrangement. Pl confirm compliance.
17.		The material / equipment shall be guaranteed against any and all defects in design, workmanship, material & performance for a period shown in the Technical specification, from the date of commissioning and handing over to the purchaser. Should any defect detected or develop during the guarantee period, it shall be remedied promptly free of cost by the supplier and all expenses including transportation of goods necessitated for such repair and replacement shall be done by the supplier. Pl confirm acceptance.
18.		Confirm that Performance Bank Guarantee shall be furnished for 5% of the total order value valid till guarantee period of the goods.
19.		Confirm acceptance of Part order.
20.		Confirm acceptance of Repeat order within 12 months from the date of basic order at same price and terms & conditions.
21.		It is noted that the purchaser would disown any responsibility / liability toward irregularity, contravention or infringement of any statutory regulations including those of patent, on manufacture or supply of goods covered by the order.

22.		Terms & Conditions indicated in this format shall not be repeated in the bid. Terms & Condition indicated elsewhere and contradicting those in this format shall be ignored. Confirm compliance.
		ethics during bidding and in case favoured with an order, during execution of the order, without resorting to any fraud, corruption and/or coercion.
24.		Confirm that the offer shall be valid for a period of 365 days from the date of bid opening.

**Annexure-XI**

**EMD (BID SECURITY) FORM (BANK GUARANTEE)**

Whereas.....[name of bidder] (hereinafter called “the bidder”) has submitted his tender dated .....(date)for the supply of.....(hereinafter called “the bid”).

**KNOW ALL MEN by these presents that we ..... of .....having registered office at ..... (hereinafter called “the bank”) are bound up to the Governor of Assam (hereinafter call “the purchaser”) in the sum of ..... for which payment well and truly to be, made to the said purchaser, the bank binds itself, its successors and assigns by these presents.**

Sealed with the common seal of the said bank this ..... day of ....., 2017.

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form or
2. If the bidder, having been notified of the acceptance of its bid by the purchaser during the period of bid validity.
  - (a) fails or refuses to execute the contract form, if required or;
  - (b) fails or refuses to furnish the Performance Security, in accordance with the clauses of the tender.

We undertake to pay to the purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it, is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 90 (Ninety) days after the period of bid validity or as it may be extended by the purchaser, notice of which extension(s) to the bank is hereby waived and any demand in respect thereof should reach the bank not later than the above date.

Signature of the bank

Seal

Date.....

Place.....

Witness.....

.....

(signature, name and address)

**Annexure-XII**

**PERFORMANCE SECURITY FORM (BANK GUARANTEE)**

To

The Director of Medical Education, Ghy, Assam.  
Through the Principal-cum-Chief- Supdt. J.M.C&H, Jorhat.

Whereas.....  
...(name and address of the supplier) (hereinafter called “the supplier”) has undertaken, in  
pursuance of contract No.....dated.....2017 to supply  
(description of goods and services (hereinafter called “the contract”).

And whereas it has been stipulated by you in the said contract that the supplier shall  
furnish you with a bank guarantee by a recognized bank for the sum specified therein as security  
for compliance with its obligations in accordance with the contract.

And whereas we have agreed to give the supplier such a bank guarantee.

Now therefore we hereby affirm that we are guarantors and responsible to you, on behalf  
of the supplier, up to a total of .....(amount of the guarantee in  
words and figures), such sum being payable in the types and proportions of currencies in which  
the contract price is payable, and we undertake to pay you, upon your first written demand  
declaring the supplier to be in default under the contract and without cavil or argument, any sum  
or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove  
or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before  
presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the  
contract to be performed there under or of any of the contract documents which may be made  
between you and the supplier shall in any way release us from any liability under this guarantee  
and we hereby waive notice of any such change, addition or modification.

**This guarantee shall be valid** for the entire period of warranty from the date of  
completion of order.

Place and Date

Signature and seal of the guarantor

**Annexure-XIII**  
**CONTRACT FORM**

**(To be stamped as an agreement in the court stamp paper valued Rs. 100/-)**

This agreement made the .....day of..... 2017 between the Jorhat Medical College & Hospital, Jorhat (hereinafter “the purchaser”) of the one part and (name of supplier) of (address, city and country of supplier) (hereinafter “the supplier”) of the other part.

Whereas the purchaser is desirous that certain goods and ancillary services, viz. (brief description of goods and services) and has accepted a bid by the supplier for supply of those goods and services in the sum of (contract price in words and figures) (hereinafter “the contract price”).

Now this Agreement witnesses as follows:

01. The following documents shall be deemed to form and be read and construed as part of this agreement, viz.:

- (a) The Technical Specifications,
- (b) The Terms and Conditions of the Tender Document
- (c) The Supplier’s bid and original Price Schedules and
- (d) The Purchaser’s Notification of Award

2. In consideration of the payments to be made by the purchaser to the supplier as hereinafter mentioned, the supplier hereby covenants with the purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the contract.

03. The purchaser hereby covenants to pay the supplier in consideration of the provision of the goods and services and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract. Brief particulars of the goods and services which shall be supplied/provided by the supplier are as under:

SL. No.	Brief description Of goods/services	Quantity to be supplied	Unit price	Delivery terms (FOB/CIF/FOR etc)

Total value:

Delivery schedule:

In witness whereof the parties hereto have caused this agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed and delivered by the said..... (for the purchaser)  
in the presence of .....

Signed, sealed and delivered by the said ..... (for the supplier)  
in the presence of.....

**Other Services Required:**

- a) Onsite training for ophthalmologist and application training to three users, free of charge, including travel.
- b) The company should shift the complete instrumental set up and reinstall from one campus to another campus, free of cost as and when required.
- c) Company/Bidder should supply all the startup/electrical/Online UPS/Manual/electrical table where necessary against the equipment free of cost
- d) Company should provide software (Licensed version) free of cost.
- e) The company should provide regular software updates, whenever released, free of cost for the entire life of the instrument
- f) Company should have minimum of 100-150 installations in the country and should provide the list of installations, full address.

**Accessories:** Company should provide all Accessories for installation & initial training

**Warranty Period:** 1 year warranty from the date of installation and 3 years CMC after the expiry of the warranty as per Govt. rules.

- h) The technical specifications mentioned in this document are not to be viewed as restrictive and should be considered as only indicative. The authority reserves the right to select equipments as per their choice even if the specifications are not exclusively mentioned in this document.
- i) Bidders should have an experience to complete similar nature of works in last three years, a single work/supply order (Government /PSO/Pvt- Research Institute, Medical College, ICMR project) which value is minimum Rs.50 lacks has to be submitted as proof along with the bid. This must be in the name of the current bidder solely – not partnership or any similar arrangement.
- j) Bidders with complains from different end users (in Govt. and Private sectors)as regards timely delivery, quality, delay in supply Equipments, after sale service will be rejected.
- k) ISO, CE, FDA and other similar quality certificates must be submitted in support of the quoted products – a compulsory necessity.

**Optional:** Other optional requirements along with rate of CMC should be quoted separately.

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