

NOT TRANSFERABLE



JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.
(Public Sector Undertaking of the Government of Jammu and Kashmir)
Corporate Head Office: Plot No. 58, Friends Colony Satyam Road Trikuta Nagar Jammu
Corporate Office: Opposite J&K Motor Garage Deptt near Hajj House Bemina
Srinagar **Telefax:** 0194-2432008 **email:** jkmsclj@gmail.com;
jkmsclepm@gmail.com **website:** www.jkmsclbusiness.com.



**E BID FOR THE PROCUREMENT OF MACHINERY & EQUIPMENT
(ENT EQUIPMENTS - SMGS)
(REFERENCE No: NIT/JKMSCL/M&E/2021/469)**

DATED: 11-05-2021

LAST DATE OF SUBMISSION OF ONLINE BIDS: 23-06-2021 upto 1600 hrs

BIDDING DOCUMENT FOR PROCUREMENT of MACHINERY & EQUIPMENTS

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(To be submitted on letter head of Firm)

Bid Submission Letter
(Declaration Form)

Sub: - Regarding Bid submission for **NIT/JKMSCL/M&E/2021/ 469**

DATED 11 -05-2021

I/We..... (Name, Designation and Address of Bidder) having our office at..... (Address of Firm) do hereby declare that I/We have read all the terms & conditions of the bid document floated by JKMSCL and agree to abide by all the terms & conditions set forth therein.

I/We declare that we are participating in this bid in the capacity of (Manufacturer /Direct Importer/ Authorized representative of the original manufacturer) I/We have enclosed all the requisite documents and are as per the requirement of the NIT.

I/We further declare that the rates offered by us shall remain valid for the period of 24 months extendable for a further period of three months and shall reduce the rates, if the rates are reduced by us for any other buyer during this period within Union of India. **I/We have enclosed the documents as per details given in Annexure I of the NIB and other documents asked in NIT.**

We further undertake to abide by all the terms & conditions of the NIB.

Dated

Name and signature of bidder with seal



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Corporate Office: Opposite J&K Motor Garage Deptt. near Hajj House Bemina
Srinagar **Telefax:** 0194-2432008 **email:** jkmsslj@gmail.com;
jkmssclem@gmail.com **website:** www.jkmssl.nic.in

Tender No. **NIT/JKMSCL/M&E/2021/.469**

Dated: 11.05.2021

NOTICE INVITING TENDER

On Behalf of Jammu & Kashmir Medical Supplies Corporation Limited, e-bid under two cover system (Technical bid in cover 1 and Financial bid in cover-2) is invited for the finalization of Rate Contract for the procurement of **“Machinery & Equipment”** from the Original manufacturers / Direct importers/ Authorized Representatives of the manufacturers/ direct importers. Detailed tender document may be downloaded at J&K Govt. Portal www.jktenders.gov.in, www.jkmsslbusiness.com,. The cost of the tender along with tender processing charges of Rs.10,000/- (Rupees Ten thousand only/-) i.e. Rs.1,000/- (Rupees one thousand only) as cost of tender & Rs.9,000/- (Rupees Nine thousand only) as tender processing charges shall have to be paid either through NEFT in the Corporation's Bank Account No.0373040500000032 maintained at J&K Bank Limited, Branch Medical College Jammu, IFSC Code JAKA0MEDJAM or by depositing the amount directly into the above account No. Payable at Jammu/Srinagar (**IMPS money transfer shall not be entertained**).

- i. Scanned copies of Bank transfer/deposit receipt of cost of tender documents and Tender Processing charges in the shape of FDR/CDR shall have to be uploaded along with Technical Bid.
- ii. In place of EMD/Bid Security, only Bid security declaration accepting that ***“If the bidders withdraw or modify their bids during the period of validity and if they are awarded the contract and they fail to sign the contract, or to submit performance security before the deadline defined in the request for bids document, they will be suspended for the period of time specified in the request for bid documents from being eligible to submit Bids”***
- iii. Physical hard copy of technical bid is not required to be submitted.

Sd/-

Managing Director

Jammu and Kashmir Medical Supplies Corporation Ltd.



JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.
(Public Sector Undertaking of the Government of Jammu and Kashmir)

Corporate Head Office: Plot No. 58, Friends Colony Satyam Road Trikuta Nagar Jammu
Corporate Office: Opp. J&K Motor Garage Deptt near Hajj House Bemina Srinagar
Telefax: 0194-2432008 **email:** jkmsclj@gmail.com; jkmsclepm@gmail.com
website: www.jkmscl.nic.in

BIDDING DOCUMENT FOR
Procurement of Machinery & Equipment

Tender No. **NIT/JKMSCL/M&E/ 469**

Dated: 11 -05-2021

Date of publication of e-bid

: 11.05.2021

Start date and time for download of bid document

: 11.05.2021

Last date and time for download of bid document

: 23.06.2021 at 1600 hrs

Clarification start date

: 11.05.2021 at 1100 hrs

Clarification end date

: 31.05.2021 upto 1000 hrs

Pre- bid conference

: 31.05.2021 AT 11.00 A.M

(at Corporate Office, Jammu and Srinagar)

Start date and time for submission of online bids

: 11.05.2021 at 1000 hrs

Last date and time for submission of online bids

: 23.06.2021 at 1600 hrs

Date and time for online opening of technical bids

: 24.06.2021 at 1100 hrs

Cost of tender document

: Rs. 1000/-

Tender Processing charges

: Rs. 9000/-

ADDRESS FOR COMMUNICATION:

Managing Director or General Manager,
J&K Medical Supplies Corporation Ltd,

Address- Plot No. 58, Friends Colony
Satyam Road Trikuta Nagar, Jammu

Bemina Near Haj House- Srinagar (Kashmir)

Note: -

1. The bidder shall have to get themselves updated with the date & time fixed for Pre-bid as per the item list. After pre-bid meeting necessary changes in bid conditions shall be done with the recommendations of panel of technical experts drawn from the intending department after the approval of the competent authority. Bid should be submitted through e-portal www.jktenders.gov.in after pre-bid meeting including all the clarifications/ modifications/ amendments.
2. Corrigendum/addendum shall be the integral part of terms & conditions of bid which shall be duly signed and attached with the bid document by the bidder.
3. The JKMSCL is not bound to accept the lowest bid and may reject any/part thereof or all bids without assigning any reason thereof.
4. The bidders shall have to submit a **GST No. and valid 'GST' clearance**

certificate/returns submitted from the State taxes Officer and the 'PAN' issued by income tax department.

5. It is clarified that the information required in bidding document should be submitted only in enclosed format bidding forms without any change or modification in its formats. Bids submitted with changed or modified annexure/ formats shall be rejected.
6. Information of award of contract shall be communicated to all participating bidders on the website www.jktenders.gov.in, www.jkmsclbuisness.com

Note: -

1. *If any amendment/clarification is carried out in the technical specifications and bid terms & conditions following pre-bid meeting or any other information, the same shall also be uploaded on the websites mentioned above and the bidders shall keep themselves updated by regularly visiting the website/jk portal.*

Important Note :

1. **No representation shall be allowed, accepted and entertained after the Pre-bid meeting. Bidders are requested to submit their queries/clarifications in advance so that the same can be discussed and clarified during the Pre-bid meeting.**
2. **In view of the COVID19 Pandemic, the Pre-bid meeting may be arranged through Google link which shall be uploaded on the e.portal prior to Pre-bid Meeting**

TABLE-1

| S.No. | Item code | Name of the item | Average Annual turnover for last 03 years |
|--------------|------------------|---|--|
| 1. | ENT2101 | Integrated Vestibular Diagnostic Lab | 05 crore |
| 2. | ENT2102 | Rigid Oesophagoscope and Hypopharyngoscope | 05 crore |
| 3. | ENT2103 | Coblator System | 05 crore |
| 4. | ENT2104 | Fibreoptic Rhinolaryngo Videoscope- Adult and Paeditric | 05 crore |
| 5. | ENT2105 | ENT Radiofrequency Induced Thermotherapy Unit | 05 crore |
| 6. | ENT2106 | Otologic drill system | 05 crore |
| 7. | ENT2107 | ENT Work Station | 05 crore |
| 8. | ENT2108 | Micro saw with Micro drill | 05 crore |
| 9. | ENT2109 | Hearing Aid Analyzer | 05 crore |
| 10. | ENT2110 | ASSR | 05 crore |
| 11. | ENT2111 | Delayed Auditory Feedback (DAF) | 05 crore |
| 12. | ENT2112 | Speech Lab (Doctor Speech) | 05 crore |
| 13. | ENT2113 | ENT Treatment Unit | 05 crore |

The Average Annual Turn Over required for the above items pertaining to Group "Procurement of Machinery & Equipment" is mentioned above. Only the bid(s) falling under the category as specified under Annual Turnover is accepted. The bid(s) not falling under the Annual Turnover clause shall be out rightly rejected. Only manufacturer(s) or Importer(s) fulfilling the turnover clause shall be eligible to participate the e.bid.

Note:

1. The catalogues/brochures of the item shall be submitted along with the demand drafts in separate envelopes, 01 day prior to submission of online bids. The catalogues/brochures pertaining to the equipment information should be signed by the authorized signatory of the manufacturer.
2. No minimum quantity is guaranteed and the bidder shall not claim or compensation from the Jammu & Kashmir Medical Supplies Corporation Ltd.
3. Unsigned catalogues/brouchers pertaining to the equipment information shall not be considered & the tender for the said firm shall be out-rightly rejected.

DISCLAIMER

The information contained in this bid document for proposed procurement or subsequently provided to the Bidder(s), in documentary or any other form by or on behalf of the Jammu and Kashmir Medical Supplies Corporation Ltd. (procuring entity) or any of its employees or advisors, is provided to bidder(s) on the terms and conditions set out in this bid and such other terms and conditions subject to which such information is provided to the bidder.

Whilst the information in this bid has been prepared in good faith and contains general information in respect of the proposed procurement, the bid is not and does not purport to contain all the information which the bidder may require.

Jammu and Kashmir Medical Supplies Corporation Ltd., does not accept any liability or responsibility for the accuracy, reasonableness or completeness of, or for any errors, omissions or misstatements, negligent or otherwise, relating to the proposed procurement, or makes any representation or warranty, express or implied, with respect to the information contained in this bid or on which this bid is based or with respect to any written or oral information made or to be made available to any of the recipients or their professional advisers and liability therefore is hereby expressly disclaimed.

This document is neither an agreement and nor an offer or invitation by the Jammu and Kashmir Medical Supplies Corporation Limited, (hereinafter referred to as "procuring entity") to the prospective bidders or any other person. The purpose of the bid document is to provide interested parties with information to assist the formulation of their proposal/offer. The information contained in this bid document is selective and is subject to updating expansion, revision, and amendment. Each recipient must conduct its own analysis of the information contained in this bid document or to connect any inaccuracies therein that may be in this bid document and is advised to carry out its own investigation into the proposed procurement, the legislative and regulatory regime which applies thereto and by and all matters pertinent to the proposed procurement and seek its own professional advice on the legal, financial, regulatory and taxation consequences of the entering into any agreement or arrangement relating to the proposed procurement.

This bid document includes certain statements, estimates and targets with respect to the procurement. Such statements, estimates and targets reflect various assumptions made by the procuring entity, (and the base information on which they are made) which may or may not prove to be correct. No representation or warranty is given as to the reasonableness of forecasts or the assumptions on which they may be based and nothing in this bid document is, or should be relied on as, a promise, representation, or warranty. Bid document and the information contained therein is meant only for those applying for this procurement, it may not be copied or distributed by the recipient to third parties, or used as information source by the bidder or any other in any context, other than applying for this proposed procurement.

The procuring entity is, its employees and advisors make no representation or warranty and shall have no liability to any person, including any bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred

or suffered on account of anything contained in this bid document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the bid document and any assessment, assumption, statement or information contained therein or deemed to form part of this bid document or arising in any way for participation in this bidding process.

The procuring entity also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any bidder upon the statements contained in this bid document.

The procuring entity may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this bid document.

The issue of this bid document does not imply that the procuring entity is bound to select a bidder or to appoint the selected bidder or bidder, as the case may be, for the procurement and the procuring entity reserves the right to reject all or any of the bidders or bids at any point to time without assigning any reason whatsoever.

The bidder shall bear all its costs associated with or relating to the preparation and submission of its bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the procuring entity or any other costs incurred in connection with or relating to its bid. All such costs and expenses shall remain with the bidder and the procuring entity shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a bidder in preparation or submission of the bid, regardless of the conduct or outcome of the bidding process.

Any information/documents including information/ documents pertaining to this bid or subsequently provided to bidder and/or selected bidder and information/documents relating to the bidding process; the disclosure of which is prejudicial and/or detrimental to, or endangers, the implementation of the procurement is not subject to disclosure as public information/documents.

Managing Director
Jammu and Kashmir Medical Supplies Corporation Ltd

Section-I Instruction To Bidders (ITB)

Before uploading bid, kindly go through the following instructions carefully so that your bid may not be considered invalid:

| Clause No. | Description |
|------------|--|
| 1. | Go through the terms and conditions, annexure and other forms of the document carefully and meticulously & get your digital signatures available for uploading. |
| 2. | Bid form must conform the terms & conditions of the bid documents and Technical Bid in Cover-'A' & Financial Bid in Cover-'B' to be uploaded on www.jktenders.gov.in. The cost of tender, tender processing fee, in case of DD/FDR and catalogues of the quoted items shall be submitted in the office of JKMSCL atleast one day prior to submission of online bids. |
| 3. | It is expected from all bidders that DD/CDR/FDR/BG in separate envelope shall be deposited with the authorised person of JKMSCL at reception against proper receipt from the concerned. |
| 4. | Correspondences/Complaints lodged to JKMSCL should bear signature, name, I.D proof and mobile number of the complainant. Unauthenticated correspondence/complaints may not be acted upon. If any bidder intends to lodge a complaint or make a suggestion with regards to some bid condition, it shall be done in the Pre-bid conference, in the office of JKMSCL in writing. After the stipulated period as decided by the JKMSCL, no such complaint/suggestion would normally be considered. |
| 5 | Certificates/Licenses/Documents which are required should be complete and updated. The bidder shall submit acceptance of terms and conditions of the tender document as annexure All. |
| 6 | If there is any query in bid document/uploading process, bidder may contact JKMSCL office at Jammu/Srinagar during working hours i.e 1000 hrs to 1600 hrs on ph. 0191-2580842, 0194-2432008 or e-mail on gmkjkmssl@gmail.com / jkmssclem@gmail.com / gmiijkmscl@gmail.com |
| 7. | In case a bidder is given any assurance what so ever of being provided with any advantage in JKMSCL by anybody or if a bidder is directly or indirectly threatened of being put to some deliberate disadvantage in the bidding process & in the bidder's subsequent association/ working with JKMSCL, it is requested that the concerned must immediately inform about the same to the Managing Director, JKMSCL/G.M-J(Adm), JKMSCL in writing or through e-mail on gmiijkmscl@gmail.com . It is advised that evidence of such unfair activity of such person, if available, is produced along with the complaint, so that action can be taken against such a person(s) and that their details can be put on the website so that other bidders can be forewarned in this regard. |

| | |
|----|--|
| 8 | The Bidders shall have to submit a GST No. & GST clearance certificate/return submitted from the concerned commercial taxes officer and the 'PAN' issued by income tax department. |
| 9 | It is clarified that the information required in bidding document should be uploaded as per enclosed bidding form without any change or modification in its formats. Bids submitted with changed or modified annexure/ formats shall out rightly be rejected. |
| 10 | The declaration of technical bid in respect of responsive/non responsive bidders shall be uploaded on website www.jktenders.gov.in Similarly, information regarding financial bid (L-1) shall also be provided to bidders on above websites. Individual bidders shall not be informed separately. |
| 11 | No firm/bidder/manufacture/importer shall provide/supply any of the product item at the rate contract /approved by JKMSCL to any of the department/NGO/other procuring institute within or outside the State. In case any supply is made in violation to the said condition (or), the supplier/firm shall be liable to be penalised to the tune of 7.5% of order placed/blacklisting for a period not less than five years (or) both as deemed fit, to the competent/Tender Inviting Authority. However, JKMSCL can procure the items for any of the departments within /outside the Union Territory of J&K/after charging the administrative expenses. |
| 12 | The qualified bidders are required to submit the relevant documents and annexure uploaded with their e.bid in original alongwith catalogues at the time of issuance of LOI /execution of agreement before issuance of rate contract. |
| 13 | The bidder shall not under any circumstances quote "Zero" anywhere in the BOQ. |

| | |
|----|---|
| 14 | <p><u>Important Instructions to bidders</u></p> <p>The bidders shall have to abide the clauses/restrictions interms of Rule 144 (xi) of the General Financial Rules (GFRs) issued by the Ministry of Finance, Department of Expenditure, Public Procurement Division vide No. F.No.6/18/2019-PDD dated 23.07.2020.</p> <p>The bidders are required to submit a certificate/ declaration regarding their compliance with this order. If such certificate given by a bidder whose bid is accepted and is found to be false, it will be a ground for immediate termination & further legal action in accordance with law. Bidders are required to go through the said order & Office Memorandum (s) for the necessary compliance</p> <p>Model Certificate for tenders</p> <p><i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that this border is not from such a country and is eligible to be considered."</i></p> <p>Model Certificate for Tenders</p> <p><i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fullfills all requirements in this regard and is eligible to be considered (where applicable, evidence of valid registration by the competent Authority shall be attached"</i></p> |
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Section-II: Bid Data Sheet (BDS)

| Clause No. | Description |
|------------|---|
| 1. | Introduction |
| 1.1 | The Procuring Entity is : Jammu & Kashmir Medical Supplies Corporation Ltd (J&K) |
| 1.2 | The expenditure on the subject matter of procurement shall be met by budgetary resources of demanding / indenting officers of the concerned department. The goods and related services to be procured are as per table 1 and <i>as per technical specifications</i> |
| 1.3 | The rate contract shall be valid for a period of two years which may be extended for a further period of three months. |
| 2. | Bidding document |
| 2.1 | Bids are invited from manufacturers/direct importers/ authorised representatives of the original manufacturers/direct importers. Joint venture will not be allowed. |
| 2.2 | The price of the bidding document Rs. 1000/- as tender fee and Rs. 9000/- as tender processing charges (non-refundable) |
| 2.3 | BID SECURITY: <ul style="list-style-type: none"> i. Scanned copies of Bank transfer/deposit receipt of cost of tender documents and Tender Processing charges in the shape of FDR/CDR shall have to be uploaded along with Technical Bid. ii. In place of EMD/Bid Security, only Bid security declaration accepting that <i>"If the bidders withdraw or modify their bids during the period of validity and if they are awarded the contract and they fail to sign the contract, or to submit performance security before the deadline defined in the request for bids document, they will be suspended for the period of time specified in the request for bid documents from being eligible to submit Bids"</i> |
| 2.3 | The Pre-bid meeting shall be held at the office of JKMSCL, Jammu and Srinagar as per critical dates. |
| 3. | Preparation of Bids |
| 3.1 | The language of the bid shall be in English only The Bidder shall uploaded as per the documents reflected in the bid submission letter |
| 3.2 | No rate should be quoted/uploaded along with technical bid in all such cases bid shall be rejected outrightly. Rates are to be uploaded on BOQ only. |
| 3.3 | Alternative bids are not permitted. |
| 3.4 | Discounts or award of combination of lots shall not be offered. |
| 3.5 | For goods offered from outside India/direct importer, the bidder shall quote prices including all kinds of costs like inland transportation, taxes, installation and commissioning charges up to the consignee site, complete in all respect including consumables kit for demonstration (if any). |

| | |
|------|---|
| 3.6 | The terms of quoting price of equipments are inclusive of all taxes/charges with installation and commissioning etc. complete in all respect. |
| 3.7 | The prices quoted by the bidder shall be fixed for entire contractual period of equipments. The contract price shall be fixed for a contract period of 24 months of the goods and related services; extendable upto 03 months with mutual consent. |
| 3.8 | The currency of the bid shall be multi-currency. |
| 3.9 | The bid validity period shall be minimum 180 working days from the opening of technical bid. |
| 3.10 | The scanned copy of complete bid document filled and signed on each page as per Instructions to bid (ITB) and other requirements need not to uploaded on website www.jktenders.gov.in . However, declaration regarding acceptance of all the terms & conditions and other clauses as given in the tender document duly notarised shall have to be uploaded along with technical bid. |
| 3.12 | The authorisation to sign on behalf of the bidder shall consist of power of attorney by the bidder/any valid certification or the change in bidder shall be resolved in the board of firm/ company which shall be immediately communicated to the JKMSCL. No authorised agent/dealer/supplier shall be allowed to make any declaration which is mandatory required to be made by the MD/chairman/Directors/authorised person designated by the manufacturing company/importer. |
| 4. | Evaluation and comparison of bid |
| 4.1 | The price preference shall apply as per GCC and SCC provisions. |
| 5. | Award of Contract |
| 5.1 | If the procuring entity does not procure any subject matter of procurements, the bidder shall not be entitled for any claim or compensation. No minimum quantity is guaranteed. |
| 5.2 | The period within which the contract agreement is to be executed and performance security is to be submitted is 15 days from the date of receipt of letter of intent (LOI) through email, fax/correspondence etc. |
| 5.3 | The performance security shall be required as per GCC-10 @5 % of the value of the indicative quantity in favour of JKMSCL payable at Jammu/Srinagar. |
| 6. | Redressal Grievances during Procurement Process |
| 6.1 | <p>I. In case of any dispute, the decision of Managing Director, JKMSCL shall be final and binding.</p> <p>II. If any dispute arise out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred by the parties to the Managing Director JKMSCL, J&K who will appoint his senior most officer as the sole arbitrator of the dispute who will not be related to this contract and whose decision shall be final.</p> <p>III. If any bidder or prospective bidder is aggrieved that any decision, action, omission of the procuring entity is in contradiction to the provisions of the Act/Rules of the guidelines issued there under; he may file an appeal to first & final appellate authority, i.e Financial Commissioner to Govt. Health &</p> |

| | |
|-----|--|
| | <p>Medical Education Department, J&K within 10 days from the date of such decision, action, omission as the case may be, clearly giving the specific ground(s) on which he/she feels aggrieved. Fee for such appeal shall be Rs. 10,000/- (ten thousand only), 50% of which shall be refundable, if the decision is announced in his/her favour.</p> <p>IV. Any legal dispute shall be within the jurisdiction of Hon'ble High Court of Jammu / Srinagar (J&K).</p> |
| 7.2 | <p>Name & Address of the Bidder:</p> <p>Name and Designation.....</p> <p>M/S</p> <p>Telephone No.....</p> <p>Telegram Code Fax No.....</p> <p>Mobile No e-mail address(email of responsible person be intimated)</p> |

SECTION III – QUALIFICATION AND EVALUATION CRITERIA

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Section III: Evaluation and Qualification Criteria

2. Qualification Criteria

The lowest evaluated bidder shall have the necessary qualifications to successfully fulfil its obligation under the contract. Minimum acceptable levels with regards to bidder's experience in supply of goods and related services with comparable technical parameters, its financial capability and other factors are defined.

| Clause No. | Description |
|------------|---|
| 1. | Contractual experience:- The bidder shall be a original manufacturer; direct importer; (or) authorised representative of the original manufacturer/direct importer, who must have manufactured/ imported, supplied and installed such equipments in India satisfactorily. The list of such installations may be asked from the bidder and the bidder should submit self attested copy of purchase order, indent and invoice (inclusive of quantity & rate). |
| 2. | Technical experience:- The goods (similar) offered/ being procured by JKMSCL have been produced and sold for at least three years and have been in operation satisfactorily. |
| 3. | Production capacity : The JKMSCL may fix the minimum supply and/ or production capacity required to assure that the bidder is capable of supplying the type, size and quantity of goods required. It should be dedicated quantity to JKMSCL on monthly and annual basis. Production capacity certificate be attached with uploaded document. |
| 4. | Financial position:- The soundness of the bidders financial position showing long term profitability demonstrated through audited annual financial statement (balance sheet, income statement etc.) for last three years. |
| 5. | Cash Flow capacity : The bidder should have sufficient availability of/ access to liquid assets, lines of credit and other finances to meet the possible cash flow requirement which may arise during the execution of the rate contract. |
| 6. | Litigation history:- The information regarding all pending claims, arbitration, or other litigation is asked by the JKMSCL |
| 7. | Tax clearance certificates:- The GST returns and other tax clearance certificate (latest) or declaration to be submitted by the bidder. Bidders shall have to submit a valid & latest 'GST' clearance certificate/return submitted online as per GST rules alongwith GST No. and the 'PAN' issued by concerned department. |
| 8. | Declaration regarding qualifications :- Declaration regarding qualifications of the bidder shall be given in specified format provided in bidding forms. |

1. Evaluation Criteria

| Claus | Description |
|-------|---|
| 1. | Scope |
| 1.1 | Local handling and inland transportation:- The cost for Inland transportation, insurance, related services, installation, commissioning, demonstration and other incidental costs for delivery of goods, or port of entry, or supply point to consignee site, schedule of supply shall be quoted in price schedule. |
| 1.2 | Minor omission and missing items:- Pursuant to the relevant clauses, the cost of all quantifiable non-material non-conformities or omissions from the contractual and commercial conditions shall be evaluated. The procuring entity will make its own assessment of the cost of any non-material non-conformities and omissions for the purpose of ensuring fare comparison of bids. |
| 2. | Technical Criteria:- The minimum technical level that the goods and related services shall have in order to comply with the Section V, schedule of supply are specified. These criteria are evaluated on a pass-fail system, with a minimum acceptable level for each criteria enumerated in technical specifications of item. However, a minor deficiency in technical compliance may not be cause for rejection of the bid. |
| 3. | Economic Criteria: - The economic criteria are most important when evaluating a Bid. The price, however, may not be the only criterion, as there could be technical evaluation that may be expressed in mandatory terms <i>i.e.</i> cost per test etc. The following may be examples: - 3.1, 3.2.... |
| 3.1 | Adjustment for deviations in the delivery and completion schedule: - The deviation from the delivery and completion schedule specified in Section V, schedule of supply are permitted. No credit will be given for earlier completion. |
| 3.2 | Operation and maintenance cost : The operation and maintenance costs of equipments are taken into account for bid evaluation purposes. The methodology is elaborated at BOQ for determining lowest bid (L-1) Generally, the life cycle of equipment and its comprehensive maintenance period is defined in technical specifications. Presently, maintenance costs are evaluated at their present value over the life cycle of the goods and then added to the price of the goods for comparison of bids. |
| 3.2 | Spare parts: - Only those spare parts and tools which are specified on an item wise basis in the list of goods and related services Section V, schedule of supply shall be taken in account in bid evaluation. Supplier recommended spare parts for specified operating requirement shall not be considered in bid evaluation. The price for evaluating L1 (as per BOQs) shall be decided on the basis of cumulative rates of Main item, Accessories (wherever asked) /Indian items (wherever asked) i.e cost of main item + cost of Accessories = Total cost of equipment. |
| 3.3 | Performance and productivity of goods:- The performance and productivity of the equipments shall be as per the reference value or norms specified in technical specification of an item and corresponding value guaranteed by the bidder in its bid. |
| 4. | Price preference:- |

| | |
|-----|--|
| 4.1 | The price preference shall be given in evaluation of bids and award of contract as per MSME Policy in vogue. |
| 4.2 | Taxes as applicable, should be mentioned clearly and separately. |

Section IV: Bidding Forms

Table of Contents

| S.No | Name of Bidding Forms | Pages |
|------|---|-------|
| 1 | Bid security (Through FDR/CDR/BG) | |
| 2 | Bid / Tender charges (Incl. Tender processing fee) | |
| 3 | Technical bid submission sheet (Annexure I) | |
| 4 | Financial bid format (BOQ) (Annexure III) | |
| 5. | Declaration and undertaking (Annexure IV) | |
| 6 | Client Base In India (Annexure V) | |
| 7 | Authorisation from principal manufacturer (Annexure VI) | |
| 8 | Average Annual Turnover Statement (Annexure VII) | |
| 9 | Letter of Acceptance (Annexure VIII) | |
| 10. | List of Items Quoted (Annexure IX) | |

(To be submitted on Firms' letter head)
Technical Bid Submission Sheet (Cover 'A')

Managing Director

Jammu & Kashmir Medical Supplies Corporation Ltd.

J&K

We, the undersigned, declare that:

1. I/Wehave examined and have no reservations to the bidding document of NIB No. dated.....including addenda/clarification No.:.....dated We offer to supply in conformity with the bidding document and in accordance with the delivery schedule specified in Section V, schedule of supply, the following goods and related services..... *Name of the item and Guarantee period plus etc.*
2. Our bid shall be valid for a period of minimum 180 working days from the date of technical bid opening in accordance with the bidding document, and it shall remain bidding upon us and may be accepted at any time before the expiration of that period. However, validity may also be extended with mutual consent;
3. If our bid is accepted, we commit to submit a performance security in the amount of 5% of the contract price or as specified in bid document for the due performance of the contract;
4. Our firm, including authorised representative for any part of the contract, have nationalities from the eligible countries;
5. I/We are not participating, as bidders, in more than one bid in this bidding process, in the bidding document;
6. Our firm, its affiliates or subsidiaries, including authorised representative has not been debarred by the Union Govt/any State Government or the procuring entity.
7. I/We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
8. I/We agree to permit the JKMSCL to ask any relevant documents. I/We shall be bound to provide the said relevant document within the specified period.
9. My/our quoted items..... *(Name of item)*.....fully comply with the technical specifications as per bid document Section V, schedule of supply.
10. **The bidder shall ensure that the bid document sheet shall be properly filled with particulars, page numbering and tender document should be properly numbered.**
11. I/We certify that I/We have annexed the following documents with particulars & page No. mentioned against each column :

| S. No | Item | Particular | Attached at (Page No.) |
|-------|--|------------|---------------------------|
| 1. | Technical bid submission sheet duly filled | Annexure I | |
| 2. | Bid security (as mentioned above) | | |
| 3. | Bid / Tender charges (Incl. Tender processing fee) | | |
| 4. | Self attested photocopy of IEC certificate of the Importer | | |
| 5. | Copy of GST Registration of the Bidder | | |
| 6. | Latest GST Returns of the Bidder | | |
| 7. | Copy of the PAN Card of the Bidder | | |

| | | | |
|-----|---|----------------------|--|
| 8. | Nature of the Firm/Public Company / Private Company/ Partnership/ Proprietorship/any other with Documentary proof. | | |
| 9. | Authorisation from principal manufacturer / Importer <i>(On the letterhead of Principal manufacturer / Sole Importer) In case authorization to the bidder is furnished by the Sole Importer/Indian Subsidiary, document confirming authorization from foreign Principal Manufacturer in favour of Indian Subsidiary / Sole Importer is to be submitted.</i> | Annexure VI | |
| 10. | Average Annual Turnover Statement for Last 3 financial Years of the Principal Manufacturer / Indian Subsidiary of Principal Manufacturer/ Sole Importer issued by Chartered Accountant/competent authority with UDIN. | Annexure VIII | |
| 11. | Copies of Audited Balance sheet & profit loss account for last three financial years certified by Chartered Accountant or Solvency Certificate issued by the Banker of the Manufacturer / Importer/Indian Subsidiary | | |
| 12. | Affidavit for Latest Non Conviction, non blacklisting on non judicial Stamp paper of Rs 100 furnished by the Principal Manufacturer / Sole Importer/Indian Subsidiary as per proforma. | Annexure IV B | |
| 13. | Affidavit for Latest Non Conviction, non blacklisting on non judicial Stamp paper of Rs 100 furnished by the Bidder as per proforma. | Annexure IV A | |
| 14. | Client Base in India on Letter Head of the Bidder / Manufacture/Indian Subsidiary of Principal Manufacturer with references of the supply orders, for the last three years (Copies of reference supply orders needs to be attached) | Annexure V | |
| 15. | Copy of GST Registration of the Manufacturer/Importer/Indian Subsidiary | | |
| 16. | Acknowledgement of EM-II SSI unit for each quoted Product and a certificate from NSIC/MSME for the production capacity & the quality control measures properly installed at the production unit, If applicable | | |
| 17. | Acknowledgement of EM-II for SSI Units of J&K from Industries Department (if applicable). Applicable for the firms Registered under SSI Units of J&K | | |
| 18. | Quality Certifications on the products viz. ISI/CE/USFDA etc. whichever applicable. | | |
| 19. | Name, photograph & specimen signature of the designated officer/ representative of the Bidder who is authorized to make correspondence with the JKMSCL, if any. | | |
| 20. | Specify point of supply with full Address. NB: Specifying of point of supply does not means authorization to raise, invoice and receive payments on behalf of bidder(s) | | |
| 21. | List of Items quoted by the Bidder mentioning name of manufacturer/ importer, make & model as per annexure. | Annexure IX | |
| 22. | Letter of acceptance for terms & conditions | | |
| 23. | Copy of Catalogue of the Quoted product (self attested) | | |

| | | | |
|------------|---|--|--|
| 24. | Compliance Sheet for each equipment (self attested) | | |
|------------|---|--|--|

I/we understand that our bid shall liable to be declared non responsive in case of any deficiency in fulfilment of above requirements on our part.

I/we accept all the terms, conditions and provisions of this bid document.

Name/Address.....

in the capacity of.....

(Designation)..... Signed.....

duly authorized to sign the bid for and on behalf of.....

(Name of Firm).....

Dated..... Tel:.....Fax:.....e-mail:.....

N.B : The original manufacturer/direct importer of the bidding items/their sole authorised representative shall execute tri-partite agreement with the Corporation i.e JKMSCL, inter-alia, stating that :

i. The invoice submitted by the authorised representative for such supplies shall be endorsed by the original manufacturer/direct importer of bidding items. Original copy of the delivery challan of the manufacturer towards authorised representative for such supplies shall be endorsed along with invoice submitted by Authorised representative.

ii. JKMSCL may secure confirmation/or authenticating of such supplies from manufacturer/direct importer before releasing the payment.

iii. **No original manufacturer/direct importer shall be allowed to authorize more than one representatives to bid, to negotiate/to raise invoice or to receive payments & to enter into tripartite agreement with regard to business against this specific tender.**

iv. In case, original manufacturer/direct importer wish to authorise any representative to bid, to negotiate, to raise invoice to receive payments on behalf of original manufacturer/direct importer/against invoice raised by representative, Annexure All duly filled shall need to be uploaded alongwith e.bid ; otherwise no representation in this matter shall be entertained in the later stage.

**ITEM WISE FINANCIAL BID (BOQ)
For Uploading Rates of Equipment**

| S. No. | Item Description | Item Code | Unit | Qty | Currency type | Basic Equipment cost for one unit | Packing & forwarding charges/freight insurance charges | Indian Agency Commission for 1 unit in foreign | Custom Duty | SGST | CGST | IGST | Custom clearance in foreign | Total Amount including Taxes |
|--------|----------------------|-----------|------|-----|---------------|-----------------------------------|--|--|-------------|------|------|------|-----------------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | 12 | 13 |
| | Main item | | | | | | | | | | | | | |
| | Accessories, if any. | | | | | | | | | | | | | |
| | Indian items | | | | | | | | | | | | | |

Note: -

- The rate quote should be as per BOQ.
- CGST , SGST OR IGST should be separately shown.
- Rate should be quoted only for packing units as mentioned in the bid
- No quantity or cash discounts should be offered.
- Read all the terms & conditions before filling the Annexure III.
- Please quote rates in absolute amount only.
- Please quote rates per unit only
- The bidder shall not under any circumstances quoted "Zero" anywhere in the BOQ including.
- Finalization of the rates shall be made on the basis of price quoted in BOQ
- Custom duty, if applicable shall be indicated separately.
- The final rates quoted at Column No. 19 shall be considered as final rates and shall be considered for evaluating financial bid. L1 rate shall be finalised on the basis rate and taxes as applicable at the time of execution.
- The price for evaluating L1 (as per BOQs) shall be decided on the basis of cumulative rates of Main item, Accessories (wherever asked) i.e cost of main item + cost of Accessories+ Indian items = Total cost of equipment.**

13. The price of the optional item shall not be considered for evaluating/declaring L1.

The bidder may quote in foreign currency as per the BOQ uploaded in the e.portal on the following terms & conditions

(For Imported equipment)

Letter of credit would be opened subject to following additional conditions :

- At site LC would be opened.
- In case of supply through sea, LLOYD A level vessel would be used for shipment of supplies which should not be more than 15 years old.
- Supplies shall be insured vide comprehensive Insurance Policy including machine insurance by the OEM till the final delivery site shall also include "Force Majeure".

4. Pre-dispatch inspection shall be carried out by OEM by certified inspection agency before shipment of supply.
5. **The CIF (cost insurance freight)/CIP (cost insurance price) upto New Delhi, should be in Foreign Currency, payable by the Principal company in that currency only as per the mode of L.C stipulations. The CIF prices shall be borne by the firm upto site.**
6. **The custom duty shall be paid as actual on the production of documentary proof. No Custom duty exemption certificate shall be issued by JKMSCL to facilitate custom clearance on the concessional rates.**
7. **CIF price of optional accessories, if any, Percentage of Indian direct Importer/authorized representative's percentage (Indian agency commission), if any, on FOB (Freight on board) Price which shall be payable to the Indian direct Importer (Indian Agency) in Indian currency at the exchange rate as mentioned below. However local accessories, if quoted in Indian currency, GST shall be paid as admissible under rules.**
8. **The prices quoted should be as per the international price of the manufacturer applicable to all the countries including India.**
9. **The L1 shall be calculated on the basis of conversion of currency as on date of opening of financial bid.**

PLEASE DON'T WRITE 00 AGAINST THE ITEMS FOR WHICH YOU DIDN'T WISH TO QUOTE ; INSTEAD, LEAVE THE COLUMN BLANK" AGAINST THE SAID ITEM; AS THE SYSTEM TAKES RS. 00.00 AS L1.

Declaration and Undertaking by the Bidder

(On Non Judicial Stamp Paper worth Rs. 100/- Attested by Notary Public and submitted with Cover-'A')

1. I/We..... (Name of firm) certify that the quoted model (of quoted item) is of latest technology and is not outdated.
2. I/We certify that the rates (of quoted item) are reasonable and not sold on lower rates to anyone than charged from JKMSCL.
3. I/We do hereby accept condition of guarantee period with spare parts of each quoted equipment as per terms & conditions and/or technical specifications. (From the date of installation/ demonstration).
4. (a) I/We do hereby undertake that our company/firm has not been black listed/banned/debarred/Convicted by Union Govt. or any State Govt. or their subordinate departments from participation in bidding.
- (b) I/We do hereby declare that our company/firm has been black listed/banned/debarred/convicted by..... (Name, Address of Govt./dept./State) and detailed information is as given below:
 - (i) Cause of blacklisting/banning/debarring/conviction.
 - (ii) For which item.....
 - (iii) Period of black listing/banning/debarring/ conviction.
 - (iv) Latest Status of black listing/banning/debarring/ conviction.
4. I/We hereby confirm that we have deposited all the GST/all applicable taxes as on date of submission of tender with the concerned authority/department. No GST/other taxes is due on the firm as on date of submission of tender.
5. I/we do hereby agree to the condition that JKMSCL may, if deemed fit go for the third party maintenance under Comprehensive equipment maintenance programme of Govt. of India.

VERIFICATION & DECLARATION

I/we.....S/o.....age d.....years residing at authorized bidder/proprietor/ partner/director of firm M/s..... verify and confirm that the contents of bidding documents , its bidding forms, Annexures and other information submitted for bid no.

..... are true and correct to the best of my knowledge and nothing has been concealed therein.

In case, any variation/discrepancy/wrong declaration is found during scrutiny at later stages, I/We shall be held personally responsible & JKMSCL may take any action including blacklisting/debarring of my/our firm for a period not less than 05 years

Place :-
Dated:-

Signature of the Deponent
Name :
Designation

**Declaration of Manufacturer/Direct Importer/Indian Subsidiary
To be submitted on non judicial stamp paper of Rs. 100 duly notarised**

Date:_____ NIB No.:_____

I/We a legally constituted firm/body..... (Name of Firm/Company with address) and represented by Mr..... (Name of Bidder/Sole proprietor/ CMD/ Chairman) declare that I am/we are (manufacturers/direct importer) in the goods and related services for which I/we have bid.

I/we further declare that:-

1. The items **(as per Annexure IX)** (Name of item) is/ are (manufactured/imported) at our premises at (Address of factory & office).
2. I/We..... (Name of firm) certify that the quoted model (of quoted item) is of latest technology and is not outdated.
3. I/We do hereby accept condition of guarantee period with spare parts of each quoted item as per terms & conditions or technical specifications. (From the date of installation/ demonstration).
 - a. Our company/firm has not been black listed/ banned/ debarred/convicted by Union Govt. or any State Govt. or their subordinate departments from participation in bidding.
 - b. Our company/firm has been black listed/banned/debarred/ convicted by (Name, Address of Govt./dept./State) and detailed information is as given below:
 - (i) Cause of black listing/banning/debarring/ conviction.
 - (ii) For which item.....
 - (iii) Period of black listing/banning/debarring/ conviction.
 - (iv) Latest Status of black listing/banning/debarring/ conviction.
4. I/We hereby confirm that we have deposited all the GST/all applicable taxes upto the date of submission of tenders with the concerned authority/department. No GST/other taxes is due on the firm as on date.
5. We undertake that in case of change of dealership, we shall be responsible for providing preventive services and maintenance of the equipment free of cost during the warranty period.
6. We fully qualify the laid down terms & conditions of the NIB including Turnover class.

VERIFICATION & DECLARATION

I/we.....S/o.....aged..... years residing at authorized bidder/proprietor/ partner/director of firm M/s..... verify and confirm that the contents of bidding documents , its bidding forms Annexure I to Annexure VIII and other information submitted for bid no. are true and correct to the best of my knowledge and nothing has been concealed therein.

In case, any variation/discrepancy/wrong declaration is found during scrutiny at later stages, I/We shall be held personally responsible & JKMSCL may take any action including blacklisting/debarring of my/our firm for a period not less than 05 years

Place :-
Dated:-

Signature of the Deponent
Name :
Designation

Client Base In India (Item wise)

On letter Head of Bidder / Manufacture/Indian Subsidiary of Principal Manufacturer

I/We..... (Name of firm.....) do hereby certify that our client base in India for the offered equipments are as under (please give references of the supply orders, for the last three years).:-

| Item Code | Name of the Item | Client list | Reference to supply order |
|-----------|------------------|-------------|---------------------------|
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1. It shall be submitted with technical bid and the above information should be verifiable from relevant documents of the bidder.
2. Firm should have market standing of the quoted product in last three financial years.
3. The different variants of same equipment may be considered.
4. In case of supply of imported item(s), the suppliers may be asked to furnish a certificate and other information to the effect that the firm has completed all the formalities including bill of entries in custom in connection with import of the item in question.

Place

:

Date

d :

Signature of bidder with Seal.

AUTHORISATION from principal manufacturer/importer/Indian Subsidiary

(On the letterhead of Principal manufacturer / Sole Importer/Indian Subsidiary)

In case authorization to the bidder is furnished by the Sole Importer/Indian Subsidiary, document confirming authorization from foreign Principal Manufacturer in favour of Indian Subsidiary / Sole Importer is to be submitted.

The Managing Director
Jammu and Kashmir Medical Supplies Corporation Limited
J&K

Subject: Regarding authorisation for our products.

Ref.: Your NIB no.dated.....

Name of items.....

Dear Sirs,

I/we.....(Name) for M/S.....(Name of firm) who are proven and reputable manufacturers(Name of item) having factory at (Address of Factory and Office) hereby authorize M/S..... (Name of Bidder firm) to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred bid documents/NIB for the above goods manufactured / imported 2by us.

I/we further confirm that no supplier or firm or individual other than M/S..... (Name of bidder firm), is authorised to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the above referred bid documents for the above goods manufactured by us.

I/we also hereby extend our full guarantee, as applicable as per bid conditions of contract, read with modifications/addendum, if any, in the general/special conditions of contract for the goods and services offered for supply by the above firm against this bid document.

I/we also hereby confirm that we shall also be responsible for the satisfactory execution of contract placed on the authorized Firm. In case of default of authorised representative (or) otherwise, we shall also be responsible for the satisfactory execution of contract placed on the authorized Firm & penalty, if any, for non-execution of contract by the authorised representative shall be borne by us.

This authorization shall be valid till the completion of rate contract period and related services i.e. guarantee and comprehensive maintenance obligations, etc., whichever is later.

Yours faithfully,

(Name & Signature)..... verification and signature by bidder
For M/s Seal and address of bidder
AUTHORISED SIGNATORY

Accepted by the authorized Bidder Mr.....

(Signature, Name & Address).....

(On Firm's letter head)
Memorandum of Appeal

Appeal no..... of..... Before the.....
(appellate authority)

1. Particulars of appellant:
(i) Name of the appellant:
(ii) Official address, if any:
(iii) Residential address:
2. Name and address of the respondent(s):
(i)
(ii)
(iii)
3. Number and date of the order appealed against and name and designation of the officer/ authority that passed the order (enclose copy), or a statement of a decision, action or omission of the procuring entity in contravention to the provisions of the Act by which the appellant is aggrieved:
4. If the appellant proposes to be represented by a representative, the name and postal address of the representative:
5. Number of affidavits and documents enclosed with the appeal:
6. Ground of appeal:
.....
.....
..... (supported by an affidavit)
7. Prayer:.....
.....
.....

Demand Draft of Rs..... bearing No.dated
..... as appeal fees

Place
Dated

Appellant's signature

((On letter head of Chartered Accountant))

ANNUAL TURN OVER STATEMENT

The average annual turnover of M/S..... (Name of Firm)..... and address

..... for the past three years are given below and certified that the statement is true and correct:-

It is further certified that the Annual Turnover Statement has been prepared strictly as per returns filed with Taxation Department for the year 1st year, 2nd year & 3rd year and shall be responsible, if any variation/discrepancy is found during evaluation /later stage.

| Sl. No. | Financial Years | Turnover in Lakhs (Rs.) |
|---------|----------------------|-------------------------|
| 1. | 1 st year | - |
| 2. | 2 nd year | - |
| 3. | 3 rd year | - |
| Total | | - Lakhs |

Average gross annual turnover _____ Lakhs

Note :

1. To be prepared strictly as per returns filed with Taxation Department & the statement should be supported with returns filed for the last three financial years.
2. The turnover should be supported by the balance sheets of the respective years.
3. The Certificate issued by Taxation Department shall also be considered for turn over certification.
4. **The Average Annual Turn Over required for the item(s) pertaining to the Group "Procurement of Machinery & Equipment" is as per Table 1. Only the bid(s) falling under the category as specified under Annual Turnover is accepted. The bid(s) not falling under the Annual Turnover clause shall be outrightly rejected.**

Date

Signature of the bidder

Signature of Auditor/Seal
Chartered Accountant
(Name & Address.)

Tel. No.

UDIN NO.

(Annexure IX)

On Firm's letter head

LIST OF ITEMS QUOTED IN THE BID

| S. No. | Ten der Sr. No. | Code | Name of Item | Manufactured By | Imported by | Model quoted/ offered configuration | <u>Quality Certification</u> | | | |
|-----------|--------------------------|------|--------------|-----------------|-------------|---|------------------------------|-----|---------|-------|
| | | | | | | | BIS License | ISO | CE/ | USFDA |
| | | | | | | | | | | |
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Section V: Schedule of Supply

Table of Contents

| S. No. | Description | Pages |
|--------|------------------------------------|-------|
| 1. | List of goods and related services | |
| 2. | Delivery and completion schedule | |
| 3. | Technical specifications | |
| 4. | Drawings | |
| 5. | Inspections and tests | |

Section V: Schedule of Supply

| Clause No. | Description |
|------------|---|
| 1 | List of goods and related services |
| 1.1 | Name of item..... |
| 1.2 | Related services are delivery, local transportation, installation, commissioning, demonstration and training etc. |
| 1.3 | Guarantee period starts from the date of successful installation for a period of five years. |
| 1.4 | Comprehensive maintenance contract shall be executed for a period of five years from the date of completion of guarantee period. However, JKMSCL may, if deemed fit, enter into third party agreement under comprehensive equipment maintenance programme, Govt. of India. |
| 2 | Delivery and completion schedule |
| 2.1 | SUPPLY ORDERS AND SUPPLY SCHEDULE: |
| 2.1.1 | Supply order shall be placed through registered post/e-mail/any communication medium by the JKMSCL. The date of receipt of e mail/fax/other communication shall be treated as the date of order for calculating the period of execution of order. The successful bidder shall execute the orders within a delivery period of 60 days or as specified in the supply order from the date of issuing supply order and handing over of space with the availability of power & other requisite installations by the end users. |
| 2.1.2 | In case of imported items, 30 days will be given in addition to above mentioned period, as mentioned in condition No. 2.1.1 above. |
| 2.1.3 | The successful bidder shall acknowledge the receipt of orders, if any, within 7 days from the date of dispatch of order, failing which the procuring entity may be at liberty to initiate action to purchase the items on risk & cost purchase provision. However finalization of annual Rate contract does not mean mandatory issuance of supply order. Supply order shall be as per the requirements of items at various end-users. |
| 2.1.4 | The Site of delivery shall be Drug ware House of JKMSCL or as per the requirement of the Department . The bidders can visit the site after seeking permission from the competent authority before quoting their rates. |
| 2.1.5 | To ensure sustained supply without any interruption, the JKMSCL reserves the right to have more than one approved supplier from amongst the qualified bidders on L1 matched rates only. In such a case, the requirement may be met by dividing be quantity among the R/C holders considering the quantity required and dedicated capacity of the successful bidders. |
| 2.1.6 | The ready stock position of the item, if provided by the firm, may be considered by the corporation for the placement of supply orders. |
| 2.1.7 | It may be noted that the JKMSCL does not undertake to assist in the procurement of raw material, whether imported or controlled or restricted, and as such the bidders must offer their rates to supply the |

| | |
|--------|--|
| | specific items from own quota of raw material stock by visualizing the prospect of availability and requirement. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained. |
| 2.1.8 | The figures indicated, if any, do not constitute any commitment on the part of JKMSCL to purchase any of the articles and the quantities shown therein against each or in any quantity whatsoever and no objection against the quantity of the indent of approved item being more or less than the indicative quantity will be entertained and shall not be acceptable as a ground for non supply of the quantity indented. |
| 2.2 | PROCURING ENTITY'S RIGHT TO VARY QUANTITY: |
| 2.2.1 | If the JKMSCL procures less than the quantity indicated in the bidding documents (if asked) the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract. |
| 2.2.2 | If the bidder fails to supply, the JKMSCL shall be free to arrange / procure the item(s) from other sources and the extra cost incurred shall be recovered from the supplier. |
| 2.3 | SUBMISSION OF CONTRACT COMPLETION REPORT |
| 2.3.1. | A consolidated statement shall be submitted to General Manager, EPM by the 10 th of each month. Every time the statement should contain details of all orders placed under the contract. |
| 2.3.2 | Firms shall have to submit consolidated statement in duplicate at the end of rate contract as well as after expiry of equipment / instrument guarantee period (as provided in guarantee clause of the contract) to enable the corporation to examine the case for refund of performance security. |
| 2.3.3 | The consignee shall intimate the contract /supplier about the defect (s) at once in such a manner, so as to reach the office of the firm immediately and before completion of guarantee period. It shall be the responsibility of the consignee to get the complaint of guarantee period. It shall be the responsibility of the consignee to get the complaint of defective equipment of defective performance registered immediately with the office of JKMSCL. |
| 2.5 | PACKING & INSURANCE: |
| 2.5.1 | The good shall be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather of otherwise in any situation. The insurance charges will have to be borne by the supplier and the corporation shall not be required to pay any such charges, if incurred. |
| 2.5.2 | The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by sea, rail, road or air and delivery of material in good condition to the procurement officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the checking/inspection of |

| | |
|------------|---|
| | material by the consignee. No extra cost on such account shall be admissible. The firm may keep its representative to verify any damage or loss discovered at the consignee's store, if it so likes. |
| 2.5.3 | The material received with damaged packing (or) without packing as per terms & conditions of NIT (or) in damaged state, shall be liable to the minimum penalty of 2.5% of the value of the damaged item (or) quantity received with damaged packing. Further packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the corporation and the same shall not be returned to him. |
| 2.5.4. | <p>Packing specifications</p> <p>Schedule for packing – General specifications</p> <ol style="list-style-type: none"> 1. All items should be packed only in first hand boxes only. 2. Label: Every box should carry a large outer label clearly indicated that the product is for <u>“JKMSCL Supply” for the year, “Not for Sale”</u> and it should carry the correct technical name, strength or the product, date of manufacturing, date of expiry, quantity packed and net weight of the box in bold letters. <p>Note: The weight/size of the box for packing the item may vary for the safe delivery/installation of equipment. Any deviation in the packing, if necessary shall be made after getting permission from JKMSCL.</p> |
| 2.6 | REJECTION OF GOODS: |
| 2.6.1 | Articles not as per specification/ or not approved shall be rejected by the corporation / consignee and will have to be replaced by the supplier firm at its own cost within 15 days or with time limit fixed by the corporation. |
| 2.6.2 | All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard/specifications/ samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents/specifications. The decision of JKMSCL as to the quality of stores is final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account. |
| 2.6.3 | The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned shall take reasonable care of such material upto 15 days from the date of intimation only but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises. In case firm fails to remove the items within fifteen days, JKMSCL shall have full right to get the said item(s) removed & destroyed at the cost & risk of supplier/bidder, without any further correspondence. The destroying charges as per the actual plus 1% penalty shall be deducted from any amount payable to the firm. |

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| 2.6.4 | No payment shall be made for defective/incorrect items. |
| 2.6.5 | In case firm wants to take back item to their service station for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification. In no case the defective equipment is allowed to be installed after rectification. |
| 2.6.7 | The bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the bidder shall be responsible. No extra cost on such account shall be admissible. |
| 2.7 | Payment Terms (For items quoted in foreign currency) |
| 2.7.1 | <p>For Payment through Letter of Credit</p> <p>80% payment shall be released against presentation of shipping documents against submission of bank guarantee and 20% after satisfactory installation certificate issued by the user department.</p> <p>Letter of credit would be opened subject to following additional conditions:-</p> <ol style="list-style-type: none"> 1. At site LC would be opened. 2. In case of supply through sea, LLOYD A level vessel would be used for shipment of supplies which should not be more than 15 years old. 3. Supplies shall be insured by the OEM till the final delivery site shall also include "Force Majeure" 4. Pre-dispatch inspection shall be carried out by OEM by certified inspection agency before shipment of supply. 5. The product shall be comprehensively insured upto site of installation for all type of insurance. <p>For Indian items :</p> <p>Payment shall be made after successful installation and commissioning of the equipment duly certified by Head of the concerned department.</p> |
| 2.7.2 | Payment shall be made by RTGS. Expenses on this account, if any, shall be borne by the firm. |
| 2.7.3 | Payment to the authorised representative shall be made as per the tripartite agreement with the Corporation i.e JKMSCL on the basis of Annexure All to be uploaded alongwith e.bid. |
| 2.7.4 | No advance payments towards cost of items shall be made to the bidder. |
| 2.7.5 | If at any time during the period of contract, the price of bid items is reduced or brought down by any law or Act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform Managing Director JKMSCL immediately about it. Purchasing authority shall be empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates. In case this reduction of rates comes to the knowledge of JKMSCL in later stage, additional payment made w.e.f of the details of rates shall be charged from the firm with 1.5% monthly interest from the date/till rates have been reduced besides action as |

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| | desired fit by JKMSCL which may be debarring/any other penalty as per penalty clause. |
| 2.7.6 | In case of any enhancement in taxes/duty due to notification of the Government after the date of submission of bids and during the bid period, the quantum of additional taxes/duty so levied shall be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the bid. For claiming the additional cost on account of the increase in tax/ duty, the bidder should produce a letter from the concerned authorities for having paid additional tax/duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly if there is any reduction in the rate of taxes/duty of items, as notified by the Government, after the date of submission of bid, the quantum of the price to the extent of reduction of taxes/duty of items will be deducted without any change in the basic price structure of the items approved under the bidder. |
| 2.7.7 | In case of successful bidder has been enjoying exemption on any criteria, such bidder will not be allowed to claim taxes/duty at later point of time during the tenure of contract, if the taxes/ duty become chargeable on goods manufactured due to any reason. |
| 2.7.8 | If there is any hindrance by the consignee to provide the required site for installation the part payment of equipment shall be made / decided by JKMSCL. In that case, the firm has to inform JKMSCL immediately. |
| 2.8 | LIQUIDATED DAMAGES: |
| 2.8.1 | The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful bidder shall arrange supplies within the period on receipt of order from the purchasing officers. |
| 2.8.2 | In case of extension in the delivery period with liquidated damages, recovery of liquidated damages shall be made at the rate of 0.25% per day for every day of delay subject to maximum of 10%. Rest of the terms and conditions of SPP with regard to penalty clause shall remained unchanged Penalty shall not be imposed if claim with regard to any supply i.e. Drugs/Equipment is complete in all respects i.e. QC verification/Board verified etc. is not cleared by the JKMSCL within a period of 60 days |
| 2.8.3 | If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrances, he shall apply in writing to Managing Director JKMSCL, J&K, for the same immediately on occurrence of the hindrances but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only be released by corporation after sanction of extension in delivery period. |
| 2.8.4 | Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of force majeure i.e., which is beyond the control of the bidder, the extension in delivery period may be granted without liquidated damage. |
| 2.8.5 | If the bidder is unable to complete the supply within the specified or |

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| | <p>extended period, the corporation shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approval of Managing Director JKMSCL, J&K. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder.</p> <p>The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the corporation/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made from the bidder. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.</p> |
| 2.8.6 | LD for damaged packing or loose packing equivalent to 2.5% of the value of the products received with damaged packing or in loose packing or with packing not conforming to the terms and conditions, specified in the tender document. |
| 2.9 | RECOVERIES:- |
| 2.9.1 | Recoveries of liquidated damages, short supplies, breakage, rejected articles shall ordinarily be made from bills. Such amount may also be recovered from any other untied dues & security deposits available with the JKMSCL. In case recovery is not possible, action will be taken as per prevailing Acts/rules in J&K State. |
| 2.9.2 | Any recovery on account of liquidated damage charges/risk & cost charges in respect of previous rate contracts/supply orders placed on them by the JKMSCL can also be recovered from any sum accrued against this bid after accounting for untied sum or due payment lying with JKMSCL against previous rate contracts/supply orders. Firm shall submit details of pending amount lying with JKMSCL but decision of Managing Director JKMSCL, J&K regarding authenticity of sum payable shall be final. |
| 2.9.3 | Testing & Handling Charges : the testing and handling charges to the tune of 1.5% of total cost shall be deducted from the invoices raised by the approved bidder against the supply orders placed from time to time. |

3. Technical Specifications:

Annexure: AVI (technical specifications attached for Table I)

General features:

- i. Bidders are requested to send printed descriptive literature/catalogue of the quoted items duly sealed by MD/Chairman/authorised signatory of the firm/bidder in the office of Jammu and Kashmir Medical Supplies Corporation Ltd. one day prior to last day of uploading of the bid. The catalogues alongwith compliance sheets should also be uploaded with the technical bid.
- ii. If bidder supplied to or have rate contract of quoted items with any other Govt. institutions within one year, he may be asked to provide copies of purchase orders, invoices and rate contract.

4) .Drawings if any to be attached with the technical bid.

5. Inspection and Tests

| Clause No. | Description |
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| 5.1 | INSPECTION OF EQUIPMENTS AND INSTRUMENTS:- |
| 5.2 | The equipments supplies shall be according to technical specifications and shall be inspected by the committee constituted by JKMSCL as mentioned in the supply order or amended thereafter by competent authority. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by B.I.S. at the time of inspection. The inspection and testing of the material may be got done by any inspecting Agency/team of experts at site of installation/commissioning. The supplier shall provide all facilities for inspection/testing free of cost. |
| 5.3 | Notwithstanding the fact that the authorized inspecting team had inspected and/or has approved the stores/articles, any officer(s)/team of officer nominated by the corporation may inspect the item/material as soon as it is received in the stores to ensure that the supply is in accordance with the specifications laid down in rate contract/supply order. |
| 5.4 | In case of doubts in inspection/ test, same may be got inspected or tested in any laboratory. If the material is not found as per specifications or defective, consignee shall not accept the material and shall inform the corporation within 3 days. Consignee may also simultaneously ask the firm for removal of defect/replacement. The firm shall be bound to replace the defective equipment/item within 15 days of receipt of intimation from the consignee/corporation. However, the date of delivery, in case of defective item shall be taken as the date on which the JKMSCL accepts the item after replacement of defective material/removal of defects as the case may be. Wherever defective item is replaced, the inspection/testing charges, if any, shall be borne by the supplier. |
| 5.5 | The corporation/technical expert or team shall match the specification with available reserved sample with the corporation which is submitted by the firm/supplier at the time of technical approval before release to end user. . |
| 5.6 | In case of imported item, the supplier shall ensure that the item shall be inspected by the third party inspection agency before dispatched to the consignee. In case any un- inspected item has been found in the item received by consignee, the firm shall be solely responsible for it and the JKMSCL shall be free to take suitable necessary action as per terms and conditions of bid documents/agreement against the firm. |

Section VI A: - General Conditions of Contract (GCC)

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SECTION VI A: - GENERAL CONDITIONS OF CONTRACT (GCC)

Bidder should read these terms & conditions carefully and comply strictly while submitting their bids. If a bidder has any doubt regarding the terms & conditions and specifications mentioned in the bid notice/ catalogue, he should refer these to the Jammu and Kashmir Medical Supplies Corporation, J&K, before submitting bids and obtains clarifications. The decision of the Managing Director Jammu and Kashmir Medical Supplies Corporation, J&K, shall be final and binding on the bidder. The clauses of terms & conditions are as follows:-


| Clause No. | Description |
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| 1. | Definitions |
| | <p>The following words and expressions shall have the meanings hereby assigned to them:</p> <p>'Act/Rules' means Acts & rules prevailing in J&K Union Territory in terms of procurement.</p> <p>'Completion' Means the fulfilment of the supplies and Related Services by the supplier in accordance with the terms and conditions set forth in the contract.</p> <p>"Contract" Means the Agreement entered into between the procuring entity and supplier, together with the contract documents referred to therein, including all attachments, appendices, specifications and codes and all documents incorporated by reference therein.</p> <p>"Contract Documents" Means the documents listed in the agreement, including any amendments thereto.</p> <p>"Contract Price/Rate" Means the price payable to the supplier as specified in the agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the contract.</p> <p>"Day" Means calendar day.</p> <p>"Delivery" Means the transfer of the goods from the supplier to the procuring entity in accordance with the terms and conditions set forth in the contract.</p> <p>"GCC" Means the general conditions of rate contract.</p> <p>"SCC" Means the special conditions of rate contract".</p> <p>"Goods" Means all of the commodities, raw material, machinery and equipment, documents, warranties and /or other materials that the supplier is required to supply to the Procuring Entity under the Contract.</p> <p>"Procuring Entity" Means the entity purchasing the goods and related services, Managing Director Jammu and Kashmir Medical Supplies Corporation, J&K, or as specified in the special conditions of the contract (SCC).</p> <p>"Related Services" Means the services incidental to the supply of the goods, such insurance, installation, training and initial maintenance, commissioning of equipment or machinery and other similar obligations of the supplier under the contract. "Subcontractor" Means any natural person, private or government entity, or a combination of the above,</p> |

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| | <p>including its legal successors or permitted assigns, to whom any part of the goods to be supplied is subcontracted by the supplier.</p> <p>"Supplier" Means the natural person, private or government entity, or a combination of the above, whose bid to perform the contract has been accepted by the procuring entity and is named as such in the agreement, and includes the legal successors or permitted assigns of the supplier.</p> <p>Authorised representative : Means the natural person, proprietor or Govt entity, duly authorised by the Managing Director/Prop/Chairman/Board of Director of original manufacturer/direct importer under their seal signatures duly notarized ; to bid, negotiate, raise the invoice, receive the payment against the supplies made, enter into tripartite agreement within the Corporation i.e JKMSCL, inter-alia.</p> <p>Authorised signatory : Means the natural person authorised by the proprietor, Managing Director/Chairman/Board of Director of original manufacturer/direct importer under their seal signatures duly notarized to sign on behalf of the company.</p> <p>"The Site" where applicable, means the place of delivery, installation, testing/ commissioning of the goods /equipment or machinery or as mentioned in the supply order.</p> <p>"Consignee" Means the receiver of the stores as mentioned in supply order.</p> |
| 2. | General terms |
| 2.1 | Bids are invited from original manufacturers /direct importers/authorized representative of the original manufacturer/direct importer. |
| 2.2 | Bid shall have to uploaded as per schedule, to JK e-portal : www.jktenders.gov.in . At any time prior to the date of uploading of bid, bid inviting authority may, for any reason, whether on his own initiative or in response to a clarification requested by a prospective bidder, modify the condition in bid document by an amendment. In order to provide reasonable time to take the amendment into account in preparing their bid, bid inviting authority may at his discretion, extend the date and time for submission of bid. Interested eligible bidders may obtain further information in this regard from the office of the bid inviting authority. |
| 2.3 | Supplies shall be made directly by the bidder to be called as "Supplier" after finalization of rate contract, and suppliers. Manufacturer bidder should have permission to manufacture the item quoted as per specification given in the bid from the competent authority. |
| 2.4.1 | Direct importer should authenticate import/sale license for the product quoted in the bid issued by the competent authority. |
| 2.4.2 | In case, the item/product is supplied through authorised representative, product manufacturing permission, import/sale license of the principal manufacturer (s) direct importer (s) shall have to be uploaded along with technical bid. |
| 2.5 | Bid shall be have to be loaded on e-portal i.e www.jktenders.gov.in submitted to Managing Director, Jammu and Kashmir Medical Supplies Corporation, J&K |

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| 2.6 | <p>The bidder shall also submit the following documents and certificates along with the bid as per technical bid submission letter :-</p> <p>(i) A combined undertaking/declaration regarding that the quoted item :</p> <ol style="list-style-type: none"> Model is of latest technology, the item has not become outdated, that the rate quoted is not more than the rate charged from anyone else, That the bidder is not black listed or banned or debarred by central or any state government or its append gages, Availability of spare parts and consumables for the quoted equipment for at least 10 years/life of the item, from the date of installation. <p>Note : Bid should not be submitted for the quoted item(s) for which the bidder has been blacklisted/banned/debarred either by bid inviting authority or Govt. of J&K or by any other State/Central Govt. and its agencies. This also applies to the bidder for its sister/ allied firm(s)/ unit(s).</p> <p>(ii) The bidder, in case of representative of the manufacturer/direct importer shall submit fresh authorization of the manufacturer/direct importer duly authenticated and notarized.</p> <p>PLEASE ALSO NOTE THAT: -</p> <p>(A) All attested documents must be submitted in English language. If the documents are not in English, translated version of the same, in English, duly signed and attested by authorized translator must be submitted along with copy of original document.</p> <p>(B) All the above mentioned documents should be under the name and address of the premises where the quoted items are actually manufactured/ stored for supply.</p> |
| 2.7 | <p>Financial Bid duly filled in (Annexure III/BOQ) giving the rates for quoted items should be uploaded through e portal www.jktenders.gov.in. The rate should not be disclosed/uploaded in the technical bid. Rates uploaded along with technical bid shall means out rightly rejection of bid of the concerned person.</p> |
| 2.8 | <p>The required amounts towards cost of bid document and tender processing charges shall be deposited as mentioned at page 5, 01 day before the last date and time of bid submission.</p> <p>All bids received will be opened in the presence of bidders, who choose to be present. Financial bid will be opened only for those bidders, who satisfy the criteria laid down by the JKMSCL on the details furnished by the bidder in technical bid in compliance of terms & conditions of the bid.</p> |
| 2.9 | <p>(i) In case of the bid being submitted by a proprietary firm, the bid must be signed by the sole proprietor. In case of a partnership firm, bid must be signed on behalf of the firm by a person authorized, holding a</p> |

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| | <p>power of attorney in his favour to do so; and in the case of a company, the bid must be signed by an authorized signatory, in the manner laid down in the articles of association of the bidder company.</p> <p>(ii) Any change in the constitution of the firm/ company shall be notified forthwith by the bidder/contractor in writing to the Jammu and Kashmir Medical Supplies Corporation, J&K and such change shall not relieve any former member of the firm/ company from the liability under the conditions of the bid/contract. No new partner / partners shall be accepted in the firm by the bidder/contractor in respect of the bid/contract unless he/ they agree to abide by all its terms and conditions and submit a written agreement to this effect. The bidder's/contractor's receipt for acknowledgement or date of any new partner subsequently inducted, as above, shall bind all of them and will be a sufficient discharge for any of the purposes of the contract.</p> |
| 3 | BID SECURITY: |
| | <p>(i) Bid shall have to be accompanied with a scanned copy of FDR/CDR/BG as bid security. However, the FDR/CDR/BG as bid security shall have to be submitted before the opening of technical bid with a validity of 30 months. Bids submitted without sufficient bid security & validity shall be summarily rejected.</p> <p>(ii) The bid security of bidder shall be refunded after the earliest of the following events, namely:-</p> <ol style="list-style-type: none"> the expiry of validity of bid security; the cancellation of the procurement process; or the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted. <p>(iii) The bid security lying with the JKMSCL in respect of other bids awaiting approval or rejection or on account of contracts being completed, shall not be adjusted towards bid security for the fresh bids. The bid security may, however, be taken into consideration in case bids are re-invited for the same item.</p> <p>(vi) In case any document submitted by the bidder or by his authorized representative is found to be forged, false or fabricated, the bid shall be rejected and bid security may be forfeited. Bidder/his representative may also be banned / debarred. Report with police station may also be filed against such bidder/his representative.</p> |
| 4 | FORFEITURE OF BID SECURITY: - |
| | <p>The bid security shall be forfeited if:</p> <ol style="list-style-type: none"> The bidder withdraws or modifies the offer after opening of financial bid, but before acceptance of bid, The bidder does not execute the agreement, if any, prescribed within the specified time or extended time by competent authority (on the request of the bidder), The bidder does not deposit the 'performance security' after the supply order is placed/requested for signing the agreement, The bidder fails to commence the supply of the items as per supply |

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| | <p>order within the time prescribed,</p> <p>(v) The bidder fails to submit samples/demonstration of quoted item on demand</p> <p>(vi) The bidder violates any of the terms & conditions of the bid document.</p> |
| 5 | WARRANTY CLAUSE:- |
| | <p>(i) The bidder would guarantee that the subject matter of procurement would continue to conform to the description and quality as per technical specifications and performs as per descriptions, from the date of delivery/ installation of the said subject matter of procurement. Notwithstanding the fact that the purchaser may have inspected and/or approved the said subject matter of procurement during the guarantee period, if the said subject matter of procurement is discovered not to conform to the description and quality as aforesaid or not performing, as described, the procuring entity will be entitled to reject the said subject matter of procurement or such portion thereof as may be discovered not to conform to the said description and quality or not performing as described. On such rejection, the subject matter of procurement will be at the seller's risk and all the provisions relating to rejection of goods, etc., shall apply. The successful bidder shall, if called upon to do so, replace the goods etc. or such portion thereof, as rejected by the procuring entity. Otherwise, the bidder shall pay such damages, as may arise by reason of such breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the procuring entity in that behalf under this contract or otherwise.</p> <p>(ii) The bidder shall, during the Guarantee period appearing in the contract, replace the whole subject matter of procurement or part(s), if any, and remove the manufacturing defects, if found during the above period so as to make the machinery and equipment/ordered items operative.</p> <p>(iii) In case of the machinery or equipment/ordered items, the successful bidder shall be responsible for carrying out annual maintenance and repairs on the terms & conditions, as agreed. The bidder shall have to ensure that consumables required for the maintenance of machine/equipment are being supplied free of cost during warranty period. The adequate regular supply of spare parts and consumables per incident for the machinery or equipment, whether under their annual maintenance and repairs contract or otherwise shall be ensured. In case of change of model the bidder shall notify the procuring entity sufficiently in advance, to facilitate procurement of sufficient quantity of consumables/ spare parts from the bidder to maintain the machinery or equipment. In case, any item supplied by the successful bidder does not conform to the required specifications, the payment thereof, if received by the supplier, shall have to be refunded to the Jammu and Kashmir Medical Supplies Corporation, J&K along with interest to the tune of</p> |

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| | 1.5% per month from the date of release of payment. The supplier will not have any rightful claim to the payment of cost for substandard supplies, which may have been consumed, either in part or whole, pending receipt of laboratory test / inspection report, wherever required. Supply of goods less in weight and volume than those mentioned on the label of the container, the same will be dealt with in the manner prescribed under rules. |
| 6 | MARKING |
| | <p>All items and accessories supplied should bear marking "JKMSCL SUPPLY _____(engraved or non removable material) "NOT FOR SALE" or as mentioned in supply order in English, without which the supply will not be entertained. JKMSCL may ask change in art work to be printed on the item at any stage of the contract.</p> <div style="text-align: center;">  </div> <p style="text-align: center;">JKMSCL SUPPLY (_____) NOT FOR SALE</p> |
| 7 | COMPARISON OF RATES: |
| | <p>(i) Only net rates should be quoted. No separate free goods or cash discounts should be offered. Rates must be valid for the entire period of contract.</p> <p>(ii) Consignee may be located at a district headquarter (except equipment/ machinery requiring installation and commissioning, the place may be any other station) or as directed by Jammu and Kashmir Medical Supplies Corporation Limited, J&K and the rates must be quoted accordingly. No cartage or transportation charges shall be payable.</p> <p>(iv) The net rate must be inclusive of all charges by way of packing, forwarding, incidental or transit charges, including transit insurance, and any other levies or duties etc. on the subject matter of procurement.</p> <p>(v) In the event of any subsequent variation (increase or decrease) in the rate of GST or nay other taxes by the government (state /UT or central), the same will be admissible accordingly.</p> <p>(vi) If the rates of item quoted are found same from two for more bidders, then the bidders shall be asked to submit revised financial bid, containing reduced rates within given time by Managing Director, Jammu and Kashmir Medical Supplies Corporation Limited, J&K.</p> <p>(vii) The bidder will exercise all due diligence at their own level regarding applicability of other taxes, duties and fees etc. for the unit of supplies as specified in the bid document and accordingly include the same in their quotes. Any additional/extra</p> |

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| | <p>claims over and above the rates agreed pertaining to taxes, duties and fees etc. will not be entertained later on any account.</p> <p>(viii) No part of the bid document should be detached / deleted.</p> <p>(ix) For comparison of rates, the average comprehensive annual maintenance charges shall be added to the rate quoted for the equipments, if comprehensive annual maintenance is applicable.</p> |
| 8 | SUBMISSION OF SAMPLES/CATALOGUES AND DEMONSTRATION |
| | <p>(i) Catalogues/samples of the quoted item(s) must be sent free of cost to JKMSCL even though the specifications or description etc. are mentioned in the bid form are complied.</p> <p>(ii) Samples of items(s) should be collected back from the JKMSCL, J&K within 15 days from the date of finalization of list of successful bidder/demonstration of product before the expert panel. The corporation shall not be responsible for any damage, wear and tear or loss during the course of testing / examination, etc. The corporation may retain the sample of approved item for one month beyond expiry of contract. The corporation shall not be responsible for any damage, wear and tear or loss in this period. The corporation shall not make any arrangement for return of samples even if the bidder agrees to pay the cost of transportation.</p> <p>(iii) The bidder may be asked to demonstrate the technique, procedure and utility of item as per specifications given in the bid document before the technical committee constituted by the Corporation for the purpose. In case of heavy equipment, the demonstration may be carried out at the nearby place where the equipment has been installed by the bidder. In that case, the decision of the technical committee shall be final. The firm shall keep ready the quoted item and arrange all logistics within the time frame as and when asked by the JKMSCL. After the due date, no request of the bidder/firm shall be entertained for demonstration.</p> <p>(iv) Sample should be strictly according to the item quoted in the bid form failing which the bid will not be considered. Sample must be submitted duly sealed and marked suitably either by writing on the sample or on a slip or durable paper securely fastened to the sample with the particulars as mentioned below:</p> <ol style="list-style-type: none"> Name and full address of the firm Catalogue no. and name of the item Name of section Name of manufacturer Brand <p>(v) No change in marking on sample will be allowed after the submission of the sample.</p> |
| 10 | PERFORMANCE SECURITY (P.S.) AND AGREEMENT: |
| | <p>(i) The successful bidder shall submit the original copy of Bid document signed on each page at the time of agreement. However, while</p> |

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| | <p>uploading the technical bid, only the declaration regarding acceptance of terms & conditions shall be uploaded.</p> <p>(ii) The period of rate contract shall be 24 months from the date of issuance of rate contract. The Managing Director, JKMSCL can extend the original rate contract subject to original terms and conditions for a period deemed fit by them, but not exceeding three months, for which the bidder shall abide.</p> <p>(iii) Successful bidders, whose offers are accepted, shall have to deposit performance security @5% of the value of the supply order in favour of Chief Accounts Officer, JKMSCL within 15 days from the date of issuance of letter of intent. The performance security shall be deposited in the form of FDR/CDR/B.G (Bank Guarantee). However, the bank guarantee shall be for a validity period of six months, beyond the guarantee period sought for the item.</p> <p>(iv) In case of successful bidder(s), the amount of bid security shall be adjusted for performance security for the supply order placed to the firms/bidders. The amount of performance security, if exceeds the bid security, it shall be deposited by the firm against the supply orders issued from time to time.</p> <p>(v) The firm may submit bank guarantee issued by any scheduled/nationalised bank. The minimum validity of bank guarantee should be six months after completion of guarantee period for the item.</p> <p>(vi) The Performance Security: The Performance Security (P.S.) shall be 5% of the total value of stores ordered for supply. The payment shall not be released against supplies until the additional Performance Security due is deposited by the supplier or additional.</p> <p>(vii) The performance security shall be refunded after six months after satisfactory completion of contract and after satisfying that there are no dues outstanding against the bidder subject to guarantee provisions.</p> <p>(viii) It is to be noted that earlier year's bid security and performance security, even if lying in the JKMSCL shall not be considered towards this contract and therefore fresh bid security/performance security shall be deposited. The JKMSCL shall pay no interest on bid security or performance security amount.</p> <p>(ix) Successful bidders shall have to execute an agreement on a Non-Judicial stamp paper of an amount mentioned in the offer letter, in the prescribed form with the JKMSCL and deposit performance security within 15 days from the date of acceptance of the bid is communicated to him. However, Managing Director JKMSCL, J&K may condone the delay in execution of contract by the bidder. The expenses in this regard shall be borne by the successful bidder. The validity of contract under this agreement shall be for a period as mentioned.</p> |
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| | <p>(x) The bidder shall furnish the following documents at the time of execution of agreement:-</p> <p>(i) Attested copy of partnership deed in case of partnership firms.</p> <p>(ii) Registration number and year of registration, in case partnership firm is registered with registrar of firms;</p> <p>(xi) Address of residence and office, telephone numbers, in case of sole proprietorship with :</p> <p>(i) Registration issued by registrar of companies under Registrar of companies Act 1956, in case of company.</p> <p>(ii) Comprehensive maintenance agreement, if applicable.</p> <p>(xiv) In case of breach of any terms and conditions of the contract or on unsatisfactory performance, the amount of performance security shall be liable to forfeiture by JKMSCL, J&K and decision of Managing Director JKMSCL J&K shall be final.</p> <p>(xv) The rate contract can be repudiate/rejected at any time by the Managing Director JKMSCL, J&K if the supplies are not made to his satisfaction after giving an opportunity to the bidder of being heard and after reasons for repudiation being recorded by him in writing. However, Managing Director JKMSCL, J&K may terminate the agreement of contract at any time without notice/intimation to the successful bidder.</p> |
| 11 | SUPPLY ORDERS: |
| | <p>(i) Supply order shall be placed through registered post/e-mail/any communication medium by the JKMSCL. The date of receipt of letter of communication date will be treated as the date of order for calculating the period of execution of order. The successful bidder will execute the orders within a period of 60 days or as specified in the supply order.</p> <p>(ii) The successful bidder acknowledge receipt of orders within 7 days from the date of dispatch of order, failing which the procuring entity may be at liberty to initiate action to purchase the items on risk & cost purchase provision.</p> <p>(iii) In case of imported items, 30 days shall be given in addition to above mentioned period,</p> <p>(iv) Except, for equipments / machinery, which requires installation / commissioning, all other supplies shall have to be to FOR district drug warehouse only. In case of non-viable size of order for supplies, the corporation shall take appropriate decision on representation from the supplier on case to case basis. The consignee for supplies shall be JKMSCL.</p> <p>(v) To ensure sustained supply without any interruption, the Managing Director, JKMSCL reserves the right to have more than one approved supplier from amongst the qualified bidders as matched L1 supplied at matched L1 rates. In such a case, the requirement may be met by dividing the quantity among the rate contract holders considering the quantity required and dedicated capacity of the successful bidders.</p> |

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| | <p>(vi) The ready stock position of the item, if provided by the firm, may be considered by the corporation for the placement of supply orders.</p> <p>(vi) It may be noted that the JKMSCL does not undertake to assist in the procurement of raw material, whether imported or controlled or restricted, and as such the bidders must offer their rates to supply the specific items from own quota of raw material stock by visualizing the prospect of availability and requirement. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained.</p> |
| 12 | SUBMISSION OF CONTRACT COMPLETION REPORT |
| 12.1 | A consolidated statement shall be submitted to General Manager, EPM by the 10 th of each month. Every time the statement should contain details of all orders placed under the contract. |
| 12.2 | Firms shall have to submit consolidated statement in duplicate at the end of rate contract well as after expiry of equipment / instrument guarantee period (as provided in guarantee clause of the contract) to enable JKMSCL to examine the case for refund of performance security. |
| 12.3 | The end user shall intimate the complaint/defect arise immediately to the manufacturer/importer/representative with copy to JKMSCL for further follow up.. |
| 13 | LIQUIDATED DAMAGES: |
| | <p>I. The time specified for delivery in the tender form shall be deemed to be the essence of the contract and the successful Bidder shall arrange supplies within the period on receipt of order from the Purchasing Officers.</p> <p>II. In case of extension in the delivery period with liquidated damages, recovery of liquidated damages shall be made at the rate of 0.25% per day for every day of delay subject to maximum of 20%.</p> <p>III. Penalty shall not be imposed if claim with regard to any supply i.e. Drugs/Equipment is complete in all respects i.e. QC verification/Board verified etc. is not cleared by the JKMSCL within a period of 60 days</p> <p>IV. Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day.</p> <p>V. The maximum amount of agreed liquidated damage shall be 20%.</p> <p>VI. If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrance, he shall apply in writing to M.D, JKMSCL, Jammu / Srinagar (J&K), which has placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only released by purchase officer after sanction of extension in delivery period by M.D., JKMSCL</p> <p>VII. Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of hindrances beyond the control of the Bidder, the extension in delivery period may be granted without Liquidated Damage</p> <p>VIII. If the Bidder is unable to complete the supply within the specified or extended period, the purchasing officer (JKMSCL) shall be entitled to purchase the goods or any part thereof from elsewhere without notice</p> |

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| | <p>to the Bidder on his (i.e. Bidders) account and risk only with the prior approval from M.D., JKMSCL, Jammu / Srinagar (J&K). The Bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the Bidder. The Bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the Bidder under this or any other contract with the government. If recovery is not possible from the bill and the Bidder fails to pay the loss or damage, within one month of the demand, the recovery of such amount or sum due from the Bidder shall be made under the law for the time being in force. In case more than one supplier has been approved for any item under the approved list circulated to the purchasing officers, the risk purchases may be made at a higher rate from any other firm whose rate is duly approved. It is mandatory for the approved supplier to acknowledge receipt of orders within fifteen days from the date of dispatch of order, failing which the purchasing officer will be at liberty to initiate action to purchase the items on risk purchase system at the expiry of the prescribed supply period, after taking required approval from M.D., JKMSCL (J&K).</p> <p>(i) If the bidder is unable to complete the supply within the specified or extended period, the purchasing officer shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approval from JKMSCL. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder. The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the corporation/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made or any other law for the time being in force. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.</p> <p>(ii) In case of wrong quoting, (or) if successful bidder refuses (or) fails to execute the supplies on the basis of wrong quoting of rates, the bidder shall be penalized with forfeiting of amount equivalent to the Performance security for the said product (or) debarring/ blacklisting of firm for that particular product(s) for a period not less than 02 years (or) both as deemed fit by TIA i.e. MD, JKMSCL.</p> |
| 14 | <p>(i) JKMSCL shall procure the machinery & equipment for the Health & Medical Education Institutes of J&K State, inter-alia.</p> <p>(ii) The funds shall be transferred to JKMSCL with indent form and supply orders shall be placed by JKMSCL to suppliers.</p> |
| 15 | RECOVERIES |
| | <p>(i) Recoveries of liquidated damages, short supplies, breakage, rejected articles shall ordinary be made from bills. Such amount may also be recovered from any other untied dues & security deposits available with</p> |

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| | <p>Corporation. In case recovery is not possible, recourse will be taken under law in force.</p> <p>(ii) Any recovery on account of L.D. charges/risk & cost charges in respect of previous rate contracts/ supply orders placed on them by the corporation can also be recovered from any sum accrued against this tender after accounting for untied sum or due payment sum lying with corporation against previous rate contracts/supply orders. Firm shall submit details of pending amount lying with corporation but decision of M.D., JKMSCL, J&K regarding authenticity of sum payable shall be final.</p> |
| 16 | INSPECTION:- |
| | <p>(i) The equipments supplied shall be according to specifications provided at Section IV (3) schedule of supply and may be inspected by the technical panel/team constituted for the purpose by JKMSCL deemed fit on the site of manufacturer (in case of Indian manufacturer)/ importer (importer site). The manufacturer/importer shall facilitate the demonstration of the said machine/equipment/on the site only. After the receipt of "Certificate of satisfaction" from the technical panel, the supply order shall placed. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by B.I.S. at the time of inspection. The machine/equipment shall be further inspected at the time of installation/commissioning at site i.e the end user site. The supplier shall provide all facilities for inspection/testing free of cost.</p> <p>(ii) Notwithstanding the fact that the authorized inspecting agency had inspected and/or has approved the stores/articles, the procurement officer or his representative may inspect the item/material as soon as it is received in the stores to ensure that the supply is in accordance with the specifications laid down in rate contract.</p> <p>(iii) In case of doubts in inspection/ test, same may be got inspected or tested in any laboratory. If the material is not found as per specifications or defective, consignee will not accept the material and shall inform the JKMSCL, J&K within 3 days. Consignee may also simultaneously ask the firm for removal of defect/replacement. The firm shall be bound to remove the defect or replace the defective equipment/item within 15 days of receipt of intimation from the consignee. However, the date of delivery, in case of defective item shall be taken as the date on which the JKMSCL accepts the item after replacement of defective material/removal of defects as the case may be. Wherever defective item is replaced, the inspection / testing charges, if any, shall be borne by the supplier.</p> <p>(iv) If required, the consignee may refer inspection committee to match the specification with available reserved sample with the corporation which is submitted by the firm/supplier at the time of technical approval.</p> <p>(v) In case of imported item, the supplier shall ensure that the item shall be inspected by the third party inspection agency before dispatched to the consignee. In case any un-inspected item has been found in</p> |

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| | the item received by consignee, the firm shall be solely responsible for it and the JKMSCL shall be free to take suitable necessary action as per terms and conditions of bid documents/agreement against the firm. |
| 17 | PACKING AND INSURANCE |
| | <p>(i) The goods will be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather or otherwise in any situation. The insurance charges will have to be borne by the supplier and the corporation shall not be required to pay any such charges, if incurred.</p> <p>(ii) The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by sea, rail, road or air and delivery of material in good condition to the procurement officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its representative to verify any damage or loss discovered at the consignee's store, if it so likes.</p> <p>(iii) Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the JKMSCL and the same shall not be returned to him.</p> |
| 18 | REJECTION |
| | <p>(i) Articles not as per specifications/or not approved shall be rejected by the JKMSCL and will have to be replaced by the supplier firm at his own cost within 15 days or as time limit fixed by the JKMSCL.</p> <p>(ii) All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard, samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents. The decision of Managing Director JKMSCL as to the quality of stores be final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard/spurious, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.</p> <p>(iii) The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned will take reasonable care of such material but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises.</p> <p>(iv) No payment shall be made for defective/incorrect items. However, if payment has been made, then defective items shall be allowed to be removed only after the firm replaces material as per specifications, duly inspected. If the payment has not been made, the firm may be allowed to remove the material without prior replacement (provided firm has performance security as per condition No. 18). Joint inspection of defective material may be carried out as required by the JKMSCL. However sample of ISI marked material found defective shall be kept by consignee for reference</p> |

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| | <p>to BIS.</p> <p>(v) In case firm wants to take back item to their works for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification.</p> <p>The Bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the Bidder shall be responsible. No extra cost on such account shall be admissible.</p> |
| 19. | CORRECTION OF ARITHMETIC ERRORS |
| | <p>Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during evaluation of financial bids on the following basis:</p> <p>(i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the procuring entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;</p> <p>(ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.</p> <p>(iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to clause (a) and (b) above.</p> <p>If the bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its bid security shall be forfeited or its bid securing declaration shall be executed.</p> |
| 20 | PROCURING ENTITY'S RIGHT TO VARY QUANTITY: |
| | <p>(i) The quantity of equipments and instruments originally indicated in the bidding document may vary without any change in the unit prices and other terms and conditions of the bid and the conditions of contract.</p> <p>(ii) If the Managing Director JKMSCL J&K procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.</p> <p>(i) If the Bidder fails to supply the Managing Director JKMSCL J&K shall be free to arrange/procure the items and the extra cost incurred shall be recovered from the Supplier.</p> |
| 21. | PARALLEL RATE CONTRACT |
| | <p>The JKMSCL may also execute parallel rate contract to with more than one firm for each item on the lowest approved rates on the same terms and</p> |

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| | <p>conditions, if the original lowest one each not in a position to supply material as per JKMSCL requirement.</p> <ul style="list-style-type: none"> (i) To ensure sustained supply without any interruption, the bid inviting authority reserves the right to approve more than one supplier to supply the requirement among the qualified bidders. (ii) Orders will be placed with Lowest I (L-1) firm. However in case of any exigency at the discretion of the bid inviting authority, the orders may also be placed with the other firms, in the ascending order, L-2, L-3 and so on who have matched with the L-1 rates and executed agreement with corporation on same rates (L1), terms and conditions. (iii) After the conclusion of financial bid opening (Cover B) the lowest offer of the bidder is considered for negotiation and rate arrived after negotiations is declared as L-1 rate and L-1 supplier for an item for which the bid has been invited. (iv) The bid who has been declared as L-1 supplier for certain item shall execute necessary agreement for the supply of the required quantity of such item on depositing the required amount performance security and on execution of the agreement such bidder is eligible for the placement of supply orders. (v) JKMSCL will inform the L-1 rate to the bidders who had qualified for financial bid (Cover B) opening, inviting their consent to match with the L-1 rates for the item/items quoted by them and the bidders who agree to match L-1 rate, will be considered as matched L-1 (vi) The bidder who agrees to match L-1 rate shall furnish the breakup detail (Rate, GST, CUSTOM DUTY etc.) of rates (L-1 rates). (vii) The supplier, on receipt of the supply orders deems that the purchase orders exceeds the production capacity declared in the bid documents and the delay would occur in executing the order, shall inform the JKMSCL immediately without loss of time and in executing the order, shall be returned within 7 days from the date of issuing order, failing which the supplier would be deprived from disputing the imposition of liquidated damages, and penalty for the delayed supplies. (viii) If the L-1 supplier has failed to supply / intimated JKMSCL about his inability / delay in supply as per the supply order, the required items within the stipulated time or as the case may be, JKMSCL may also place purchase orders with the matched L-1 Bidders for purchase of the items provided such matched L-1. Bidders shall execute necessary agreement indicating the production capacity as specified in the bid document on depositing the required amount. Such bidder is eligible for the placement of purchase orders for the item quoted by them. (ix) Subject to para (vii) above, while JKMSCL has chosen to place purchase orders with matched L-1 supplier and there are more than one such matched L-1 supplier, then the purchase orders for the requirement of items will be place with L-2 first on matched rates of L-1 |
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| | <p>and in case L-2 does not have the required capacity than L-3 would be considered on matched L-1 rates and the same order would be flowed in case of L-3, L-4, etc.</p> <p>(x) The matched L-1 supplier, on placement of purchase orders, will be deemed as L-1 rate supplier for the purpose of the bid and all provisions of the bid document applicable to L-1 rate bidder will apply to the matched L-1 supplier.</p> <p>(xi) If the supplier fails to supply the item for the purchase orders, at any point of time, either fully or partly, within the stipulated time, JKMSCL is at liberty to place purchase orders with other bidders (in ascending order, viz, L-2, L-3 and so on) at the price offered by then and in such cases the supplier is liable to indemnify JKMSCL, without any protest or demur, for the difference in cost incurred by JKMSCL and the JKMSCL is entitled to recover the difference in cost from the amount due / payable to the supplier.</p> <p>(xii) Parallel rate contract may be concluded as described above during any time / currency of rate contract subject to matching of L-1 rates, price fall clause and on same terms and conditions.</p> |
| 22 | VALIDITY OF BID: |
| | Bids shall be valid for a minimum period of 120 days from the date of opening of technical bid. Prior to the expiry of the period of validity of bid, the procuring entity, may request the bidders to extend the bid validity period for an additional specified period of time. A bidder may refuse the request and such refusal shall be treated as withdrawal of the bid but in such circumstances bid security shall not be forfeited. |
| 23 | PRICE ESCALATION: |
| | Price escalation or price variation shall not be applicable or considered under any circumstances for the purchases made under this bid or agreement. However, the provisions provided for tax variations are exclusive to this clause. |
| 24 | SUBLETTING OF CONTRACT: |
| | Subletting or assigning contract to third party is prohibited. In the event of bidder violating this condition, the Jammu and Kashmir Medical Supplies Corporation Limited shall be at liberty to place the contract elsewhere on the Bidder's account and at his risk. The bidder shall be liable for any loss or damage, which the Government may sustain in consequence or arising out of such replacement of the contract. |
| 25 | FALL CLAUSE:- |
| | <p>(i) The prices under contract shall be subject to price fall clause. The prices charged for the store supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the stores of identical description to any other persons during the period of the contract in the Union Territory of J&K. If any time, during the period of the contract, the bidder reduces the sales price chargeable</p> |

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| | <p>under the contract, he shall forth with notify such reduction to the JKMSCL, J&K and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale shall stand reduced correspondingly. It imply that if the contract holder quotes/ reduces its price to render similar goods at a price lower than the contract price to anyone in the State /UT at any time during the currency of contract including extension period, the contract price shall be automatically reduced with effect from the date of reducing or quoting lower price for all delivery of subject matter of procurement under contract and the contract shall be amended accordingly.</p> <p>(ii) The firms holding parallel rate contract shall also reduce their price. Firms shall notify their reduced price and intimate their acceptance to the revised price within 15 days to JKMSCL. Similarly, if parallel rate contract holding firm reduced its price during currency of the rate contract, its reduced price shall be conveyed to other parallel rate contract holding firms and the original rate contract holding firms for corresponding reduction in their prices. If any rate contract holding firm does not agree to reduce price, further transaction with it, shall not be conducted.</p> |
| 26 | <p>COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST:</p> <p>Any person participating in a procurement process shall-</p> <ol style="list-style-type: none"> Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process; Not misrepresent or omit misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation; Not indulge in any collusion, bid rigging or any-competitive behaviour to impair the transparency, fairness and progress of the procurement process; Not misuse any information shared between the procuring entity and the bidders with an intent to gain unfair advantage in the procurement process; Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any part or to its property to influence the procurement process; Not obstruct any investigation or audit of a procurement process; Disclose conflict of interest, if any; and Disclose any previous transgressions with any entity in India or any other country during the last three years or any debarment by any other procuring entity. <p>Conflict of Interest :</p> <p>The bidder participating in a bidding process must not have a conflict of interest. A conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's</p> |

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| | <p>performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.</p> <p>A bidder may be considered to be in conflict of interest with one or more parties in bidding process if, including but not limited to :</p> <ol style="list-style-type: none"> Have controlling partners/shareholders in common; or Receive or have received any direct or indirect subsidy from any of them; or Have the same legal representative for purposes of the bid; or Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder, or influence the decisions of the procuring entity regarding the bidding process; or The bidder participates in more than one bid in a bidding process. Participation by a bidder in more than one bid will result in the disqualification of all bids in which the bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a bidder, in more than one bid; or The bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the goods, works or services that are the subject of the bid; or bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring entity as engineer-in charge/consultant for the contract. <p>Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge / consultant for the contract.</p> |
| 27 | <p>All correspondence in this connection should be addressed to the Managing Director JKMSCL, J&K. Technical questions should be referred to the Managing Director JKMSCL, J&K direct by correspondence or by personal contact.</p> |
| 28 | <ol style="list-style-type: none"> Direct or indirect canvassing on the part of bidders or their representative shall disqualify their bids. Supplier may be disqualified, banned or suspended from business during the rate contract if : <ol style="list-style-type: none"> fails to execute a contract or fails to execute it satisfactorily ; no longer has the technical staff or equipment considered necessary ; is declared bankrupt or insolvent or its financial position has become unsound, and in the case of a limited company, it is wound-up or taken into liquidation ; The firm is suspected to be doubtful loyalty to state. The State Bureau of Investigation (SBI) or any other Investigating agency recommends such a course in respect of a case under investigation. Managing Director JKMSCL, J&K is prima- facie of the view that the firm is guilty of an offence involving moral turpitude in relation to business dealings, which if established would result in business dealing with it banned. |

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| 29 | No action on the letter head of the bidder /firm regarding any complaints against the JKMSCL will be considered unless the letter head bears the signature of the bidder or the authority higher than the bid signatory of the firm. |
| 30 | <p>(i) If any certificate/documents/information submitted by the bidder found to be false/ forged/ fabricated/vexatious or frivolous or malicious appeals or complaints etc. than bidder shall be liable for the appropriate legal action along with disqualification, banning, suspension etc. for limited or unlimited period.</p> <p>(ii) Bidders are required to submit wanted information (if any) based on the facts. If the furnished information by the firm found to misleading or not based on facts disciplinary action against the firm may be taken as to banning concerned item/items for certain or uncertain period.</p> |
| 31 | The JKMSCL reserves the right to accept any bid not necessarily the lowest. The JKMSCL may reject any bid without assigning any reasons and accept bid for all or anyone or more of the articles for which bidder has been given or distribute items of stores to more than one firm/supplier. |
| 32 | GRIEVANCE |
| | Grievance regarding interpretation of any clause of the contract/agreement executed between the parties shall be referred to Managing Director, JKMSCL for its clarification. |
| 33 | ARBITRATION |
| | <p>34.1 Governing Law: This NIT shall be governed by and construed in accordance with the laws of the Union Territory of Jammu and Kashmir and the laws of India as applicable to the Union Territory of Jammu and Kashmir.</p> <p>34.2.1 Amicable Settlement: Either party is entitled to raise any claim, dispute or difference of whatever nature arising under out of or in connection with the NIT including its existence or validity or termination (collectively "dispute") by giving a written notice to the other party, which shall contain</p> <ol style="list-style-type: none"> i. a description of the dispute ii. the ground for such dispute iii. all written material in support of its claim <p>34.2.2 The other party shall, within thirty days of issuance of dispute notice issued, furnish:</p> <ol style="list-style-type: none"> I. Counter claim and defences, if any, regarding the dispute; and II. All written material in support of its defences and counter claim <p>34.2.3 Within thirty days of issuance of notice by any party pursuant to para 29.1.2 both the parties to the dispute shall meet to settle such dispute amicably. If the parties fail to resolve the dispute</p> |

| | |
|-----------|--|
| | <p>amicably within thirty days of the receipt of the notice referred to in the above para the dispute shall be referred to Managing Director, JKMSCL, J&K for its reference to arbitration.</p> <p>34.3 Dispute Resolution: Besides, as referred above in para 29.1.3 may also include any dispute arising out of contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred to the Managing Director, JKMSCL, J&K who will appoint his senior most officer as sole Arbitrator of the dispute, will not be related to this contract and whose decision shall be final and binding on both the parties. The Arbitrator proceedings shall be governed by the J&K Arbitration and Conciliation Act, 1997. The venue of the Arbitration shall be in the Union Territory of Jammu and Kashmir.</p> <p>Note: - Small grievances regarding interpretation of any clause of the Contract / Agreement executed between the parties shall be referred to Managing Director, JKMSCL for its clarification and such interpretation(s) given shall not become subject matter for reference to Arbitration</p> |
| 34 | The JKMSCL will have the right of rejection of all or any of the bids without assigning any reason for the same. The right to conclude parallel rate contracts with another firm for the stores detailed in Table I is also reserved by the Managing Director JKMSCL, J&K |
| 35 | Extra stipulation or any other condition contrary to the above bid conditions are not acceptable and may render the bid liable to rejection. |
| 36 | The bidder must sign all the pages of bid document at the below of terms & conditions agreeing to abide by all conditions of the bid and accept them in toto. The Signing of Annexure A1 shall be treated as acceptance of all the terms and conditions of the bid document. |
| 37 | The Managing Director JKMSCL, J&K may relax or change/ modification in terms and conditions in the exigency excluding fundamental changes. In case of such urgency the terms & conditions shall be got approved from Purchase committee of Managing Director JKMSCL, J&K as the case may be. |
| 38 | JURISDICTION:- All actions, legal proceedings and suits arising from or connected to this bid shall be subject to the exclusive jurisdiction of courts in J&K only. |

Section VI B: - Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The clauses of special conditions of contract are as follows:-

| Clause No. | Particulars |
|------------|---|
| 1. | Technical details, bid security, tender cost, tender processing fee and all other required documents should be uploaded under Cover "A" Technical Bid and financial details (BOQ) should be uploaded under Cover "B" . No document except financial instrument (DD/FDR) & catalogues of the bid items shall be entertained physically by the Corporation. |
| 2. | Pre-requisite, if any, for installation, including UPS, computer, printer, and other items should be provided by the firm in technical bid and financial bid respectively. |
| 3. | Firm shall provide comprehensive maintenance with spare parts for item(s), as mentioned in Technical specification (from the date of installation / demonstration). Acceptance of comprehensive maintenance contract after expiry of guarantee period should be submitted with the cover "A" and rates in cover "B" respectively. |
| 4. | Conditional bids shall not be considered. |
| 5. | Normally, payment shall be released after installation, demonstration and successful commissioning of equipment/ITEM and satisfactory operational training. |
| 6. | All certificates should be valid on the date of submission of bids and issue of supply order. |
| 7. | The bidder should have well equipped local service centre in India preferably in J&K. |
| 8. | <ul style="list-style-type: none"> i. The bidder shall be a manufacturer/direct importer/authorised representative of the original manufacturer/importer who must have manufactured/ imported and supplied and installed this equipment(s) in India satisfactorily. ii. The merger / amalgamation / transfer of business / transfer of assets etc. of a firm affects the bid condition relating to 'past performance' in preceding years. In cases where bidder acquired an ongoing business or assets of another entity, eligibility in respect of the past performance and condition relating to minimum turn over in preceding years shall be decided based on specific mention in purchase and transfer of ownership agreement / agreement of sale of business and / or its assets / board of directors (B.O.D) resolution chartered accountant certification or any other document (s) in this regard, which the bidder shall have to submit preferably with the bid. The eligibility of a bidder in this regard shall be ascertained by the purchase committee on the basis of the above stated agreement or any other document(s) and the decision of purchase committee shall be final. |

| | |
|-----|---|
| 9. | The name, make, model and brand of equipments, which are offered, should be mentioned in against each item. Mere indication of English/USA/Indian will not serve the purpose. |
| 10. | In the case of supply of imported item the suppliers may be asked to furnish a certificate to the effect that the firm has completed all the formalities in connection with import of the item in question. |
| 11. | In case the item approved by the JKMSCL is procured by any other department on the rate contract of JKMSCL, the administrative charges to the extent of 5% of the invoice value shall be deposited by the approved firm or else, the firm/supplier shall be liable to be penalised which may lead to blacklisting/debarring from entering into the tender process for not less than 05 years by JKMSCL besides forfeiture of earnest money or any other action as |
| 13 | The Supplier/service providing firm shall be liable to pay a penalty of Rupees five thousand per day , if the firm didn't respond after 48 hours from the time of receiving first complaint. The complaint may be sent to firm by way of telephone /fax/letter or e-mail. The amount of liquidation damage shall be directly deducted from the security deposit of the firm at the time of refund or before by way of any adjustment order. All breakdown calls to be attended within 24 hrs at (within city limits) and 48 hrs for other districts/peripheral areas otherwise the penalty shall be imposed as per |

APPLICABILITY OF CLAUSES: - All the clauses from 1 to 38 of general terms and conditions and from 1 to 13 of special terms and conditions and their annexure, formats & enclosures are applicable for the bid items.

Managing Director
Jammu and Kashmir Medical Supplies Corporation Limited

I/We have read the above terms and conditions and I/We agree to abide myself/ourselves by the above terms & conditions of the bid document

Signature of bid with seal

Section VI C: Contract Forms (CF)

Table of contents

| S.No. | Description | Pages |
|-------|---|-----------------------------------|
| 1. | Letter of Acceptance (Annexure A1) | |
| 2. | Agreement Form | To be downloaded from the website |
| 3. | Form for bank guarantee (on bank letter head) | To be downloaded from the website |
| 4. | Format-Authorized Representatives/Agents of Original Manufacturer/Direct Importer (Annexure AII) | |
| 5. | Declaration regarding acceptance of terms & conditions of tender document by the bidder (Annexure AIII) | |
| 6. | Technical Specifications (Annexure AIV) | |

LETTER OF ACCEPTANCE

M/s

.....

Sub :- Acceptance of the bid rates for the item

Ref :- Your bid no. dated

1. Item (s) as per schedule enclosed/ noted/is/are approved in your favour against the rate (s) quoted by you in the above mentioned bid. According to the terms & conditions of the bid it is necessary to execute an agreement in the prescribed form enclosed, on a non judicial stamp paper of Rs. and furnish the requisite amount of performance security. The amount of performance security calculated on the basis of the approved items and indicative quantity mentioned in the bid from works out to only)
2. The performance security shall be furnished to Jammu and Kashmir Medical Supplies Corporation Limited through bank draft payable at Jammu.
3. All terms and conditions of the bid document shall be an integral part of the contract. You are informed to return the agreement form along with schedule of rates for approved item (s) in duplicate duly filled in and signed by you with signature and addresses of two witnesses below signature at the appropriate place mentioned in the agreement form. The copies of the agreement form must be send duly completed in all respect along with the amount as mentioned above falling which it will be treated as a breach of the terms and conditions of the bid and it will also be presumed that you are not interested in entering into the contract and approval of the rates shall be cancelled without notice or any reference.
4. The list of approved items may be checked and in case there is any difference between your offer and the approved rates, the same may be intimated immediately, failing which it will be presumed that it is correct as per your offer and technical specification.
5. The firm shall furnish consolidated statement of supplies made to JKMSCL by the 10th of the next month as per terms of conditions.
6. Please note that self attested/notarized copies of documents shall be considered valid. If photo copies are submitted, than at the time of signing the agreement, the firm shall bring original documents for confirmation.
7. Also please arrange to furnish the following documents required under the terms and conditions of the bid failing which the agreement will not be executed and the failure would lie at your part
 - (i) **The original copy of bid document signed on each page, which has been uploaded on e-procurement portal.**
8. You are therefore; requested to please complete the above formalities within 15 days from the date of issue of this letter. The duly signed duplicate copy of the agreement will be returned to you for reference.

Encl.: 1. Agreement form
 2. Schedule of Rates
 3. Any other

Managing Director
 Jammu and Kashmir Medical Supplies Corporation Limited

Annexure AI

Format-Authorized Representative of Original Manufacturer/Direct Importer

In case, original manufacturer/direct importer wish to authorise any representative to bid, to negotiate, to raise invoice to receive payments on behalf of original manufacturer/direct importer/against invoice raised by representative.

The Managing Director,
Jammu & Kashmir Medical Supplies Corporation Ltd.
J&K
Dear Sir,

We _____ who are established and reputed manufacturers of _____ having factories at _____ Registered office at _____ possessing manufacturing license No. _____ and do hereby authorize M/S _____ (Name and Address of Representative) to submit a bid and subsequently negotiate with you against the above mentioned tender, subject to the condition that I/we, the original manufacturer/direct Importer of the bidding items and our authorized representative _____ are ready to execute Tripartite agreement with the Corporation i.e JKMSCL stating inter-alia that:-

1. The invoice submitted by the authorised representative for such supplies shall be endorsed by me /us i.e. the original Manufacturer/Direct Importer of bidding items and original copy of the delivery challan of Manufacturer's towards authorised representative for such supplies shall also be endorsed along with invoice submitted by our Authorized Representative.
2. JKMSCL may secure an e-mail /alternative confirmation for authenticity of such supplies from Manufacturer/Direct Importer, before releasing the payment, which we are committed to provide.
3. The payment shall however be released on the terms and conditions of tripartite agreement to be signed between JKMSCL, Original Manufacturer / Direct Importer and the authorized representative of Original Manufacturer / Direct Importer of the bidding items for such supplies made by the authorized representative, on behalf of me / us.
4. In case of change of Dealership we shall be responsible for providing after sales services and maintenance of the equipment free of cost during the warranty period..

No company or firm or individual other than M/S _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

I / we, further agree to comply with the conditions specified under Clause 2(a) –Eligibility Conditions, of the tender document. We hereby extend our full guarantee as per the tender conditions for the goods offered for supply against this invitation for bid by the above Firm.

Yours faithfully

Name

For and on behalf of M/S

(Name of the manufacturer/Direct Importer)

Note: This letter of authority should be on the letter head of original Manufacturer/Direct Importer of bidding items and should be signed and sealed by the Proprietor/ Managing Director of the firm / authorized signatory and shall have to be duly notarised.

TECHNICAL SPECIFICATIONS

1. Integrated Vestibular diagnostic Lab consisting of the following equipment (ENT2101)

| 1.Rotary Chair | |
|--|--|
| Product Description | Computer controlled Rotary chair for vestibular testing |
| Purpose | Objective documentation of vestibular function |
| Components | Computer controlled Rotary chair , Integrated Wireless VNG |
| <u>SALIENT FEATURES</u> | |
| 1. Should be able to perform Sinusoidal Harmonic Acceleration (SHA) test and measure gain & symmetry | |
| 2. Should be able to perform Velocity step test and measure VOR time constant & gain | |
| 3. Should be able to perform Test for spontaneous nystagmus | |
| 4. Rotary Chair with servo motor & PLC | |
| 5. Integrated binocular wireless VNG | |
| 6. Rotation velocity 100 degrees/ sec | |
| 7. Acceleration 100 degrees /sec ² | |
| 8. Emergency stop | |

| 2.Stabilometric Balance Platform For Vertigo Clinics | |
|---|--|
| Product Description | Stabilometric Balance Platform(computerized) and Software for Stabilometry Testing |
| Purpose | Balance Platform(computerized) to evaluate postural control and for measuring rehabilitation outcome in Vertigo Patients |

| | |
|---|----------------------------------|
| Components | Stabilometry platform & software |
| <u>SALIENT FEATURES</u> | |
| 1. Should be able to perform Stability Evaluation Test (SET) | |
| 2. Should be able to perform Limits of Stability (LOS) Test | |
| 3. Should be able to perform Rhythmic Weight Shift (RWS) Test | |
| 4. Balance Platform with 4 load cells | |
| 5. Should be able to integrate with Virtual reality | |

3.VideoNystagmography (VNG)

| | |
|---------------------|---|
| Product Description | Video Nystagmography (VNG) Equipment For Vertigo Clinics |
| Purpose | To evaluate the oculomotor system , positional and caloric test in Vertigo Patients |
| Components | Binocular VNG Goggle, Projector,Desktop/Laptop and Software |

| | |
|--|--|
| <u>SALIENT FEATURES</u> | |
| 1. Should be able to perform Spontaneous Nystagmus with & without optic fixation | |
| 2. Should be able to perform Gaze evoked Nystagmus | |
| 3. Should be able to perform Saccades - fixed & random | |
| 4. Should be able to perform Smooth tracking with varying frequencies | |
| 5. Should be able to perform Optokinetic test | |
| 6. Should be able to perform Head shaking test | |
| 7. Should be able to perform Caloric test | |
| 8. Should be able to perform Vibration test | |
| 9. Should be able to perform Positional Testing including Dix-Hallpike, McClure's/Supine head roll , Deep Head Hanging | |
| 10.Should be able to perform Valsalva and hyperventilation induced nystagmus | |
| 11.Should be able to perform Skew Deviation | |

| | | |
|---|-------------------------|----------------|
| 12.Real time recording of all the parameters | | |
| 13.High frame rate camera (60 fps) with hot mirror for precision and obstruction less eye tracking | | |
| 14.Algorithm automatically calculates the slow phase velocity and counts the no. of beats per second | | |
| 15Automatic calculation of canal Paresis and fixation index | | |
| 16.Pan Control and eye centering through the software instead of knobs on goggle to avoid movement of goggle during testing | | |
| 17.Projector image instead of light bar or LCD Screen | | |
| 18Automatic Calculation of Gain at two frequencies in smooth pursuit test | | |
| 19. Automatically generate graphs of all parameters with normative data for easy visual comparison | | |
| 20.Automatically compensates the effect of spontaneous nystagmus in caloric testing | | |
| 21.Hot mirror for unobstructed viewing | | |
| 22.Built in fixation light to simplify testing | | |
| 23.Easy fit magnetic cover allowing for both occluded and unoccluded measurements | | |
| 24.Equipped with soft and comfortable padded headband | | |
| 25.Binocular Testing | | |
| 26. | Horizontal Eye Tracking | 20° |
| 27. | Vertical Eye Tracking | 15° |
| 28. | Sampling rate | 60 Hz |
| 29. | Image Sensor Type | 1/3"CCD / CMOS |

SOFTWARE FEATURES

1. Automatic storage of test data on the cloud
2. Integrates with water caloric irrigator

Desktop

| | |
|----------------------|---------------------|
| Type | Desktop |
| Procesor | Intel core i5 |
| Minimum RAM Required | 4 GB |
| Operating System | Windows 10 or above |

| | |
|-----------------------------|--|
| Minimum Disk Space Required | 256 GB |
| Minimum screen resolution | 1024 (horiz) x 768 (vert) at 96 dpi |
| Display colour | 32-bit color |

4. Water Caloric Irrigator For Video Nystagmography Machine

| | |
|---|---|
| Purpose | To be used in combination with a Video Nystagmography (VNG) Machine For Caloric Testing in Vertigo Patients |
| Components | Water caloric Irrigator , External water tank |
| Delivery hose to easily reach the patient's ear | 2.5 meter long |

PRODUCT TECHNICAL FEATURES

| | |
|--|----------------------------|
| Temperature Range | 25° to 50°C |
| Cool Stimulus | 30°C |
| Warm Stimulus | 44°C |
| Temperature Readout through software | Digital |
| Temperature Accuracy | ± 1°C |
| Time Range | 30 seconds |
| Water Flow rate | 400cc to 500 cc per minute |
| Flow Rate Accuracy | ± 50 cc per minute |
| All parameters must be visible in the VNG software | |

SAFETY FEATURES

1. Auto high temperature cut-off
2. Temperature sensor failure shut down

ELECTRICAL SPECIFICATIONS

| | |
|----------------------|-----------------------|
| Voltage Requirements | 220 – 240 VAC @ 50 Hz |
|----------------------|-----------------------|

5. Air Caloric Irrigator For Video Nystagmography Machine

| | |
|---------------------|----------------------------|
| Product Description | Air Caloric irrigator with |
|---------------------|----------------------------|

| | |
|--|---|
| | Compressor |
| Purpose | To be used in combination with a Video Nystagmography(VNG) Machine For Caloric Testing in Patients with Dizziness |
| Components | Air caloric Irrigator , Air compressor |
| Air Supply with suitable compressor | |
| Illuminated and Magnified Otoscope | |
| Light Source in otoscope | LED |
| Minimum Magnification of Otoscope | 2x |
| Delivery hose to easily reach the patient's ear | 2.5 meters |
| Self contained cooling ability | |
| All parameters should be visible in VNG software | |
| <u>PRODUCT TECHNICAL FEATURES</u> | |
| Temperature Range | 12° to 50° |
| Cool Stimulus | 24°C |
| Warm Stimulus | 50°C |
| Temperature Readout in VNG software | Digital |
| Temperature Accuracy | ± 1° C |
| Time to Achieve Desired Temperature | Less than 2 minutes |
| Stimulus timing activation | Activation trigger on delivery head |
| Time Range for Irrigation | 60 seconds |
| Air Flow Rate | 8 Litres per minute |
| Flow rate Accuracy | ± 0.5 Litres per minute |
| <u>SAFETY FEATURES</u> | |
| 1. Auto high temperature cut-off | |
| 2. Temperature sensor failure shut down | |

6. Dynamic Visual Acuity

| | |
|---------------------|---|
| Product Description | Head Mounted Device with 9 Axis Inertial Measurement Unit(IMU) and Software For Dynamic |
|---------------------|---|

| | |
|--|--|
| | Visual Acuity(DVA) Test |
| Purpose | For Detection of Peripheral Vestibulopathy and Vestibulotoxicity.It assesses the ability of the subject to maintain the image on the fovea of the retina in Vertigo Patients |
| Components | Head device , software |
| <u>SALIENT FEATURES</u> | |
| 1. Should be able to detect angle of head flexing | |
| 2. Should be able to detect the velocity of head rotation | |
| 3. Should be able to perform static visual acuity Test | |
| 4. Should be able to perform dynamic visual acuity Test | |
| 5. Automatically calculates dynamic visual acuity based on patient response | |
| 6. Computerized with rate sensor for head movement to provide precise recordings | |
| 7. The device should be a separate device and not part of VNG or VHIT | |

7. Subjective Visual Vertical

| | |
|---|---|
| Product Description | Subjective Visual Vertical (SVV) Equipment For Vertigo Clinics |
| Purpose | To evaluate the otolith system which is responsible for perception of verticality in Vertigo Patients |
| Components | Specialised Goggle with Tubular vision & Gyroscope, Bluetooth remote and Software |
| <u>SALIENT FEATURES</u> | |
| 1. Should be able to perform Static SVV test, Head Vertical | |
| 2. Should be able to perform Static SVV test, Head Inclined at 30 degrees | |
| 3. Should be able to perform Dynamic Moving background test , head vertical | |
| 4. Goggle should ensure tubular vision to cut off the cues from the surrounding | |
| 5. Gyroscope to measure head tilt of 30 Degrees | |
| 6. SVV goggle should be separate goggle with Tubular vision & Gyroscope , not combined with VNG | |

8. Craniocorpography

| | |
|--|--|
| Product Description | Cranio-Corpography (CCG) Equipments for Vertigo Clinics |
| Purpose | To evaluate the vestibulospinal reflex which is responsible for maintainance of balance during posture in Vertigo Patients |
| Components | Rroof mounted infrared camera, Wireless headband with Infrared LEDs and Software |
| <u>SALIENT FEATURES</u> | |
| 1. Should be able to perform Romberg Test | |
| 2. Should be able to perform Tandem Walking Test | |
| 3. Should be able to perform Unterburger's Test (Parameters evaluated are Displacement, sway, angle of deviation and body axis Spin) | |
| 4. Real time Recording of all parameters | |
| 5. High Frame Rate Infrared Camera | |
| 6. Head Mount with Infra Red LEDs | |

9. Video Head Impulse Test (vHIT)

| | |
|---------------------|--|
| Product Description | Monocular Goggle with IMU and software for Video Head Impulse Test to test the 6 semi-circular canals at high frequency impulse, |
| Purpose | To evaluate the 6 semi-circular canals , |
| Components | Monocular goggle with in-built camera &IMU , inbuilt laser, software |
| | VHIT goggle should be separate equipment , not with VNG goggle |

SALIENT FEATURES- VHIT

| | |
|---|-------------------|
| 1. Should be able to test 6 semi-circular canals seperately | |
| 2. Weight (light weight to prevent goggle slippage) | Less than 150 gms |
| 3. Monocular High Frame rate camera | 200 fps |
| 4. Automatic calculation of VOR Gain independently for all 6 canals | |

| | |
|---|--|
| 5. High Speed Infrared Camera to measure and record eye movements | |
| 6. High Frame rate camera with mirror for precision and obstruction less eye tracking | |

| | |
|--|--------|
| 7. Pan control and eye centering through the software instead of knobs on the goggle to avoid movement of the goggles during testing | |
| 8. Superior 9 axis sensor for measuring head movement and gives precise head position feedback | |
| 9. Built in Lasers for providing stimulus for calibration | |
| <u>LASER SPECIFICATIONS</u> | |
| Maximum Wavelength | 660 nm |
| Maximum Output power | 0.9mW |

10. Vertigo Assessment Software For Vertigo Clinics

| | |
|--|--|
| Product Description | Vertigo Assessment Software For Vertigo Clinics |
| Purpose | Clinical diagnosis support system that integrates Various diagnostic tests on one platform for patients of vertigo and balance disorders |
| Software supplied through | cloud |
| <u>SOFTWARE FEATURES</u> | |
| 1. Type of Software License | Perpetual |
| 2. Comprehensive History Module | |
| 3. All Reports on one platform | |
| 4. Patient Scheduling with SMS reminders | |
| 5. Automatically generate graphs of all parameters with easy visual comparison with normative data | |
| 6. Database Storage of Test Data | |
| 7. Cloud Based Software | |
| 8. Integrated with patient app (android& iOS) | |

- All equipment should be from same supplier & fully integrated
- All data from each equipment should be automatically stored in the cloud for easy retrieval
- All equipment should be ISO 13485 certified
- Warranty 5 years

Specifications for Oesophagoscope (ENT2102)

Adult Oesophagoscope

| S. No | Description | Quantity (Each Basis) |
|--------------|---|--------------------------------------|
| 1. | Universal Oesophagoscope with distal & proximal illumination adult 300 mm length, 12x8 mm diameter | Each |
| 2. | Universal Oesophagoscope with distal & proximal illumination adult 400 mm length, 12x8 mm diameter | Each |
| 3. | Universal Oesophagoscope with distal & proximal illumination adult 500 mm length, 12x8 mm diameter | Each |
| 4. | Universal Oesophagoscope with distal & proximal illumination adult 300 mm length, 14x10 mm diameter | Each |
| 5. | Universal Oesophagoscope with distal & proximal illumination adult 400 mm length, 14x10 mm diameter | Each |
| 6. | Universal Oesophagoscope with distal & proximal illumination adult 500 mm length, 14x10 mm diameter | Each |
| 7. | Universal Oesophagoscope with distal & proximal illumination adult 300 mm length, 16x12mm diameter | Each |
| 8. | Universal Oesophagoscope with distal & proximal illumination adult 350 mm length, 16x12mm diameter | Each |
| 9. | Universal Oesophagoscope with distal & proximal illumination adult 400 mm length, 16x12mm diameter | Each |
| 10. | Universal Oesophagoscope with distal & proximal illumination adult 450 mm length, 16x12mm diameter | Each |
| 11. | Universal Oesophagoscope with distal & proximal illumination adult 500 mm length, 16x12mm diameter | Each |
| 12. | Universal Oesophagoscope with distal & proximal illumination adult 550 mm length, 16x12mm diameter | Each |
| 13. | Universal Oesophagoscope with distal & proximal illumination adult 300 mm length, 7x9mm diameter | Each |
| 14. | Universal Oesophagoscope with distal & proximal illumination adult 270 mm length, 5x5mm diameter | Each |
| 15. | Prism for proximal illumination | Each |
| 16. | Attachment for distal illumination | Each |
| 17. | Adjustable magnifier, autoclavable swing away type | Each |
| 18. | Telescope sealing cap | Each |
| 19. | Optical forceps for Oesophagoscope, alligator, foreign body to fit in 300 mm Oesophagoscope | Each |
| 20. | Optical forceps for Oesophagoscope, biopsy forceps to fit in 300 mm Oesophagoscope | Each |
| 21. | Telescope 0° to fit in above optical biopsy forceps | Each |

| | | |
|-----|---|------|
| 22. | Foreign body forceps, alligator jaw with deep serrations 350 mm length 2.0 mm shaft diameter | Each |
| 23. | Peanut grasping forceps 350 mm length, 2mm shaft diameter | Each |
| 24. | Cut biopsy forceps 350 mm, 2mm shaft diameter | Each |
| 25. | Alligator forceps for hard foreign body 550 mm length | Each |
| 26. | Aspiration tubes rigid 350 mm length 2.5 mm diameter | Each |
| 27. | Aspiration tubes rigid 550 mm length 4 mm diameter | Each |
| 28. | Insertable suction tube for use with Oesophagoscope outer dia 2mm length 300mm | Each |
| 29. | Insertable suction tube for use with Oesophagoscope outer dia 2mm length 500mm | Each |
| 30. | Insertable suction tube for use with Oesophagoscope outer dia 2mm length 550mm | Each |
| 31. | Adjustable handle for Oesophagoscope | Each |
| 32. | Optical forceps, circular cup, alligator for hard foreign bodies | Each |
| 33. | Optical forceps for peanut & soft foreign bodies with spring action handle | Each |
| 34. | Optical forceps, round cupped jaws for biopsy | Each |
| 35. | Optical forceps, universal for biopsy, for removing foreign bodies & denatured tissue | Each |
| 36. | Attachment for distal illumination | Each |
| 37. | Clerf arrowsmith (safety pin closure) forceps | Each |
| 38. | Wire cutting forceps | Each |
| 39. | Shearing scissors | Each |
| 40. | Cotton carrier length 350 mm | Each |
| 41. | Esophageal dilators: 15-60 F with storage case, marked spring tip guide wire, reusable cleaning brush, disposable cleaning adaptors | Each |
| 42. | Gum elastic Oesophageal bougies: 16- 60 F with storage case | Each |
| 43. | High Definition Camera System: The system should have maximum resolution of 1920x1080 pixels, progressive scans & consistent use of 16:9 formats <ul style="list-style-type: none"> Internal medical grade recorder for capturing full HD videos & HD stills with storage capability of 50GB | Each |

| | | | | | | | | | | | | |
|--|---|--|--|--|-------------------------|---|--|------|---------------------------|------------------|--------------------------------------|------|
| | internally & 500GB externally | | | | | | | | | | | |
| | <ul style="list-style-type: none">• 18” or more touch screen for playback of recorded videos & controlling the features of camera system• System should have the facility of controlling the light source & recording device from the camera head• Videoscopes can be connected to the same | | | | | | | | | | | |
| 44. | <table><tr><td colspan="2">Technical Specifications:</td></tr><tr><td>Image sensor</td><td>CMOS</td></tr><tr><td>Pixels</td><td>1920x1080</td></tr><tr><td>AGC</td><td>Microprocessor controller</td></tr><tr><td>Control buttons:</td><td>3(2 out of them freely programmable)</td></tr></table> | Technical Specifications: | | Image sensor | CMOS | Pixels | 1920x1080 | AGC | Microprocessor controller | Control buttons: | 3(2 out of them freely programmable) | Each |
| Technical Specifications: | | | | | | | | | | | | |
| Image sensor | CMOS | | | | | | | | | | | |
| Pixels | 1920x1080 | | | | | | | | | | | |
| AGC | Microprocessor controller | | | | | | | | | | | |
| Control buttons: | 3(2 out of them freely programmable) | | | | | | | | | | | |
| | <table><tr><td>Input</td><td>Keyboard input for character generator</td></tr><tr><td>Power supply</td><td>100-240 V , AC 50/60 Hz</td></tr><tr><td>Certified to</td><td>IEC 601-1, 601-2-18, CSA 22.2, No. 601, UL 2601 & CE according to MDD, protection class 1/CF</td></tr></table> | Input | Keyboard input for character generator | Power supply | 100-240 V , AC 50/60 Hz | Certified to | IEC 601-1, 601-2-18, CSA 22.2, No. 601, UL 2601 & CE according to MDD, protection class 1/CF | | | | | |
| Input | Keyboard input for character generator | | | | | | | | | | | |
| Power supply | 100-240 V , AC 50/60 Hz | | | | | | | | | | | |
| Certified to | IEC 601-1, 601-2-18, CSA 22.2, No. 601, UL 2601 & CE according to MDD, protection class 1/CF | | | | | | | | | | | |
| 45. | <table><tr><td colspan="2">High Definition Medical Grade Monitor:</td></tr><tr><td colspan="2">The monitor should have</td></tr><tr><td colspan="2"><ul style="list-style-type: none">• HDTV display in original 16:9 format• 1080 p/50 & 1080 p/60 display possible• LED crystal display• Maximum resolution of 1920x1080• Screen diagonal 18 inches or more• Either in-built or external</td></tr></table> | High Definition Medical Grade Monitor: | | The monitor should have | | <ul style="list-style-type: none">• HDTV display in original 16:9 format• 1080 p/50 & 1080 p/60 display possible• LED crystal display• Maximum resolution of 1920x1080• Screen diagonal 18 inches or more• Either in-built or external | | Each | | | | |
| High Definition Medical Grade Monitor: | | | | | | | | | | | | |
| The monitor should have | | | | | | | | | | | | |
| <ul style="list-style-type: none">• HDTV display in original 16:9 format• 1080 p/50 & 1080 p/60 display possible• LED crystal display• Maximum resolution of 1920x1080• Screen diagonal 18 inches or more• Either in-built or external | | | | | | | | | | | | |
| 46. | <table><tr><td colspan="2">LED Light Source With Fibre Optic Cable</td></tr><tr><td colspan="2"><ul style="list-style-type: none">• Colour temperature 6400 K• In-built or external• Light outlets – 1• Light intensity adjustments: Continuously adjustable manually & automatically by cameras video output signal• Should be supplied with diameter 4.8 mm, length 300 cm• Certified to: IEC 601-1 and UL 544 CE according to MDD, protection class 1/CF</td></tr></table> | LED Light Source With Fibre Optic Cable | | <ul style="list-style-type: none">• Colour temperature 6400 K• In-built or external• Light outlets – 1• Light intensity adjustments: Continuously adjustable manually & automatically by cameras video output signal• Should be supplied with diameter 4.8 mm, length 300 cm• Certified to: IEC 601-1 and UL 544 CE according to MDD, protection class 1/CF | | Each | | | | | | |
| LED Light Source With Fibre Optic Cable | | | | | | | | | | | | |
| <ul style="list-style-type: none">• Colour temperature 6400 K• In-built or external• Light outlets – 1• Light intensity adjustments: Continuously adjustable manually & automatically by cameras video output signal• Should be supplied with diameter 4.8 mm, length 300 cm• Certified to: IEC 601-1 and UL 544 CE according to MDD, protection class 1/CF | | | | | | | | | | | | |
| 47. | <table><tr><td colspan="2">Fibre optic light cable 2.5 mm diameter, 1.8 m length</td></tr><tr><td colspan="2"><ul style="list-style-type: none">• All metallic instruments & accessories should be Autoclavable• Shall meet standard environmental & safety parameters• Should be USFDA & European CE approved products• All equipments& system listed above should be from the same manufacturer</td></tr></table> | Fibre optic light cable 2.5 mm diameter, 1.8 m length | | <ul style="list-style-type: none">• All metallic instruments & accessories should be Autoclavable• Shall meet standard environmental & safety parameters• Should be USFDA & European CE approved products• All equipments& system listed above should be from the same manufacturer | | Each | | | | | | |
| Fibre optic light cable 2.5 mm diameter, 1.8 m length | | | | | | | | | | | | |
| <ul style="list-style-type: none">• All metallic instruments & accessories should be Autoclavable• Shall meet standard environmental & safety parameters• Should be USFDA & European CE approved products• All equipments& system listed above should be from the same manufacturer | | | | | | | | | | | | |

| <u>Paediatric Oesophagoscope</u> | | |
|---|---|------|
| 1. | Esophagoscope, length 30 cm, size 6 | Each |
| 2. | Esophagoscope, length 30 cm, size 5 | Each |
| 3. | Esophagoscope, length 30 cm, size 4 | Each |
| 4. | Esophagoscope, length 30 cm, size 3.5 | Each |
| 5. | Esophagoscope, length 30 cm, size 3 | Each |
| 6. | Prismatic light deflector, Autoclavable with connection for fibre optic light cable | Each |
| 7. | Adjustable magnifier with ring adaptation, Autoclavable | Each |
| 8. | Optical forceps , with spring action handle for controlled removal of foreign bodies, compatible with Esophagoscope | Each |
| 9. | Alligator forceps , with spring action handle for controlled removal of foreign bodies, compatible with Esophagoscope | Each |
| 10. | Forceps with double action jaws for biopsy, compatible with Esophagoscope | Each |
| 11. | Rigid suction tube with rubber tip, length 35 cm | Each |

| <u>Specifications for Hypopharyngoscope</u> | | |
|--|---|-----------------|
| S.No | Description | Quantity |
| 1. | Hypopharyngoscope, Oval, Length 20 cm: – 12x16 mm – 10x14 mm – 8x12 mm | Each |
| 2. | Fibre optic light carrier for use with Hypopharyngoscope, length 20 cm | Each |
| 3. | Insert able suction tube, ;length 20 cm, diameter 2mm | Each |

Technical specifications for Coblator- II system for Dept. of ENT (ENT2103)

- Coblator system should be capable of performing tissue ablation, tissue coagulation & haemostasis via controlled, precise plasma layer.
- Unit should operate in a temperature range of 40 to 70 degrees.
- The 100mm – 200mm plasma field allows for precise removal of soft tissue.
- The Coblation Wand should have Multi Electrode Technology that will allow a uniform production of plasma.
- The Wands should have integrated cable & electrodes made of Tungsten precise plasma layer.

- The Wands should have malleable shaft so as to provide access to reach difficult areas. The bending tool for wands should be provided.
- Suction probes should have the integrated IV tubing.
- Probes with dual function of Coblation & Shrinkage should have depth markers & limiters on shaft.
- Probes should have an inbuilt saline delivery system to ensure saline reaches tip of the probe irrespective of probe orientation.
- The Coblation settings should be controlled by regulation on the generator from setting 1-9.
- The Coblation settings should be controlled by regulation on the generator from 1-5.
- The Coblation system should be digital which also covers the Coblation & Coagulation regulation.
- The Coblation system should have the facility to use a foot control for convenience and ease of use.
- There should be facility of separate switches at the foot control for Coblation & Coagulation.
- Coblation regulation from the foot control switch is essential.
- The Coblation surgery system should be able to take 13 or more different types of wands for open & minimally invasive ENT procedures like Tonsillectomy, Base Tongue, Adenoidectomy, Turbinate Reductions, Soft Palate, Laryngeal Procedures etc.
- There must be wands which are sufficient enough for Ablation, Coagulation & Haemostasis together with Suction & Irrigation.
- The unit should be able to recognize the Coblation Wands and as a precaution & safety measure must automatically shift to the desired settings of Coblation & Coagulation.
- The smart chip sensing system should have provision for Automatic upgrade depending upon any new wand.
- There must be provision for sub-mucosal tissue ablation & shrinkage.
- It should operate at 100-300 V & 100-500 kHz.
- There should be a saline irrigation controller with manual & auto-mode.
- There shouldn't be any separate power requirements for the Saline Flow Controller rather, it should derive power & run in synchronization with Coblation Surgery System Plasma Generator.
- Should be US FDA approved.

TECHNICAL SPECIFICATIONS FOR RHINO-LARYNGO-VIDEOSCOPE (ADULT) (ENT2104)

A Full High Definition system should consist of the following items:

- 1) A Chip on Tip Rhino-Laryngo Video scope
- 2) Full High Definition Video Processor system
- 3) Powerful LED light source.
- 4) 26" or more Full High definition medical grade monitor

- 5) Trolley to accommodate all equipment
- 6) Laptop with recording Software.
- 7) Printer.

Rhino- Laryngo Videoscope:

- Direction of View – 0 degree (forward view)
- A 2-4 angulation of scope.
- Four or more no. of remote control switches on control body.
- Compatible with electrosurgical and laser treatments
- Distal end & Insertion tube outer diameter should be 5 mm or less
- Field of view should be 85 degree or more
- Depth of field should be 2 mm-50mm
- Angulations range should be approx. Up 130 deg&Dn 130 deg
- Working length should be around 350 mm or more (Total length 500 mm or more)
- Instrument Channel should be around 1.5 – 2.5 mm
- Should be supplied with ETO cap & compatible leakage Tester of same make
- Should have biopsy & suction channels – 1.5 mm & 2.5 mm
- Should be provided with 2 reusable biopsy forceps & 2 reusable foreign body grasping forceps
- Should have facility for Narrow Band Imaging

Full High Definition Video Processor system:

- A full high definition processor should have resolution of 1920 * 1080 pixels.
- Should have compatibility for selecting Progressive / Interlaced output
- Optical image enhancement of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions.
- Should have a USB slot so as to take still pictures of Endoscope images.
- Compatible with Analog and Digital (Y/C, RGB, VBS COMPOSITE, HD-SDI, SD-SDI, DVI) to reproduce high definition images / video.
- Should have automatic white balance.
- Should be able to provide 16:9 and 16:10 output for a HDTV monitor and should be compatible with Analog and digital (HD-SDI and DVI output) to reproduce high definition images/video.
- Should have Indian electric standards 220V.

Powerful Led Source (Equivalent to 300W Xenon light source):

- A Powerful led light Source having an illumination of equivalent to 300W xenon light source
- Automatically adjusts light intensity to achieve ideal illumination
- The life of light source should be 10000 hrs or more.

26” or more Full High definition medical grade monitor:

- Should have minimum 26 inches size
- A medical grade high definition monitor with resolution of minimum 1920*1080
- Should have 16:10 aspect ration

- LCD Screen
- Should have PIP facility

Trolley:

- Trolley should accommodate all Equipment.
- Should have isolation transformer.

Laptop with recording software.

A Suitable laptop should be provided.

- It should have a Recording Software to record the procedure.
- Recording software should be User friendly.

PRINTER

- A color Printer should be provided.
- Printer should be from a reputed company.

TECHNICAL SPECIFICATIONS FOR RHINO-LARYNGO-VIDEOSCOPE (PEDIATRIC)

A Full High Definition system should consist of the following items:

- 1) A Chip on Tip Rhino-Laryngo Video scope
- 2) Full High Definition Video Processor system
- 3) Powerful LED light source.
- 4) 26" or more Full High definition medical grade monitor
- 5) Trolley to accommodate all equipment
- 6) Laptop with recording Software.
- 7) Printer.

Rhino- Laryngo Videoscope:

- Direction of View – 0 degree (forward view)
- A 2-4 angulation of scope.
- Four or more no. of remote control switches on control body.
- Compatible with electrosurgical and laser treatments
- Distal end & Insertion tube outer diameter should be 5 mm or less
- Field of view should be 90 degree or more
- Depth of field should be 3.5 mm-50mm
- Angulations range should be approx. Up 130 deg&Dn 130 deg
- Working length should be around 300-350 mm or more (Total length 500 mm or more)
- Should be supplied with compatible leakage Tester.
- Should be us fda& European CE approved.
- Should have biopsy & suction channel.
- Should be provided with 2 reusable biopsy forceps & 2 reusable foreign body grasping forceps

Full High Definition Video Processor system:

- A full high definition processor should have resolution of 1920 * 1080 pixels.

- Should have compatibility for selecting Progressive / Interlaced output
- Optical image enhancement of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions.
- Should have a USB slot so as to take still pictures of Endoscope images.
- Compatible with Analog and Digital (Y/C, RGB, VBS COMPOSITE, HD-SDI, SD-SDI, DVI) to reproduce high definition images/video.
- Should have automatic white balance.
- Should be able to provide 16:9 and 16:10 output for a HDTV monitor and should be compatible with Analog and digital (HD-SDI and DVI output) to reproduce high definition images/video.
- Should have Indian electric standards 220V.

Powerful Led Source (Equivalent to 300W Xenon light source):

- A Powerful led light Source having an illumination of equivalent to 300W xenon light source
- Automatically adjusts light intensity to achieve ideal illumination
- The life of light source should be 10000 hrs or more.

26” or more Full High definition medical grade monitor:

- Should have minimum 26 inches size
- A medical grade high definition monitor with resolution of minimum 1920*1080
- Should have 16:10 aspect ration
- LCD Screen
- Should have PIP facility

Trolley:

- Trolley should accommodate all Equipment.
- Should have isolation transformer.

Laptop with recording software.

- A Suitable laptop should be provided.
- It should have a Recording Software to record the procedure.
- Recording software should be User friendly.

PRINTER

- A color Printer should be provided.
- Printer should be from a reputed company.

ENT radiofrequency Induced Thermotherapy Unit (ENT2105)

Specifications

1. Should be based on principal of radiofrequency induced thermotherapy for minimally invasive procedures for daily practice of ENT (Habitual snoring, OSA, Palatine tonsil hyperplasia, Nasal polyps, ITH, Uvula hyperplasia, Tumor of H&N region etc.)
2. Should have intelligent power control unit and 3D impedance feedback control which automatically monitors and regulates the entire soft coagulation process.

3. Should have power setting of 1-25 W.
4. Current should be induced through bipolar applicators and should not need any neutral electrodes.
5. Should have constant real time monitoring of the coagulation process and should provide end of procedure signal.
6. Should have auto cut facility.
7. Should have foot switch control.
8. Should use Bipolar RFITT for cutting system
9. Should have Foot control and 3 button finger switch hand piece and a hand piece clip.

The system should be supplied with following products

| Name | Quantity |
|--|-----------------|
| 1. ENT Lab console with foot switch & hand piece | 1 |
| 2. Connection Cable | 1 |
| 3. Cutting Electrode grip | 1 |
| 4. Surgical forceps | 1 |
| 5. Cutting electrodes | |
| 6. Probe with conical tip & 1.3 mm diameter for treatment of habitual snoring & hyperplastic Palatine tonsil | 10 |
| 7. Probe with trocar tip & 1.3 mm diameter for mild OSA | 10 |
| 8. Probe with conical tip & 1.1 mm diameter | 10 |
| 9. Bipolar angled forceps | 4 |
| 10. Bipolar Bayonet forceps | 4 |

OTOLOGIC DRILL SYSTEM (ENT2106)

Motor control Unit with color display, touch screen, two motor outputs, integrated irrigation pump and SCB module, power supply 100-240 V, 50/60Hz including the following :

1. Mains cord
2. Irrigation rod
3. Two pedal footswitch, two stage with proportional function.
4. Silicon tubing set .

Touch screen 6x4”

Flow 9 steps

Dimensions wxhxd : 300x165x265 mm

Weight : maximum 5.2 kg

Certified to IEC-601, CE acc to MDD

High performance EC motor with following features.

1. Self controlling brushless high performance EC motor
2. Smallest possible dimension.
3. Autoclaveable
4. Can be processed in a cleaning machine.
5. Detachable connecting cable
6. Intra coupling enables wide variety of applications.
7. Maximum torque 4Ncm
8. No. of revolutions can be continuously adjusted up to 40,000 RPM
9. Possible to adjust the revolutions to 80,000 RPM with appropriate handle.

To be provided with connecting cable with the console.

Intra drill hand piece connecting cables to connect with the console.

Intra drill hand pieces with following features :

1. Tool free closing and opening of the drill.
2. Right/left rotation.
3. Max. Rotating speed 40,000 RPM
4. Detachable irrigation tubes.
5. Low vibration operation,
6. Low maintenance
7. Can be processed in cleaning machine
8. Safe grip

Straight short hand piece length 11 cm, transmission 1:1(40,000 RPM) for use with high performing motor and straight shaft burrs.

Angled short hand piece with length 12.5 cm, transmission 1:1 (40,000 RPM) for use with high performance motor and straight shaft burrs.

ADVANCED ENT WORKSTATION (ENT2107)

The ENT unit should essentially be made of steel casing, durable, sturdy and non-rust and must have PUR (Polyurethane) shaped top part, supplied with Portable Endoscopy System, Patient Treatment & Examination Chair and Doctor chair. Should have large instrument two storied surface with aluminium trays, set of stainless-steel dividers and plexiglass cover to protect instrument. One drawer as a writing surface. It should have integrated X-ray Viewer in a writing drawer with automatic on/off switch.

Compressed air unit should be a continuously adjustable 0.1 to 4 bar for usable with spray and politizers, have a pressure gauge, stainless steel hand pieces, the hand piece/ handles should only be made of stainless steel and **have** pressure limiter, three spray bottles. Stainless steel tank for compressed air with minimum 1.5 ltr. capacity. Compressor should be completely separated from the suction unit.

Separate inbuilt motor suction unit with min. 50 L/ minute with max. 90% vacuum and should have a vacuum gauge and have permanent bacterial filter, and 1.25L liquid container. Suction tube should have an automatic on off switch and a small ear rinsing funnel.

Mirror reheating unit should have 6V heating coil.

Suction tube cleaner with autoclavable, exchangeable, stainless steel adapter. The reservoir for the disinfection liquid (1.5 Ltr.) should be located in the service box.

Warm Water Rinsing Device, should be complete with chrome plated steel handle, autoclavable, snap closure system, to connect the tube, fine spray regulation valve. Water temperature 38°C, water heated in a separate stainless steel tank system, to prevent mineral built-up. System should include sinus drainage tube (Luer), as well as several front cannulas (Luer) and a water supply hose including permanent autoclavable water filter with cartridge. Temporary filters are not acceptable.

Automatic liquid container discharge system should be provided

Kidney shaped air rinsing funnel (spittoon) on a swivel support including ear wax separator with additional suction tube connected to the liquid jar.

Endoscopy Center with LED light source 2 outlets, with horizontal light outlet. Head Mirror Rest made of stainless steel, in a gallows shape type, with automatic on/off switch. 2 warming teflon quivers for rigid endoscopes. Thermostat heating of teflon quivers at 38°C with removable, disinfect able insert.

Swivel Support for additional equipment like ultrasound unit, endoscopy system etc.

Fiber optic head light adjustable & comfortable head band vertical and side to side adjustable.

Rigid Endoscopes:

- (0°, Dia 2.7 mm) Nasal Endoscope, Length 110-140 mm, Autoclavable
- (30°, Dia 2.7 mm) Nasal Endoscope, Length 110-140 mm, Autoclavable
- (0°, Dia 4 mm) Nasal Endoscope, Length 175-180 mm, Autoclavable
- (30°, Dia 4 mm) Nasal Endoscope, Length 175-180 mm, Autoclavable
- (0°, Dia 2.7 mm) Oto Endoscope, Length 50mm, Autoclavable
- (30°, Dia 2.7 mm) Oto Endoscope, Length 50mm, Autoclavable
- (90° ,Dia 10 mm) Tele-Laryngo- Pharyngoscope with variable magnification, Autoclavable
- All Endoscopes should comply and certified for USFDA or BIS or European CE with 4 digit number issued from a notified body

HD Endoscopy Monitoring & Recording System integrated on swivel support of the ENT Unit. Full HD C-MOS chip camera, to fit into any international standard endoscope.

Must have a tiltable touch screen monitor of 15" swivel mounted, provision to connect 2 additional monitors (any size 21" or 23") and 2 additional cameras. Result finding tagging by touching the image (Finding Finger Tip Marker). Integrated intuitive software for application, patient management, examination data (storage on USB stick) operated by touching the touch screen (even with gloves on) or wireless mouse and keyboard or foot switch.

Taking videos and still photos (MPEG, JPEG & Full HD) and provision to create photo from recorded videos. Comparing 4 stills of results, single image view and zoom.

It should have internal SSD memory up to 1 TB for approx. 15 hours of video recording or 10,000 high quality images. Resolution 1920x1200 pixels, full HD 2.23 MP. Viewing angle: 178° horizontal and vertical. It should have custom designed lockable special case for keeping the unit and taking to OT or Patient Ward.

Patient Examination & Treatment Chair should have motorized lifting mechanism. The adjustment of seat height should be 30cm, within a range of 51cm to max . 71 cm height. Brake for locking the seat. Provision for external footswitch. The seat should be completely rotatable, 360 ° with 90 °. Backrest should be inclined to horizontal position and must have minus to Trendelenberg position for a collapsing patient . The Chair must be equipped with a motor support for simultaneous movement of back and footrest. The seat should have synthetic leather cover

Doctor's Chair with pneumatic cylinder with adjustable seat height up to 75cm, mobile on castors with steel chrome plated parts be supplied with the ENT Unit.

Microscope:

- The Microscope should be Unit mounted for easy positioning.
- With 3 step magnification changer.
- Inbuilt LED light source.
- 10X Object F = 200-300 mm with fine focusing
- Binocular vision
- Automatic Switched on/off from control panel and on the movement of the microscope suspension arm
- Green filter
- Beam splitter to connect with the HD Camera
- Eyepiece for spectacle wearers
- Spare Light Cable for Microscope-02 nos
- Power supply: 220-240 volts/50Hz
- The Microscope should comply and certified for USFDA or BIS or European CE with 4 digit number issued from a notified body

Online UPS:

Online 5KVA UPS with 15 min backup.

HF/RF Cautery unit:

The Cautery unit should be housed inside/ Integrated to the workstation/cabinet

The Cautery unit should be 80W or more for use in ENT procedures.

Should be with both Monopolar and Bi-Polar settings

- Should be supplied with reusable cables and patient plate
- Unipolar- Nasal electrode, Ball tip, length 9-10 cm-Qty-2
- Unipolar- Nasal electrode, Needle tip, length 9-10 cm-Qty-2
- Bi-polar- Coagulating forceps, insulated, straight shaft, tip dia 1.2 mm, length 15-16 cm-Qty-2
- Bi-polar- Coagulating forceps, insulated, straight shaft, tip dia 1.2 mm, length 15-16 cm-Qty-2
- Bi-polar- Coagulating forceps, insulated, blunt, tip dia 1.2 mm, length 15-16 cm-Qty-2
- Power supply: 220-240 volts/50Hz

Separate Instrument Cabinet:

- Separate Large Instrument Cabinet with set of autoclavable and removable stainless steel trays and dividers
- Large instrument surface in 2 or more levels with indirect LED illumination
- 2 or more large Drawers for storage, self and soft closing.
- Plateau/ Shelf for keeping additional devices.
- Column with swivel arm for attaching monitor.

Terms and conditions:

- All supplied equipment's should comply and certified for USFDA or BIS or European CE with 4 digit number issued from a notified body
- Warranty 5 years from the date of installation and should cover all items supplied in the set.
- List of consumables should be mentioned separately.
- An undertaking to be provided by the principal/manufacturer of the system for availability of spares for 10 years for the date of installation.
- List of installation of the quoted model (national and international) to be provided.
- All equipment's should be supplied or manufactured by one principal company to ensure efficient warranty terms.

Micro saw and Microdrill specification (ENT2108)

- The console should be high quality standard with integrated 8 roller pump for controlled irrigation.
- Cleaning spray and attachments for the motor & Hand-Piece should be provided as standard package.

- Instruments should be made of high-quality surgical steel and with alloy inserts as necessary.
- There should be minimum or no vibrations in the motor & Hand-Piece during operation.
- The instruments should be with European CE (ENCERTIFIED) or USFDA certification.
- Basic control unit with forward and reverse speed able to take >80,000 rpm hand-pieces.
- Motor unit should be light in weight, autoclavable and speed from 100rpm to 40,000rpm.
- Should fit all the Hand-Pieces listed below.
- Connecting cable should be Autoclavable and 2-3 meter in length.
- Sturdy foot switches with full function and control of irrigation, speed, Hand-Piece selection, program etc.

Micro Reciprocating Saw:

- Should cut in a perpendicular line.
- Should have speed not more than 14000 cutting per minute.
- Snap-Lock assembly and disassembly of all attachments.
- Sterilizable through steam, ETO and flash.
- Should be supplied with following size of blades:
 1. Working Length: 18-20 mm, Thickness: 0.25-0.36 mm.
 2. Working Length: 22-24 mm, Thickness: 0.25-0.36 mm.
 3. Working Length: 26-28 mm, Thickness: 0.25-0.36 mm.

Micro Oscillating Saw:

- Should cut in a right angle.
- Should have speed not more than 20000 cutting per minute.
- Snap-Lock assembly and disassembly of all attachments.
- Sterilizable through steam, ETO and flash.

Micro Sagittal Saw:

- Should cut in a same horizontal plane.
- Should have speed not more than 25000 cutting per minute.
- Snap-Lock assembly and disassembly of all attachments.
- Sterilizable through steam, ETO and flash.
- Should be supplied with following size of blades:
 1. Working Length: 10-12 mm, Thickness: 0.35-0.45 mm.
 2. Working Length: 15-17 mm, Thickness: 0.35-0.45 mm.
 3. Working Length: 27-29 mm, Thickness: 0.35-0.45 mm.

Core Micro Drill:

- Drill Hand-Piece speed range from 50000 to 60000rpm.
- Accepts all straight and angled Hand-Piece attachments.
- Snap-Lock assembly/disassembly of all attachments.
- Sterilizable through steam, ETO and flash Autoclavable.
- Should be able to accept medium/long straight and angled attachments.

Drill Hand-Piece (Straight):

- Hand-Piece should be straight for easy handling.
- Maximum rpm should be 40000-60000.

- Length should be 11cm.
- Should be compatible with straight shank burrs.
- Should be compatible with drill bit size: 1mm to 7mm

Drill Hand-Piece (Angled):

- Hand-Piece should be straight for easy handling.
- Maximum rpm should be 40000-60000.
- Length should be 12.5cm.
- Should be compatible with straight shank burrs.
- Should be compatible with drill bit size: 1mm to 7mm

Connecting Cord:

- Dot-to-Dot type push-pull connectors at both ends.
- Autoclavable.

Attachments for Different Surgeries:

- Medium straight Attachments-1
- Long straight Attachments-1
- Angled straight Attachments-1

Cutting Accessories:

- Diamond Burrs-5 pcs
- Cutting Burrs-5 pcs

Electric Controller:

- Should have touch screen display control for incorporating multifunction into systems.
- Should have interactive icons representing system components and functions.
- Output should represent in digital figures.
- Supply should be 220-240V only 50-60Hz.
- Should be able to identify different Hand-Pieces with display on console.
- Should have function of controlling brightness, contrast and alarm volumes on the console.
- Should be programmable as per surgeon preference.

Footswitch:

- Should have fully programmable footswitch as user need.
- User should be able to control following functions via footswitch-
 1. Forward
 2. Reverse
 3. Oscillation
 4. Switch over to High/Low speed
 5. Increase or decrease speed
 6. Increase decrease water flow rate

Drill Bits:

- Sterilisable
- Standard straight shaft burrs, stainless, sizes 006-007, length 7cm.
- Tungsten carbide burrs, stainless, sizes 006-007, length 7cm.
- Diamond straight shaft burrs, stainless, sizes 006-007, length 7cm.

Specifications of hearing and analyzer (ENT2109)

It should have:

- PC interface, Intuitive, User-Friendly, Easy Software Updates.
- USB connection, Simple One Cable Computer Hook-Up.
- Computer printed reports.
- Multiple test setups- User selectable tests allow testing.
- Flexibility and Customization.
- NOAH, TIMS, Blue Print and Sycle. Net Compatible.
- ANSI/IEC Hearing instrument testing.
- Superior acoustic isolation for fast accurate testing.

It should have feature of following measurement:

- OSPL-90
- Frequency Response i
- Input/Output (AGC)
- Induction Coil
- Full on Gain
- Equivalent Input Noise
- Battery Current Reference
- Test Gain Harmonic Distortion
- Attack/Release

Standards:

- Hearing Aid Analyzer as per AN S3.22-2009, IEC 60118-7 2005
- Speaker Output: max 95 dB SPL
- Frequency Range: 125 Hz-8000Hz $\pm 0.5\%$
- Coupler Mic: Max Input Level: 140dB SPL
- Reference Mic: Omni Directional Microphone

Battery simulator output:

- Adjustable Output Voltage: 0.1V-1.5V in 100m steps Accuracy $\pm 5\%$
- Current Measurement: 20 μ A-20mA Accuracy $\pm 5\%$
- Battery Pills Provided: 10A, 13, 312 and 675
- Magnetic Loop: 31.6 mA/m Magnetic Strength, per ANSI Standard
- Communication Port: USB
- Power Requirement: USB Power
- Dimensions: Approx. 24cm x 25cm x 16cm (LxWxH)
- Net Weight: Approx. 1.8 Kg/ Approx. 7lbs
- Enclosure: Acoustically dampened enclosure

| |
|--|
| Computer requirements(Computer to be supplied)- Windows 7/8/10 operating system, Minimum-4GB, Minimum 5 GB available Hard Disk space, Minimum XGA display (1024x768) resolution). Two free USB ports. Removable media network drive or secure internet storage site for data back-up (Desirable) |
| Power Requirement- 110-220 VAC. 50-60 Hz, 3.2 A Max. |
| Standards Compliance |
| Safety Standards- EN60601-1 Class-II, Type-BF |
| EMC Standard- EN60601-1-2 |

Technical specifications of Electro-Acoustic Unit-ASSR (ENT2110)

| S.No | Specifications Of ASSR |
|------|---|
| 1. | Number of Channels: 2(with upgrading facilities) Acquisition mode: 12 bit ADC Optically isolated. |
| 2. | Acquisition mode: 16 bit ADC Optically isolated. |
| 3. | CMR (common mode rejection): >100Db |
| 4. | Low Pass Filter: From 5Hz to 5000Hz programmable |
| 5. | High Pass Filter: OFF to 500Hz programmable |
| 6. | Full-featured screening and diagnostic Auditory Steady State Response System <ul style="list-style-type: none"> Provides quick, accurate threshold detection using automated statistical analysis. Test both ears at the same time, four frequencies per ear. iChirp (Broadband & Frequency specific) for robust amplitudes and harmonic component analysis for improved threshold detection and reduced test times . Automated audiogram generation in SPL and HL. Cost effective add-on to SmartEp |
| 7. | Gain: 100K HighPass Filter: 30Hz Low Pass Filter: 300Hz Stimulus Clicks, Tones, iChirps and User-Defined files. Frequencies: 250,500,1000,2000,4000 and 8000 Hz. Simultaneous testing of both ears Test Up to four frequencies per ear. |
| | Should be able to perform single frequency (Phase Coherence) and multi frequency ASSR (using F-test both) |
| | Should be European CE & US FDA approved. |
| | Accessories to include- cup EP electrodes, Insert earphone 3A, |

| | |
|--|---|
| | conduction paste and abrasive paste. |
| | Computer requirements(Computer to be supplied)- Windows 7/8/10 operating system, Minimum-4GB, Minimum 5 GB available Hard Disk space, Minimum XGA display (1024x768) resolution). Two free USB ports Removable media network drive or secure internet storage site for data back-up (Desirable) |
| | Power Requirement- 110-220 VAC. 50-60 Hz, 3.2 A Max. |
| | Standards Compliance |
| | Safety Standards- EN60601-1 Class-II, Type-BF |
| | EMC Standard- EN60601-1-2 |

Specifications of Speech Trainer with delayed Auditory Feedback (ENT2111)

CD Input : Microphone inputs for Teacher & Student

Headphone Output: Channel selection:L,R, L+R

Tone Controls(H.N.L) LCD Backlight 2 rows 16 characters with cursor bar graph

VU Meter for MIC signal

| | |
|---|---|
| Inputs | 2x microphone Input for Teacher & Student, 1x CD (stereo) Input |
| Outputs | Headphone (stereo) Output for Student |
| Tone Controls | Independent Tone Controls for High/Normal/Low level for each channel |
| Channel Selection | Headphone Channels can be selected L only (left), R only (right), both L+R (left + right) |
| Digital Scale Controls | 2x Settings keys for both Microphone & CD inputs |
| Digital Output dB level controls | 4 UP/DOWN keys for each channel |
| Display | 16x 2 LCD Display showing Db level scale settings for Microphone CD inputs Bar Graph for output of Db level |
| Operating Power | 9V DC 2 Amp |
| Mechanical Dimensions | 220(W) x 150(D) x 45(H) mm |
| Weight | 1.5 Kg |

Speech Lab - Speech Analysis Software: (ENT2112)

Specifications:

Computerized Speech Lab, CSL

- a. Gold Standard hardware and software solution for accurate capture and playback of acoustic signals of speech and voice production.
- b. Designed for the research environmental and a tool for collecting quantitative objective data for documentation and research purposes via well established methodologies.
- c. Acoustic hardware must provide level of confidence during signal acquisition.
- d. Advanced audio capture technology optimizing recording but audio playback as well.
- e. Precise sampling rates to ensure no alteration of the signal during capture so that it will allow measuring of even the smallest amount of noise or perturbation in the voice, which is critical for accurate and repeatable results.
- f. Must comply with industry recommendations for measures of patient performance that may be compared to normative data. This includes calibrated SPL range, habitual fundamental frequency, motor speech, and cepstral-based voice quality measures.
- g. 2- or 4- line input channels for multiple signal acquisition and DC coupling for low-frequency signals.
- h. Precision microphone for superior noise suppression and a professional grade speaker to ensure high-fidelity feedback. The following software compatible with CSL.

Multi-Dimensional Voice Program:

- a. 22 voice parameters must be calculated in seconds.
- b. Must have basic and advanced version.
- c. Compatible with the computerized speech lab mentioned above.
- d. Quick and easy to use.
- e. Windows version must graphically compare the subject's voice parameters with normative threshold or with average norms and standard deviations.
- f. A report generator must be included for direct printing.
- g. Provide a radial graph which can be inserted in word processing documents generating a comprehensive report that contains examiner.
- h. Comments, the graphic display, and numeric results can be easily generated.
- i. Must have its references in peer-reviewed professional journals establishing its reliability, the value of multiple parameters, and its efficacy.

Real Time Spectrogram Software:

- a. Compatible with computerized speech lab mentioned above.
- b. Must provide a dual-screen, real-time, scrolling, spectrographic display of speech during input.
- c. Wide band and Narrow band spectrograms display.
- d. Spectrogram parameters such as color, dynamic range, and transform sizes (e.g. Wideband vs. Narrow-band) may be adjusted.
- e. A full-screen spectrogram can be analyzed with the time axis adjustable from one to four seconds.

- f. Options for ideal clinical biofeedback of vowels and consonants, classroom training, forensic screening and for quickly previewing taped samples.
- g. A classic display of acoustic signal with protocols for patient feedback.

Auditory feedback tool software:

- a. Compatible with the computerized speech lab mentioned above.
- b. Must provide reliable auditory feedback for use with stuttering therapy and other conditions.

Voice Game:

- a. Compatible with the computerized speech lab mentioned above.
- b. Easy to use.
- c. 10 real-time games for speech therapy tasks.

Real time pitch:

- a. Compatible with the computerized speech lab mentioned above.

ENT Diagnostic & Treatment Unit with Endoscopy System (ENT2113)

Mobile ENT unit usable for outpatient clinic and it should be mobile on antistatic rubber wheels for adopting any convenient location. The unit must be compact and complete casing and top must be made of durable steel. The unit required is intended for the diagnosis and therapy of ear, nose and throat diseases. The intended use including politzerizing and spraying liquid, suction of liquids, rinsing water with warm water rinsing device, storing and preheating instruments and scopes, disposing used instruments and waste etc. The unit must have individual motor for each single function like suction system, compressed air and ear rising funnel etc. so that the unit keeps on functioning normally even if temporarily one motor fails.

Compressed air unit, continuously adjustable from 0.1-4 bar (spray/politzer), stainless steel fine regulation hand piece with pressure limiter and 3 spray bottles. The chrome plated steel handle is adjustable to politzer olives. The unit should have integrated tank system to produce oil free compressed air.

Suction unit silently motorized, 91% max. vacuum, 58 Ltr./min., permanent autoclavable bacterial fitter, double overflow control fuse, 1.25 ltr. liquid container. The suction tube is equipped with an automatic on/off switch for the vacuum function.

Suction tube cleaner with autoclavable, exchangeable, stainless steel adapter. The reservoir for the disinfection liquid (1 Ltr.) should be located in the service box.

Disinfecting Quivers for 2 endoscopes.

Mirror re-heater should be integrated on the top of the unit.

Spittoon (Kidney Funnel) on swivel support and connected to the liquid jar..

LED light source with two outlets. **Head Light** with auto head rest and fiberoptic cable (length min. 2 meters).

Swivel Support for additional equipment like ultrasound unit, endoscopy system etc.

Warm Water Rinsing Device, should be complete with chrome plated steel handle, autoclavable, snap closure system, to connect the tube, fine spray regulation valve. Water temperature 38°C, water heated in a separate stainless steel tank system, to prevent mineral built-up. System should include sinus drainage tube (Luer), as well as several front cannulas (Luer) and a water supply hose including permanent autoclavable water filter with cartridge.

Fiber optic head light adjustable & comfortable head band vertical and side to side adjustable.

HD Endoscopy Monitoring & Recording System integrated on swivel support of the ENT Unit. Full HD C-MOS chip camera, to fit into any international standard endoscope. Must have a tiltable touch screen monitor of 15" swivel mounted, provision to connect 2 additional monitors (any size 21" or 23") and 2 additional cameras. Result finding tagging by touching the image (Finding Finger Tip Marker). Integrated intuitive software for application, patient management, examination data (storage on USB stick) operated by touching the touch screen (even with gloves on) or wireless mouse and keyboard or foot switch. Taking videos and still photos (MPEG, JPEG & Full HD) and provision to create photo from recorded videos. Comparing 4 stills of results, single image view and zoom. It should have internal SSD memory up to 1 TB for approx. 15 hours of video recording or 10,000 high quality images. Resolution 1920x1200 pixels, full HD 2.23 MP. Viewing angle: 178° horizontal and vertical. It should have custom designed lockable special case for keeping the unit and taking to OT or Patient Ward.

ENT Patient Treatment Chair should be motorized and ergonomically designed.

Should have stable steel casing guaranteeing stability and strain durability. Armrest should be comfortably padded and can be folded back for enabling easy sitting of overweight or handicapped patient.

- The seat should have motorized lifting mechanism, adjustment of seat height by 30cm within a range of 51cm to maximum 81cm height so that no additional seat accessories are needed for examining children.
- Should be equipped with a brake for lacing the seat at both sides (left and right), must have integrated foot switches for easy adjustment of the height. Chair should have also provision for external footswitch.
- The seat should be completely rotatable 360 degree with 90 degree location mechanism and must have lockable facility for rapid changes of position. Backrest should re incline to horizontal position and must have provision of

minus to Trendelenburg position for collapsing patient and adjustable head rest.

Doctor Chair adjustable backrest, adjustable seat height from 51cm upto 75cm, seat diameter 40cm, mobile on 5 safety casters, steel parts chrome plated, synthetic leather cover.