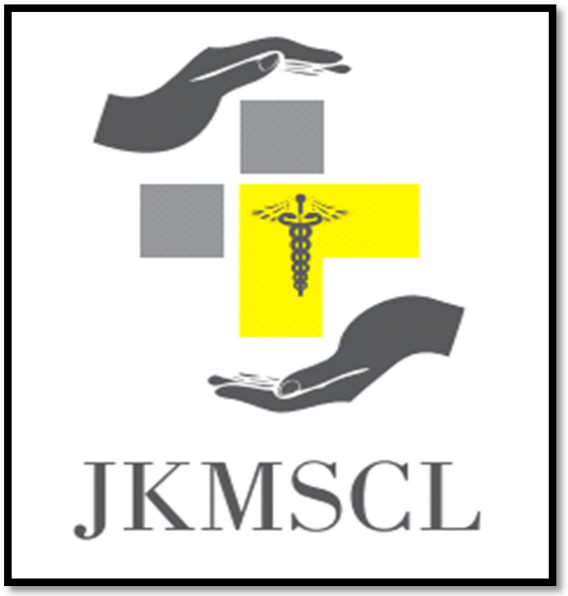
JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.
(Public Sector Undertaking of the Government of Jammu and Kashmir)
Corporate Head Office: Plot No. 58, Friends Colony Satyam Road Trikuta Nagar Jammu
Corporate Office: Opposite J&K Motor Garage Deptt near Hajj House Bemina Srinagar
Telephone: 0191-2478842; 191-3510489 (Jammu), 0194-2490662 (Srinagar)
email:mdjkmscl2@gmail.com; ismjkmscl2018@gmail.com**website**: www.jkmsclbusIness.com



E-BID FOR THE PROCUREMENT OF MACHINERY & EQUIPMENTS

(REFERENCE NO: NIT/JKMSCL/M&E/2023/ 605 DATED: 19/10/2023

LAST DATE OF SUBMISSION OF ONLINE BIDS: 30-11-2023 upto 1600 hrs

Important Note: *Each page of e-Bid should be properly page marked and indexed. Page Number should be reflected at the bottom of each page. All documents requested in "Annexure-II", should be reflected in the column mentioned against each (Page No. ___). Any deviation may result in rejection of the bid and the bidder shall be solely responsible for the same.*

BIDDING DOCUMENT FOR PROCUMENT OFMACHINERY & EQUIPMENTS

Table of Contents

*(**To be submitted on letter head of Firm**)*

Bid Submission Letter
(Declaration Form)

Sub: - Regarding Bid submission for **NIT/JKMSCL/M&E/2023/ 605** **DATED 19 -10-2023**

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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email:mdjkmscl2@gmail.com; ismjkmscl2018@gmail.com**website**: www.jkmsclbusIness.com

Tender No. NIT/JKMSCL/M&E/2023/605
Dated: 19 /10/2023

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.jkmsclbusiness.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/RTGS only** 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**. along with the submission of requisite valid documentary proof.

- **IMPS mode of transfer is not verifiable and hence shall not be entertained as tender fee or tender processing charges. Bidders claiming to submit money through IMPS Mode shall be out-rightly rejected.**
- **DD as mode of payment for cost of tender/tender processing fees/Bid Security shall only be entertained if the same is deposited physically against proper receipt in the Corporate Office of JKMSCL, before the closing due date of e-bid.**
- **Bid Security** Rs. 1,00,000.00 in the form of FDR/CDR/BG/RTGS/NEFT (FDR/CDR from scheduled/Nationalised Bank / BG from Nationalised Bank) with validity of 30 months. Bids submitted without sufficient bid security & validity shall be summarily rejected. **Firms which are registered as (Micro and Small Enterprise) MSEs Unit(s) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) shall be considered for Exemption of bid security including tender fee of Rs. 1000/- as per provisions of MSME Policy. Tender Processing charges of Rs. 9000/- is to be paid by the MSE Unit(s) also.**
- Physical hard copy of Bid Security in form of FDR/CDR/BG may be submitted to the Corporate Head Office before closing the due date of e-bid. Scanned copy of the same shall be uploaded along with Technical Bid, failing which bid shall be out rightly rejected.
- **The bidders seeking EMD exemption must submit the valid supporting document for the relevant category. Under MSE category only manufacturers for goods and service providers for services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.**
- **Scanned copies of NEFT/RTGS/Bank Transfer/Receipt towards the cost of tender documents and tender processing charges shall have to uploaded along with Technical Bid, failing which bid shall be out rightly rejected.**

Sd/-
Managing Director
Jammu and Kashmir Medical Supplies Corporation Ltd.

Note: ***The bidders who opt to bid for multiple manufacturer shall have to provide complete details of each manufacturers in a systemic way covering all documents asked in Cover-A. Separate sheet shall have to be attached for every individual item.***

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email:mdjkmscl2@gmail.com; ismjkmscl2018@gmail.com**website**: www.jkmsclbusIness.com

BIDDING DOCUMENT FOR
Procurement of Machinery & Equipment

Tender No.NIT/JKMSCL/M&E/2023/	**:20-10-2023**
Date of publication of e-bid	: 20-10-2023
Start date and time for download of bid document	: 20-10-2023
Last date and time for download of bid document	: 30-11-2023 at 1600 hrs
Clarification start date	: 20-10-2023 at 1100 hrs
Clarification end date	: 04-11-2023 upto1400 hrs
Pre- bid conference	: **04-11- 2023 AT 11.00 A.M (at Corporate Office, Jammu/Srinagar) Google**
Code(https://meet.google.com/qtk-ckxy-yuq)	
Start date and time for submission of online bids	: 20-10-2023 at 1500 hrs
Last date and time for submission of online bids	: 30-11-2023 at 1600 hrs
Date and time for online opening of technical bids	: 02-12-2023 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 taxation department 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: -

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 (i.e upto 4.00 P.M of Pre-bid date). Bidders are requested to submit their queries/clarifications by or before the date fixed (mentioned above), so that the same can be discussed and clarified during the Pre-bid meeting.**
2. **E mail id for queries (if any) prebid.jkmscl@gmail.com**

TABLE-1

S. No.	Item code	Name of the item	Average Annual turnover for last 03 years
1	MC01	DISPOSAL DESTROYER SYSTEM (Needle Blaster)	05 Crore
2	MC02	ND-Yag Laser/Slit lamp system for Ocular use	05 Crore
3	MC03	Water Purification System	05 Crore
4	MC04	4 MM 30° Nasal Endoscope	05 Crore
5	MC05	Mould Room Equipment:	05 Crore
6	MC06	High Fidelity Full Body Patient Communication Simulator with Artificial Intelligence	05 Crore
7	MC07	Anaesthesia Work Station (basic)	05 Crore
8	MC08	Truelab Quattro Real Time Quantitative micro PCR Analyzer.	05 Crore
9	MC09	ADULT & PEDIATRIC VIDEO ENDOSCOPE	05 Crore
10	MC10	Ultrasound Processor EU ME3	05 Crore
11	MC11	Ultrasonic Video Gastro Endoscope Linear, GF UCT 180	05 Crore
12	MC12	Mobile C-Arm with Flat Panel System with true counter balanced	05 Crore
13	MC13	Electro Surgery Diathermy With Argon Plasma Unit	05 Crore
14	MC14	Laboratory Water Purification System.	05 Crore
15	MC15	GEL Documentation System (GEL DOC)	05 Crore
16	MC16	Single Chamber External Pace Maker	05 Crore
17	MC17	Automated Glycohemoglobin analyzer with 1kv power backup online UPS and computer system with printer	05 Crore
18	MC18	Fully Automated, Dedicated HPLC Analyzer for Direct Estimation of Stable A1c	05 Crore
19	MC19	OT TABLE for State Cancer Institute	05 Crore
20	MC20	Cold storage for preserving Dead Bodies	05 Crore
21	MC21	Floor Mounted Weighing Machine for Dead Bodies	05 Crore
22	MC22	Autopsy Station/Tables	05 Crore
23	MC23	Hydraulic Trolley	05 Crore
24	MC24	Mortuary trolley for shifting dead bodies	05 Crore
25	MC25	Grossing station	05 Crore
26	MC26	Autopsy Saw with Accessories	05 Crore
27	MC27	Weighing Machine For Organs	05 Crore
28	MC28	LOW TEMPERATURE HYDROGEN PEROXIDE GAS PLASMA STERILZER	05 Crore
29	MC29	Broad based QR for weight bearing MRI with tilting Hydraulic Magnet Mechanism from 0°-90°	05 Crore
30	MC30	RADIATION THERAPY BEAM ANALYZER(Dosimeter)	05 Crore
31	MC31	Flexible Video Bronchoscope	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 EMD in separate envelopes, 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 any compensation from the Jammu & Kashmir Medical Supplies Corporation Ltd.**

D I S C L A I M E R

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 any 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 receipt for cost of tender, tender processing fee 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 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.
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 gmkjkmscl1@gmail.com/ jkmsclepm@gmail.com / gmjjkmscl@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 gmjjkmscl@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 Union Territory of J&K. 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 along with 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	**Important Instructions to bidders** **The bidders shall have to abide the clauses/restrictions in terms 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.** **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** **Model Certificate for tenders** *"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."* **Model Certificate for Tenders** *"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"*

Section-II: Bid Data Sheet (BDS)
Table of Contents

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 an 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:-** Client Base on Letter Head of the Bidder / Manufacture/Indian Subsidiary of Principal Manufacturer with references of the supply orders, for any of the three years in last five years along with satisfactory performance certificate of minimum one installation **(Copies of reference supply orders and satisfactory performance certificate need to be attached)**
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 Latest 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 along with 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.e.* 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).
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, 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

(**Annexure I)**

On Firm's letter head

LIST OF ITEMS QUOTED IN THE BID

S. No.	Tender Sr. No.	Code	Name of Item	Manufactured By	Imported by	Make & Model quoted/ offered	**Quality Certification**				
							BIS License	ISO	CE	USFDA	Any Other

Seal & Signature
(Authorised Signatory)

Annexure II

(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/We ……. ……have 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 120 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 3% 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	Manufacturer			
			M1	M2	M3	M4
1.	Bid security (as mentioned above)					
2.	Cost of Tender & Tender Processing charges					
3.	List of Items quoted by the Bidder mentioning name of manufacturer/ importer with make & model as per annexure.	Annexure I				

4	Copy of Catalogue of the Quoted product (self attested)					
5	Compliance Sheet for each equipment (self attested)					
6	Technical bid submission sheet duly filled	**Annexure II**				
7	Financial bid (To be uploaded in BOQ only)	**Annexure III**				
8	**Declaration 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 duly notarised.	**Annexure IV A**				
9	**Declaration for Latest Non Conviction, non blacklisting on non judicial Stamp paper of Rs 100 furnished by the Bidder** as per proforma duly notarised.	**Annexure IV B**				
10	Client Base on Letter Head of the Bidder / Manufacture/Indian Subsidiary of Principal Manufacturer with references of the supply orders, for any of the three years in last five years along with satisfactory performance certificate of minimum one installation **(Copies of reference supply orders and satisfactory performance certificate need to be attached)**	**Annexure V**				
11	**Authorisation from principal manufacturer / Importer** *(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* ***(strictly as per annexure VI)***	**Annexure VI**				
12	Average Annual Turnover Statement for Last 3 financial Years of the Indian Subsidiary of Principal Manufacturer/ Sole Importer issued by Chartered Accountant/competent authority with UDIN (2020-21, 2021-22 and 2022-23). ***In case of foreign manufacturer the turnover of Indian Subsidiary/Sole Importer only shall be considered and not of the original manufacturer.***	**Annexure VII**				
13	Copies of Audited Balance sheet & profit loss account for last three financial years certified by Chartered Accountant of the Importer/ Indian Subsidiary for (2020-21, 2021-22 and 2022-23) with UDIN. ***In case of foreign manufacturer the balance sheets of Indian Subsidiary/Sole Importer only shall be considered***					
14	Nature of the Firm/Public Company / Private	**Annexure**				

	Company/ Partnership/ Proprietorship/any other with Documentary proof.	**VIII**				
15	Self attested photocopy of IEC certificate and Permission/ Authorization for sale for sale from the foreign principle manufacturer (in case of imported product)	**Annexure A (if applicable)**				
16	Copy of GST Registration of the Bidder	**Annexure B**				
17	Latest GST Returns of the Bidder	**Annexure C**				
18	Copy of the PAN Card of the Bidder	**Annexure D**				
19	Quality Certifications on the products viz. ISI/CE/USFDA etc. whichever applicable.	**Annexure E**				
20	Name, photograph & specimen signature of the designated officer/ representative of the Bidder who is authorized to make correspondence with the JKMSCL, if any.	**Annexure F**				
21	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)	**Annexure G**				
22	Declaration of bidder regarding acceptance Bid for terms & conditions	**Annexure A1**				
23	Registration of Medical Devices under Medical Device Rules 2017, if applicable for the product.					

Important Note

1. **The Bidders who opt to bid for multiple manufacturers shall have to provide complete details of each manufacturer in a systemic way, sequentially, covering all documents asked in Annexure "II".**
2. **Please Note the Annexure A"II" should be properly filled showing the page number when the asked document has been attached. All the documents attached with the technical bid should be properly page numbered.**

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..... *of Firm)*.....
Dated..... Tel:.....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 AII duly filled shall need to be uploaded alongwith e.bid ; otherwise no representation in this matter shall be entertained in the later stage.

Annexure III

ITEM WISE FINANCIAL BID (BOQ)

For Uploading Rates of Equipment

Please read the amended BOQ as follows:

i) The rates shall be quoted in the BOQ as per format mentioned below.
ii) The rates of the accessories, if any, shall be quoted cumulative as per NIT.
iii) The rates of the India items, if any, shall be quoted cumulative as per NIT

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
1	Main item													
2	Accessories, if any.													
3	Indian items, if any													
5.	Optional Items, if any													
6.														

CMC for Ist Year	CMC for 2nd Year	CMC for 3rd Year	CMC for 4th Year	CMC for 5th Year	Total amount CMC
14	15	16	17	18	

Note: -

1. The rate quote should be as per BOQ.
2. CGST, SGST or IGST should be separately shown in absolute amount only.
3. Rate should be quoted only for packing units as mentioned in the bid
4. No quantity or cash discounts should be offered.
5. Read all the terms & conditions before filling the Annexure III.
6. Please quote rates in absolute amount only.
7. Please quote rates per unit only
8. The bidder shall not under any circumstances quoted "Zero" anywhere in the BOQ.
9. Finalization of the rates shall be made on the basis of price quoted in BOQ
10. Custom duty, if applicable shall be indicated separately.
11. The final rates quoted at Column No. 13 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.
12. **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 rates quoted for the <u>CMC (Comprehensive Maintenance Contract)</u> and <u>Optional items</u> shall not be considered for finalizing/deciding L1 rates.**

14. **Warranty of 05 years shall be applicable.**

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

<u>(For Imported equipment)</u>

100% payment shall be released against 20% Bank Guarantee valid for a period of 12 months, to be submitted by the bidder. The BG shall be released on successful installation of the Machinery

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

1. At site LC would be opened.
2. A level vessel would be used for shipment of supplies which should not be more than 15 years old.
3. 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 per 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 price of the manufacturer applicable in within India.
9. ***The L1 shall be calculated on the basis of conversion of currency as on date of opening of financial bid.***

<u>Delivery Period</u> shall be 60 days for Indian Items and 90 days for Imported items.

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

<u>Important Note : Besides custom duty, the firm shall also mention Health cess and Social Welfare cess amount as applicable. Demurrage charges or late fee will not be paid by JKMSCL.</u>

Note: The L1 of the Instruments shall be ascertained as per the cumulative rates on complete set basis. No individual (instrument) L1 rates shall be considered. The bidders have to quote minimum 95% of the instruments for qualification in the complete set.
Only the Rates reflected in the comparative sheet in the BOQ (as per format uploaded) shall be considered for ascertaining L1. No Separate rates quoted by the bidders in the BOQ shall be accepted.

Annexure IV A

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 warranty/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.

3. 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.
4. 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, Annexure 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

Annexure IV B

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 *(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 up to 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

Annexure V

Client Base (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 for the offered equipments are as under **{Client Base of the Bidder/Manufacturer/Indian Subsidiary of Principal Manufacturer with reference of the supply orders, for any of three years in last five years along with satisfactory performance certificate of minimum one installation. *(Copies of reference supply orders and satisfactory performance certificate need to be attached)*} :-**

Item Code	Name of the Item	Client list	Reference to supply order

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 as mentioned above.
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 :

Signature of bidder with Seal.

Annexure VI

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 by 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).....

Annexure VII

((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.	1st year	
2.	2nd year	
3.	3rd year	
	Total -	_____Lakhs

Average gross annual turnover _____Lakhs

Note :

1. To be prepared strictly as per returns filed with Taxation Department & the stamen 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 Annul 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 out rightly rejected.**

Date Signature of the bidder Signature of Auditor/Seal
Chartered Accountant
(Name & Address.)
Tel. No.
UDIN NO.

(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

Section V: Schedule of Supply

Table of Contents

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/Warranty period starts from the date of successful installation for a period of Five years.
1.4	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	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.
2.3.2	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% 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.	**Packing specifications** Schedule for packing – General specifications 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 **"JKMSCL Supply" for the year, "Not for Sale "** 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. **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.**
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.
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	**<u>For Payment through Letter of Credit (for imported items only)</u>** ***100% payment shall be released against 20% Bank Guarantee valid for a period of 12 months, to be submitted by the bidder. The BG shall be released on successful installation of the Machinery*. Letter of credit would be opened subject to following additional conditions**:- 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.*** 6. ***The charges of the L.C charged by the Govt. shall be borne by the firm.*** **<u>For Indian items</u> :** Payment shall be made after successful installation and commissioning of the equipment duly certified by Head of the concerned department.
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 e uploaded along with 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 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 a nd 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 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. 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.
2.8.6	LD for damaged packing or loose packing equivalent to 2 % 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: A-III (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 along with 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
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)

Table of Contents

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
1.	**Definitions**
	The following words and expressions shall have the meanings hereby assigned to them: **'Act/Rules'** means Acts & rules prevailing in J&K Union Territory in terms of procurement. **'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. **"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. **"Contract Documents"** Means the documents listed in the agreement, including any amendments thereto. **"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. **"Day"** Means calendar day. **"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. **"GCC"** Means the general conditions of rate contract. **"SCC'** Means the special conditions of rate contract". **"Goods"** Means all of the commodities, raw material, machinery and equipment, documents, warrantees and /or other materials that the supplier is required to supply to the Procuring Entity under the Contract. **"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). **"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, including its legal successors or permitted assigns, to whom any part of the goods to be supplied is subcontracted by the supplier.

	"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. **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. **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. **"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. **"Consignee"** Means the receiver of the stores as mentioned in supply order.
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

2.6	The bidder shall also submit the following documents and certificates along with the bid as per technical bid submission letter :- **(i)** A combined undertaking/declaration regarding that the quoted item : a. 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, b. That the bidder is not black listed or banned or debarred by central or any state government or its append gages, c. Availability of spare parts and consumables for the quoted equipment for at least 10 years/life of the item, from the date of installation. 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). **(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.** **PLEASE ALSO NOTE THAT: -** (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. (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.
2.7	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.**
2.8	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. 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.
2.9	(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

	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. (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.
3	**BID SECURITY:**
	(i) Bid shall have to be accompanied with a scanned copy of FDR/CDR/BG/NEFT/RTGS as bid security. The 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. (ii) The bid security of bidder shall be refunded after the earliest of the following events, namely:- (a) the expiry of validity of bid security; (b) the cancellation of the procurement process; or (c) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted. (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. (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.
4	**FORFEITURE OF BID SECURITY: -**
	The bid security shall be forfeited if: (i) The bidder withdraws or modifies the offer after opening of financial bid, but before acceptance of bid, (ii) 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), (iii) The bidder does not deposit the 'performance security' after the supply order is placed/requested for signing the agreement, (iv) The bidder fails to commence the supply of the items as per supply

	order within the time prescribed, (v) The bidder fails to submit samples/demonstration of quoted item on demand (vi) The bidder violates any of the terms & conditions of the bid document.
5	**WARRANTY CLAUSE:-**
	(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. (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. (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

	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**
	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. JKMSCL SUPPLY (_____) NOT FOR SALE
7	**COMPARISON OF RATES:**
	(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. (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. (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. (v) In the event of any subsequent variation (increase or decrease) in the rate of GST or any other taxes by the government (state /UT or central), the same will be admissible accordingly. (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. (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 claims over

	and above the rates agreed pertaining to taxes, duties and fees etc. will not be entertained later on any account. (viii) No part of the bid document should be detached / deleted.
8	**SUBMISSION OF SAMPLES/CATALOGUES AND DEMONSTRATION**
	(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. (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. (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. (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: a. Name and full address of the firm b. Catalogue no. and name of the item c. Name of section d. Name of manufacturer e. Brand (v) No change in marking on sample will be allowed after the submission of the sample.
10	**PERFORMANCE SECURITY (P.S.) AND AGREEMENT:**
	(i) The successful bidder shall submit the original copy of Bid document signed on each page **at the time of agreement**. However, while uploading the technical bid, only the declaration regarding acceptance of terms & conditions shall be uploaded.

(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.

(iii) Successful bidders, whose offers are accepted, shall have to deposit performance security @ 3% 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)/NEFT/RTGS. However, the bank guarantee shall be for a validity period of six months, beyond the guarantee period sought for the item.

(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.

(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.

(vi) The Performance Security: The Performance Security (P.S.) shall be 3% of the total value of stores ordered for supply. The payment shall not be released against supplies untill the additional Performance Security due is deposited by the supplier or additional.

(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.

(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.

(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.

(x) The bidder shall furnish the following documents at the time of

	execution of agreement:- (i) Attested copy of partnership deed in case of partnership firms. (ii) Registration number and year of registration, in case partnership firm is registered with registrar of firms; (xi) Address of residence and office, telephone numbers, in case of sole proprietorship with : (i) Registration issued by registrar of companies under Registrar of companies Act 1956, in case of company. (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. (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.
11	**SUPPLY ORDERS:**
	(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. (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. (iii) In case of imported items, 30 days shall be given in addition to above mentioned period, (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. (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 be quantity among the rate contract holders considering the quantity required and dedicated capacity of the successful bidders. (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.

	(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.
12	**SUBMISSION OF CONTRACT COMPLETION REPORT**
12.1	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.
12.2	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:**
	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. 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 10%. Delay beyond 120 (for Indian products) and 150 days (for imported products) shall be treated as unexecuted and attract penalty @20%. 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. IV. Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day. V. The maximum amount of agreed liquidated damage shall be 20%. 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. 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. 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 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 with in 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). IX. 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. X. 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.
14	(i) JKMSCL shall procure the machinery & equipment for the Health & Medical Education Institutes of UT of J&K inter-alia.

	(ii) The funds shall be transferred to JKMSCL with indent form and supply orders shall be placed by JKMSCL to suppliers.
15	**RECOVERIES**
	(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 Corporation. In case recovery is not possible, recourse will be taken under law in force. (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.**
16	**INSPECTION:-**
	(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. (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. (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. (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. (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 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**
	(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 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. (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. (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.
18	**REJECTION**
	(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. (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. (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. (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 to BIS. (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. 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.
19.	**CORRECTION OF ARITHMETIC ERRORS**
	Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during evaluation of financial bids on the following basis: (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; (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. (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. 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.
20	**PROCURING ENTITY'S RIGHT TO VARY QUANTITY:**
	(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. (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. (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.
21.	**PARALLEL RATE CONTRACT**
	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 conditions, if the original lowest one each not in a position to supply material as per JKMSCL requirement. (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 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. (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. (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. (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.
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 bill 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:-**
	(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 anywhere in India. If any time, during the period of the contract, the bidder reduces the sales price chargeable 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 of India 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. (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.
26	**COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST:**
	Any person participating in a procurement process shall- a) 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; b) Not misrepresent or omit misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation; c) Not indulge in any collusion, bid rigging or any-competitive behaviour to impair the transparency, fairness and progress of the procurement process; d) Not misuse any information shared between the procuring entity and the bidders with an intent to gain unfair advantage in the procurement process; e) 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; f) Not obstruct any investigation or audit of a procurement process;

	g) Disclose conflict of interest, if any; and h) 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. **Conflict of Interest :** 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 performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations. 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 : a. Have controlling partners/shareholders in common; or b. Receive or have received any direct or indirect subsidy from any of them; or c. Have the same legal representative for purposes of the bid; or d. 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 e. 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 f. 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. 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.
27	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.
28	(i) Direct or indirect canvassing on the part of bidders or their representative shall disqualify their bids. (ii) Supplier may be disqualified, banned or suspended from business during the rate contract if : (a) fails to execute a contract or fails to execute it satisfactorily ; (b) no longer has the technical staff or equipment considered necessary ; (c) 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 ; (d) The firm is suspected to be doubtful loyalty to state. (e) The State Bureau of Investigation (SBI) or any other Investigating agency recommends such a course in respect of a case under investigation. (f) 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.
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	(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. (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.
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**
	33.1 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. 33.1.1 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 i. a description of the dispute ii. the ground for such dispute iii. all written material in support of its claim 33.1.2 The other party shall, within thirty days of issuance of dispute notice issued, furnish:

	I. Counter claim and defences, if any, regarding the dispute; and II. All written material in support of its defences and counter claim 34.1.3 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 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. **Dispute Resolution: Besides, as referred above 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 Administrative Department H&ME, who will, through Law Department, appoint a senior most officer as sole Arbitrator, of the dispute, who 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 UT of Jammu and Kashmir.** **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
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).
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.	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 deemed fit by the Managing Director, JKMSCL.
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

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

Annexure AI

(On Letter Head of the Bidder)

DECLARATION

I/We M/s. ..... represented by its Proprietor/managing Partner/Managing Director having its Registered Office at ..... and its Factory Premises at ..... do declare that I/we have carefully read all the conditions of bid no. ..... Dated.....including all the amendments in ..... Ref. .....for supply cum rate contract of ..... **Item name .....** for Jammu and Kashmir Medical Supplies Corporation Ltd. for the year 2022-23 and accepts all conditions of bid including amendments, if any.

I/We agree that the M.D. JKMSCL, Jammu / Srinagar (J&K) may forfeit bid security and or performance security and debar me/us for a period specifying in orders, if any information/document furnished by us is proved to be false/fabricated at the time of inspection and not complying with the terms and conditions of the bid document as presented in bid, Annexure-B and other relevant documents.

Signature & Seal of bidder
Name & Address:

Annexure AII

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 that 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.**

Machinery/Equipment (Bipartite Agreement)

Annexure IV

[on Rs. 100/- Non-Judicial Stamp Paper- "Affidavit"]

Agreement: 1

(For Manufacturers/ Direct Importers only)

This deed of agreement is made on this ..... day of ..... 2022 between Jammu & Kashmir Medical Supplies Corporation Limited represented by its General Manager(P&S) having its registered office at Plot No. 58 Friends Colony, Trikuta Nagar, Jammu, 180020 /Opp. State Motor Garage office, Bemina, Srinagar (herein after referred to as "First Party" (Purchaser) which term shall include its successor, representatives, executers assigns, administrator and beneficiaries unless excluded by the contract) and M/s ..... (Original Manufacturer/ Direct Importer) represented by its Proprietor/ Managing Director/ Managing Partner/ Authorized Signatory of the company/ firm having its registered office at ..... and its factory premises at ..... (herein after referred to as "Second Party" (Suppliers) which term shall include its successors representatives, heirs, executers and administrators unless excluded by the contract).

Whereas the (Original Manufacturer/ Direct Importer) (Second Party)) have agreed to supply to First Party (Purchaser),Machinery & Equipment/Instruments with specifications mentioned in the scheduled attached here to at the prices noted herein and in the manner and under the terms and conditions herein after mentioned and whereas the second party has agreed to deposit performances security to first party, equivalent to 3% of the tentative cost/ contract value (rounded to the nearest round number) in the scheduled attached as per clause 11 of the tender document in the form bank of guarantee for the due and faithful performance of this agreement, to be forfeited in the event of Second Party failing duly and faithfully to perform it. Now these presents witness that for carrying out the said agreement in this behalf into execution the Second Part and the First Party (Purchaser) do hereby mutually covenant, declare, contract and agree each of them in the manner following, that is to say,

1. The term "Agreement", wherever used in these connection shall mean and includes the terms and conditions contained in the invitation to bid floated for the rate contract cum supply for Machinery & Equipment/Instruments for Jammu & Kashmir Medical Supplies Corporation Limited (Rate Contract for two years (24) months period, extendable for another three (03) months with mutual consent) (NIT/JKMSCL/M&E/2022/…….. dated …….. and technical bid opened on …….. , the instructions to bidders, the condition of bid, acceptance of bid, particulars herein after defined and those eligibility criteria, general conditions and other conditions that may be added from time to time.

2.1. The agreement is for the supply, by the Second Party (Suppliers) to the First Party (Purchaser), of the Machinery & Equipment/Instruments on terms and conditions set forth in the agreement.

2.2. This agreement shall be deemed to have come into force with effect from the date of signing of the agreement and it shall remain in force up to a period of two years (24) months which can further be extended for another three (03) months with mutual consent of First Party and Second Party.

2.3. The bid quantity noted against each item in the scheduled attached here to indicates only the probable/ tentative total requirement of the First Party in respect of each item for the agreement period indicated in clause "2.2" above. This quantity may increase or decrease at the discretion of the First Party. The Second Party (Supplier) shall make supplies of the Machinery & Equipment/Instruments on the basis of Purchase order only placed on him/ her from time to time by the ordering authority of First Party (Purchaser-JKMSCL) specifying the quantity required to be supplied at a specific location/ locations within the UT of Jammu and Kashmir.

2.4. The Second Party shall have no right/ query regarding placing of orders against the tentative requirement mentioned in the schedule enclosed which may increase or decrease or First Party may not issue any order for certain item/ items mentioned therein the schedule enclosed/ tentative/ Indicative quantity.

2.5. The release of payment shall be as per terms and conditions/ payment clause 17 of the tender document and after successful installation of the Machinery/Equipments at the end user site and after due verification of bills by the end user department and deduction and penalties as per the clause 18 & 19 of the tender document.

3. SUPPLIES ON THE RATE CONTRACT OF JKMSCL:

The Second Party shall in no case, use the rate contract of JKMSCL for making supplies and / or comparing of rates to/ with any of other department(s)/ agency(ies)/ NGO etc. In case Second Party supplies any of the item(s) at the rate contract or provides the document for comparison of rates or otherwise, to any other department(s)/ agency(ies)/ NGO(s) etc, the defaulted Second Party shall have to pay 7.5% of the total invoice value of the product(s) supplied to other department(s)/ agency(ies) etc at the rate contract of JKMSCL as penalty to the first party (JKMSCL-purchaser) and further the Second Party shall be liable to be considered for Debarring/ Blacklisting for a period not less than five years.

4. TERMINATION OF CONTRACT ON BREACH OF CONDITION.

4.1. In case the supplier fails or neglects or refuse to faithfully perform any of the covenants on his part herein contained, it shall be lawful for the First Party to forfeit the amount deposited by the supplier (second party) as performance security and cancel the contract.

4.2. In case the Second Party neglects or refuse to observe, performs, fulfil and keep, or any one or more or any part of any one of covenants, stipulation and provisions herein contained, it shall be lawful for the First Party on any such failure, neglect or refusal, to put an end to this agreement and there upon on every article, cause and thing herein contained on the part of First Party shall cease and be void and in case of any damage, loss, expenses, differences in cost or other from out of deposit/ due for the time being payable to the Second Party under this and/ or any other contract and in case such last mentioned deposit/ dues are insufficient to cover all such damages, loses, expenses, difference in cost and other deposit as aforesaid, it shall be lawful for the First Party to appropriate the performance security made by the supplier as herein before mentioned to reimburse all such damages, losses, expenses and difference in cost and other money as the purchaser shall be sustained, incurred or been put to by reason of the Second Party (Supplier) having

been guilty of any such failure negligence or refusal as aforesaid or other breach in the performance of this contract.

4.3. If any time during the course of contract it is found that the information furnished by the Second Party (Supplier) to the First Party (Purchaser) either in his bid or otherwise, is false, the purchaser may put on end to the contract/ agreement wholly or in part and thereupon the provision of clause "4.1" above shall apply or any other action are deemed fit by the First Party may also apply.

4.4. The First party (Purchaser-JKMSCL) reserves the right to terminate, without assigning any reasons the contract/ agreement either wholly or in part, without any notice to the Second Party. The Second Party shall not be entitled for any compensation what so ever in respect of such termination of the contract/ agreement by the First Party.

5. All certificates or notices or orders for time or for extra, varied or altered suppliers which are to be the subject of extra or varied charges whether so described in the Agreement or not, shall be in writing and unless in writing shall not be valid, biding or be of any effect what so ever.

6.The Second Party (Supplier) shall not be in any way interested in or concerned directly or indirectly with any of the officer, subordinate or servants of the First Party. In any trade, business or transaction nor shall the Second Party give or pay or promise to give or pay any such officer, subordinate, servant directly or indirectly any money or fee or other consideration under designation of "Custom" or otherwise; nor shall the Second Party permit any person or persons whomsoever to interfere in the management or performance hereof under the Power of Attorney or otherwise without the consent in writing of the First Party obtained in first hand.

7. In case the Second Party (Suppliers) at any time during the continuance of the contract becomes bankrupt of or in solvent or commits any act of bankrupt or insolvency under the provisions of any law in that behalf for the time being in force or should compound with his creditors, it shall be lawful for the First Party to put an end to the agreement and there upon on every article , clauses and thing herein contained to be operative on the part of the purchaser, shall cease and be void and the First Party shall have all the rights and remedies given to him under the preceding clauses.

8. SERVING OF NOTICE TO SUPPLIER

8.1. All notice or communication relating to or arising out of this agreement or any of the terms thereof shall be considered duly served on or given to the Second Party (Suppliers) if delivered to him or left at his/ her premises, place of business or abode.

9. And it is hereby agreed and declared between the parties hereto that in case any question of dispute arises touching the construction or wording of any of clause herein contained the rights, duties, liabilities of the parties hereto or any other way, touching or arising out of the presents the decision of the Managing Director, JKMSCL in the matter shall be final and binding.

10. All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by first and the final appellant authority and decision of said authority shall be final.

11. The following documents shall be deemed to form & be read & construed as part of this agreement:

a) LOI
b) NIT & Corrigendum issued thereof, if any.

11.1 Secondparty shall indemnify and keep the First party free from any harm, against all losses, expenditures, damages, costs & claims incurred or suffered by or made against the Second/Third party by reason of any breach by the same of any of its obligations, covenants, representations & warranties.

11.2 NIT Ref. No: NIT/JKMSCL/M&E/2022/……dated……

11.3 List of Equipment(s), accessories, optional items (if any) under this agreement.

12. All terms and conditions of the NIT shall be the part of this agreement.

Original Manufacturer/ Direct Importer (Supplier)	Jammu & Kashmir Medical Supplies Corporation Ltd (First Party)
(Second Party) (Signature, Name & full Address with stamp	Represented by General Manager (P&S)/ JKMSCL (Signature, Name & full Address with Stamp)
Witness (Signature, Name & Address)	Witness (Signature, Name & Address)
1.	1.
2.	2.

Machinery/Equipment (Tripartite Agreement)

[on Rs. 100/- Non-Judicial Stamp Paper- "Affidavit"]

Agreement: 2

(Tripartite Agreement for Authorized Agents/Dealers/Facilitators)

This deed of agreement is made on this ..... day of ..... 2022 between Jammu & Kashmir Medical Supplies Corporation Limited represented by its General Manager (P&S) having its registered office at Plot No. 58 Friends Colony, Trikuta Nagar, Jammu, 180020 /Opp. State Motor Garage office, Bemina, Srinagar (herein after referred to as "First Party" (Purchaser) which term shall include its successor, representatives, executers assigns, administrator and beneficiaries unless excluded by the contract), M/s ..... (Original Manufacturer/ Direct Importer) represented by its Proprietor/ Managing Director/ Managing Partner/ Authorized Signatory of the company/ firm having its registered office at ..... and its factory premises at ..... (herein after referred to as "Second Party" (Suppliers) which term shall include its successors representatives, heirs, executers and administrators unless excluded by the contract) and M/s ..... (Authorized agent/ dealer/ facilitator) represented by its Proprietor/ Managing Partner/ Managing Director having its registered office at ..... (herein after referred to as "Third Party"- (Authorized Agent/ Suppliers/ Dealers) of Second Party, which term shall include its successors representative, heirs, executers and administrators unless excluded by the contract).

Whereas the (Original Manufacturer/ Direct Importer) (Second Party/ Third Party (Authorized agents/ dealer)) have agreed to supply to First Party (Purchaser), Machinery & Equipment/Instruments with specifications mentioned in the scheduled attached here to at the prices noted herein and in the manner and under the terms and conditions herein after mentioned and whereas the second party/ third party have agreed to deposit performances security to first party, equivalent to 3% of the tentative cost/ contract value (rounded to the nearest round number) in the scheduled attached as per clause 11 of the tender document in the form of bank guarantee for the due and faithful performance of this agreement, to be forfeited in the event of Second Party/ Third Party failing duly and faithfully to perform it. Now these presents witness that for carrying out the said agreement in this behalf into execution the Second Part/ Third Party, and the First Party (Purchaser) do hereby mutually covenant, declare, contract and agree each of them in the manner following, that is to say,

1. The term "Agreement", wherever used in these connection shall mean and includes the terms and conditions contained in the invitation to bid floated for the rate contract cum supply for Machinery & Equipment/Instruments for Jammu & Kashmir Medical Supplies Corporation Limited (Rate Contract for twenty-four (24) months period, extendable for another three (03) months with mutual consent) (NIT/JKMSCL/M&E/2022/……dated……and technical bid opened on…….., the instructions to bidders, the condition of bid, acceptance of bid, particulars herein after defined and those eligibility criteria, general conditions and other conditions that may be added from time to time.

2.1. The agreement is for the supply, by the Second Party/ Third Party (Suppliers) to the First Party (Purchaser), of the Machinery & Equipment/Instruments on terms and conditions set forth in the agreement.

2.2. This agreement shall be deemed to have come into force with effect from the date of signing of the agreement and it shall remain in force upto a period of twenty-four (24) months period which can further be extended for another three (03) months with mutual consent of First Party and Second Party/ Third Party.

2.3. The bid quantity, if mentioned against each item in the schedule indicates only the probable/ tentative total requirement of the First Party in respect of each item for the agreement period indicated in clause "2.2" above. This quantity may increase or decrease at the discretion of the First Party. The Second Party/ Third Party (Supplier) shall make supplies of the Machinery & Equipment/Instruments on the basis of Purchase order only placed on him/ her from time to time by the ordering authority of First Party (Purchaser-JKMSCL) specifying the quantity required to be supplied at a specific location/ location within the UT of Jammu and Kashmir.

2.4. The Second Party/ Third Party shall have no right/ query regarding placing of orders against the tentative requirement mentioned in the schedule enclosed which may increase or decrease or First Party may not issue any order for certain item/ items mentioned therein the schedule enclosed/ tentative/ Indicative quantity.

3. AUTHORIZED AGENTS/ DEALERS OF SECOND PARTY:

3.1. In this agreement, the Second Party (Original Manufacturer/ Direct Importers) have authorised M/s ..... ; (Third Party) as Agent/ Distributers/ Dealers to submit bid, to negotiate with First Party, to raise invoice and receive payment on behalf of Second Party; and as such, supplies shall be endorsed by the Second Party M/s ..... (Original Manufacturer/ Direct Importers) and original copy of delivery challan of Second Party towards the Third Party for such supplies shall be endorsed along with invoice submitted by Third Party to First Party.

3.2. The Corporation under such arrangements shall have a right to secure confirmation to authority of suppliers from Second Party before releasing the payments.

3.3. The release of payment shall be as per terms and conditions/ payment clause 17 of the tender document and after successful installation at end user site and proper verification of bills from the end user department and deduction & penalties as per the clause 18 & 19 of the tender document.

4. SUPPLIES ON THE RATE CONTRACT OF JKMSCL:

The Second Party or Third Party shall in no case, use the rate contract of JKMSCL for making supplies and / or comparing of rates to/ with any of other department(s)/ agency(ies)/ NGO etc. In case Second Party/ Third Party supplies any of the item(s) at the rate contract or provides the document for comparison of rates or otherwise, to any other department(s)/ agency(ies)/ NGO(s) etc, the defaulted Second Party or Third Party, wherever applicable, shall have to pay 7.5% of the total invoice value of the product(s) supplied to other department(s)/ agency(ies) etc at the rate contract of JKMSCL as penalty to the first party (JKMSCL-purchaser) and further the Second Party/ Third Party shall be liable to be considered for Debarring/ Blacklisting for a period not less than five years.

5. TERMINATION OF CONTRACT ON BREACH OF CONDITION.

5.1. In case the supplier fails or neglects or refuse to faithfully perform any of the covenants on his part herein contained, it shall be lawful for the First Party to forfeit the amount deposited by the supplier (second party/ third party) as performance security and cancel the contract.

5.2. In case the Second Party/ Third Party fails, neglects or refuse to observe, performs, fulfil and keep, or any one or more or any part of any one of covenants, stipulation and provisions herein contained, it shall be lawful for the First Party on any such failure, neglect or refusal, to put an end to this agreement and there upon on every article, clause and thing herein contained on the part of First Party shall cease and be void and incase of any damage, loss, expenses, differences in cost or other from out of deposit/ due for the time being payable to the Second Party/ Third Party under this and/ or any other contract and in case such last mentioned deposit/ dues are insufficient to cover all such damages, loses, expenses, difference in cost and other deposit as aforesaid, it shall be lawful for the First Party to appropriate the performance security made by the supplier as herein before mentioned to reimburse all such damages, losses, expenses and difference in cost and other money as the purchaser shall be sustained, incurred or been put to by reason of the Second Part/ Third Party (Supplier) having been guilty of any such failure negligence or refusal as aforesaid or other breach in the performance of this contract.

5.3. If any time during the course of contract it is found that the information furnished by the Second Party/ Third Party (Supplier) to the First Party (Purchaser) either in his bid or otherwise, is false, the purchaser may put an end to the contract/ agreement wholly or in part and thereupon the provision of clause "5.1" above shall apply or any other action are deemed fit by the First Party may also apply.

5.4. The First party (Purchaser-JKMSCL) reserves the right to terminate, without assigning any reasons the contract/ agreement either wholly or in part, without any notice to the Second Party/ Third Party. The Second Party/ Third Party shall not be entitled for any compensation what so ever in respect of such termination of the contract/ agreement by the First Party.

6. All certificates or notices or orders for time or for extra, varied or altered suppliers which are to be the subject of extra or varied charges whether so described in the Agreement or not, shall be in writing and unless in writing shall not be valid, binding or be of any effect what so ever.

7. The Second Party/ Third Party (Supplier) shall not be in any way interested in or concerned directly or indirectly with any of the officer, subordinate or servants of the First Party. In any trade, business or transaction nor shall the Second Party/ Third Party give or pay or promise to give or pay any such officer, subordinate, servant directly or indirectly any money or fee or other consideration under designation of "Custom" or otherwise; nor shall the Second Party/ Third Party permit any person or persons whomsoever to interfere in the management or performance hereof under the Power of Attorney or otherwise without the consent in writing of the First Party obtained in first hand.

8. In case the Second Party/ Third Party (Suppliers) at any time during the continuance of the contract becomes bankrupt of or in solvent or commits any act of bankrupt or insolvency under the provisions of any law in that behalf for the time being inforce or should compound with his creditors, it shall be lawful for the First Party to put an end to the agreement and there upon on every article , clauses and thing herein contained to be operative on the part of the purchaser, shall cease and be void and the First Party shall have all the rights and remedies given to him under the preceding clauses.

8.1. In case Third Party, (Authorized Agent/ Dealer/ facilitator- clause 3) at any time during the continuance of the contract become bankrupt of or insolvent or commits any act of bankrupt or insolvency either provisions of any law in that behalf for the time being in force, or should compound with his creditors, the Second Party, (Original Manufacturer/ Direct Importers) shall be bound to continue with the supplies directly for the First Party till the completion of contract otherwise it shall be lawful for the purchaser to put an end to the agreement and thereupon every article, clause and thing herein contained to

be operative as part of First Party, shall cease and be void and the First Party shall have all the rights and remedies given to him under the preceding clauses.

8.2 SERVING OF NOTICE TO SUPPLIER

All notice or communication relating to or arising out of this agreement or any of the terms thereof shall be considered duly served on or given to the Second Party/ Third Party (Suppliers) if delivered to him or left at his/ her premises, place of business or abode.

9. And it is hereby agreed and declared between the parties hereto that in case any question of dispute arises touching the construction or wording of any of clause herein contained the rights, duties, liabilities of the parties hereto or any other way, touching or arising out of the presents, the decision of the **Managing Director, JKMSCL** in the matter shall be final and binding.

10. All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by first and the final appellant authority as reflected in NIT and decision of said authority shall be final.

11. The following documents shall be deemed to form & be read & construed as part of this agreement:

c) LOI
d) NIT & Corrigendum issued thereof, if any.

11.1Second/Third party shall indemnify and keep the First party free from any harm, against all losses, expenditures, damages, costs & claims incurred or suffered by or made against the Second/Third party by reason of any breach by the same of any of its obligations, covenants, representations & warranties.

11.2 NIT Ref. No: NIT/JKMSCL/M&E/2022/……dated……

11.3 List of Equipment(s), accessories, optional items (if any) under this agreement.

12. All terms and conditions of the NIT/relevant clause of SPP of JKMSCL shall be the part of this agreement.

Authorized Agent/ Dealer (Third Party) (Signature, Name & full Address with stamp)	Original Manufacturer/ Direct Importer (Supplier) (Second Party) (Signature, Name & full Address with stamp)
Witness (Signature, Name & Address) 1. 2.	Witness (Signature, Name & Address) 1. 2.

Technical Specifications:

1. **DISPOSAL DESTROYER SYSTEM (Needle Blaster)**

- Should effectively decontaminate sharps like needles & syringes, scalpel blades etc.
- Should be a microprocessor computerized based control system
- Should not emit smoke.
- Have a canister to collect the sharps (like Needle & Syringes, scalpel blades etc.) canister should be lockable.
- Canister capacity should be at least 3-5L,
- Process time should be less than 5hrs.
- Should have a safety measures like the lid can't be opened during the process.
- Should have report/data generation system that shows cycle no. date, time duration, Temperature etc as per Pollution Control Board guidelines.
- Voltage compatibility for 220V- 250V
- Should be US FDA / European CE certified.
- The price of the consumables to be quoted separately.
- It should be approved by the central pollution Control Board and should follow latest guidelines of BMY (Management & Handing) rules 2016
- Satisfactory report from Institution (Government) Hospitals should be submitted Product trademark Certificate should be provided Warranty of minimum 03 years should be given.

2. **DISPOSABLE CANISTER** - Disposable 3 to 5 lit. Metal canisters to collect the sharps or soft clinical waste (Needle Syringes, Scalpel Blades etc) to be heated up to two and half hours at temperature reaching 185°C Canister should be lockable 30 Cans should be provided tree with each blaster.
3. **Disposable INSERT- LDPE, PVC** free inserts for Sharp Disposable Destroyer unit.
4. **STICY BACK PAPER LABEL ROLL** – Thermal Paper Roll, 100 stickers pet roll for sharp Disposable Destroyer Unit.
5. **ACTIVE CARBON FILTER** – Active Carbon filter for Fumes entrapritent Minimum each length both ends open with suitable sealing gaskets.
6. **COMPACTOR UNIT**: Compactor should be made of Mild steel plate with powder body, should have pneumatic cylinder with high quality inline filter and oiler, Compaction factor should approximately 60% -70% should be able to deliver a force of 700kgF to 850KgF on an air pressure of 5-7 bar. It should for a safety interlock for the door.

2. Technical Specification of ND-Yag Laser/Slit lamp system for Ocular use.

S. No.	Name of Equipments/Instruments
1.	Filter (Blue)
2.	Illumination Type (Halogen)
3.	Eye Piece Magnification (12.5x)
4.	Slit Rotation (0 to 180 Degree)
5..	Input Voltage (100-240V)
6.	Working distance (100mm)
7.	Color (White)
8.	Usage/Application (Hospital)
9.	Yag Laser Wavelength (1064nm)
10	SLC Laser Wavelength (532)nm

3). 4 MM 30° Nasal Endoscope.

4). Specification of Water Purification System

1. The water purification system should be able to produce type I, Type II & Type III water from the same system from potable tab water available in Lab.
2. The system shall be comprised of a single water purification unit containing RO (Reverse Osmosis), DI (De-ionised), UV (Ultra Violet) with final P.O.U (Point of Use) filtration.
3. The ultrapure water system delivery unit must be designed so that regular lab containers, such as cylinders and flasks, can be filled without the need to hold them.
4. The ultrapure water system should incorporate an Auto Volume dispensing function capable of automatically dispensing of ultrapure water from 0.1L up to 7.0L.
5. There should be internal reservoir of 7L capacity for type II water.
6. The system should have a choice of point-of-use final filter options, including a 0.22 micron final filter, a point-of-use Bio filter for pyrogen free water to meet individual requirements.
7. The ultrapure water system should have long life in-built UV (Ultra Voilet) lamp with emission at 185 and 254 nm wavelengths.
8. The Ultrapure water system delivery unit should incorporate graphic color LCD display to provide information such as:-
    a. System status and performance parameters (Resistivity, Conductivity and Temperature)
    b. Routine maintenance needs,
    c. And alarms for troubleshooting in the event of system malfunction / or any technical snag.
9. The ultrapure water system should be able to recirculate water through purification technologies to maintain high water quality to prevent deterioration of water quality periods of non-use.
10. Product Water Quality Required for Type I & Type II

S.No.	Technical Parameters	Values
1.	Ultapure (Type I) Flow Rate(L/min)	0.01-1.2
2.	Ulrapure Resistivity (MD-cm at 25°C	18.2
3.	Microorganisms (cfu/10mL) with microfilter	<0.1
4.	Particulates <0.22µm(/mL) with Microfilter	<1
5.	Endotoxin /Pyrogen(EU/ml) with Bio Filter	<0.001
6.	RNase/DNase	<jpg/ml&<5pg/ml
7.	Pure Water Type II Make up rate of RO (L/hr.)	10
8.	Resistivity(MΩ-cm at 25°C)	>1 Mega Ohm-cm
9.	TDC(Total Organic Carbon)	<50ppb

10.	Bacterial Count	<100cfu/ml
11.	Conductivity	0.55 /cm@25C

11. Intel Tubing suitable Length and Diameter.
12. Inlet Water Temperature should range from 4-49°C
13. Power Source Frequency Range: 50-60Hz+/-5%.
14. Power source AC Voltage 100-230V.
15. The Supplier should provide adequate storage tank, external filter, connector, tubings and mounting accessories and any other items required to operate and takeout the purified water.
16. Price of consumable like Cartridges etc. should also be quoted separately.
17. The Manufacturer should have supplied system to Government / Semi Government/reputed private organization etc. Past performance certificates from users are to be provided.
18. The system should be US FDA or European CE (from notified Body)

5). Specification for Mould Room Equipment:

SL. No.	Specification	Qty.
1.	All – in – one base plate Carbon Fibre along with arm support and moveable knee rest, for Head, & Neck, Thorax, Abdomen and Pelvis Treatment (USA FDA Approved)	3
2.	Same base Plate to be upgraded for SBRT treatment using Bite bridge and Respiratory belt with dedicated comfort cushion	3
3.	Same base plate to be upgraded for SRS/SRT Treatment using Bite lock and Accuu cushion	3
4.	Breast Board Carbon Fibre • Full function study breast board with superior carbon fibre composition includes two arm cups, two hands grips, one removable head cup and adjustable bottom stopper and leg positions • All patient positions are reproducible • CT compatible design • Indexable to any couch top • Light weight and durable • Engineered for quick and easy Step, mandatory • Push pin thermoplastic mask can be used • No use of flexible PU cushions for elevation.	3
5.	Head Rest carbon Fibre A to F (Set of 6 Pieces)	3 Set
6.	Multifix Prone Head Holder Carbon Fibre	3
7.	Multifix Tilting Baseplate Carbon Fibre for Head	3
8.	Multifix Lateral Base Plate Carbon Fibre for Head	3
9.	Wing Board - Carbon Fibre, can be use with supine breast board and alone also	2
10.	Feet positioned	3

11.	Digital Water Bath	1
12.	Indexing Rod Carbon Fibre	6
13.	Abdomen Compression - Respiratory Belt	3
14.	Accu Cushion 15x20cm for Head	20
15.	Accu Cushion 52x47cm for Head & Neck	20
16.	Vacuum bag 200x100cm	5
17.	Vacuum bag 100x70cm	5
18.	Vacuum bag 70x70cm	5
19.	Vacuum bag 50x70cm	5
20.	Vacuum bag 40x50cm	5
21.	Vacuum Pump	1
22.	Vacuum Storage Stand SS along with movable wheel	1
23.	'S' Hooks for handing Vacuum Bag	20
24.	2.0mm Lead ball Sure mark for CT 110/per box	2
25.	Bolus 30x30x0.5cm	10
26.	Bolus 30x30x1.0cm	10
27.	Electron Foam cutter	1
28.	Styrofoam Block 30x30x3/4" (Pack of 30 block)	1
29.	Alloy Melter	1
30.	Alloy	25kgs
31.	Electron Molds	1set
32.	Block Making Tools and Accessories	1set
33.	Mould Room Table (standard size)	1
34.	Sagital Laser Green (Line Laser) for Mould Room	1

6). Technical Specifications of High Fidelity Full Body Patient Communication Simulator with Artificial Intelligence,

- Patient Communication Simulator (PCS) should be designed for meeting high-level healthcare simulation goals and educational learning objectives, building expertise in healthcare decision making, conducting foundational clinical interviews, and CPR training and assessment.
- Should be a Male Manikin with Aprrox. Length-61 inch. (crown to held), Chest-39-5 inch, Head -21.5 inch. Circumference and Neck -145.5 Inch. (Circumference) and weight around 20kg.
- Language: English and Hindi.

- Should have advanced Speech recognition and unlimited questions per day.
- Patient communication simulator that sees, listens, and responds.
- Should have Responsive and scalable user interface
- Simulator must have futures such as perform physical assessment, Evaluate vitals
- Should have waveforms with simulated patient monitor in any laptop and desktop.
- Should be create automated performance assessment of learning objectives.
- Should maintain treatment plan with customizable labs and medical orders.
- Should be able to practice IV Administration producer.
- Simulator control should be possible with cloud connection, scenario-driven, instructor control, real time remote simulations and virtual patient.
- Scenarios included customizable patients, measurable objectives, automated assessment, patient orders, model-driven physiology, and drug treatments.
- Built in microphone /Speaker, log entry records, events, objectives, and communication transcription.
- Should have live streams high definition, low latency video from the right eye which can provide remote viewing and reviewing capability.
- Should have many Languages, specially Hindi and English.
- Include Simulation log archive for 5 Years and team space.

Speech:- Three distinct ways of communication through speech.

- A natural language speech recognition and response system
- Text-to-speech (TTS) speech synthesis application within the simulator software interface.
- Simullator intercom-like "push-to-talk" though VoIP within the simulator software interface.

Chest Compression and Ventilator:

- CPR matrics charting should be possible with depth, rate, and ventilation (Live) Right anatomical landmarks for CPR such as, Sternum, Rib cage, Substernal Notch, fully articulating head, neck, jawasper AHA guideline.
- Should have realistic anatomy and landmarks for ventilation Such as teeth, tounge, Oral and nasal pharynx, epiglottis, arytenoids, false code, true vocal cords, trachea,lungs Bifurcated, esophagus, stomach.
- Oral, Digital and nasal intubation should be possible.
- Airway management devices including ETDLA- Combitube and King LTS-D

Palpable Pulses: Carotid, Brachial, Radical, Dorsalls pedis (Left and Right)

- Jaw thrust technique, Sellick maneuver, Blood Pressure, bilateral, Manual 2-step BP
- Should be possible for mimic real-life resuscitation sections, Basic and Advanced.
- Spontaneous breathing should be synchronized with respiratory rate.

Patient Monitoring should be possible to Access:

- Heart rate, RR interval, End Tidal
- Co2, Oxygen Saturation, temperature, Blood pressure, ECG, Mean Arterial Pressure
- Vital AED/Pacing, 12- Lead ECG.
- Urinary catheterization and care, auscultation during Ventilation.
- Spontaneous breathing

Circulation:

- Blood pressure device allows accurate blood pressure measurement, playback of Korotkoffs sounds, and brachial pulse sensations using Bluetooth Technology.
- Should be possible to measure Auscultatory Blood Pressure with five Korotkoff Sounds,

- Variable systolic/diastolic level, pulse rate, volume, and auscultatory Gap.

Auscultation:

- Wireless auscultation device delivers realistic lung, heart, and bowel sounds through any stethoscope or attached headset by using Near Field Communication (NFC) and Bluetooth technology.
- Should be possible Cardiac, Lung, and Abdominal Sites.
- Cardiac-Should allow 5 anterior location such asa Aortic, Pulmonic, Erb's points, Tricuspid and Mitral.
- Lungs-Should allow at least 5 angterior Sites: Right Upper Lobe, Right Middle Lobe, Right Lower lobe, Left Lower Lobe
- Bowel- Should be 3 anterior locations, Aortic Renal Illiac.

Skin, VeIns and Injection Sites.

- Should have realistic flashback, pressurized system.
- Skin and veins should roll while palpating, replaceable Skin and Veins
- Intramuscular Injection should be possible on deltoid and injection Arm with, Antecubital anddorsal access.
- Bony landmark should there to indentify intramuscular injection location.
- Should have replaceable skin and veins.
- Should be able to place IV catheter or butterfly infusion needle, insertion, care practice,
- Infusion and withdrawal.

Fully Body Patient Communication Simulator based on AI Must be supplied with the following items:

1. Auscultation device & charging cable.
2. Blood Pressure Cuff and sensor.
3. Stethoscope
4. Male genitalla
5. Female conversion Kit having Female torso overlay, Female Genitalia, Wig, Female Voice
6. Control Tablet.
7. External power supply
8. Pump Spray Lubricant and Carry Case.

Product must have Warranty for a period of 5 years from the date of installation

7. Technical Specifications for Anaesthesia Work Station (basic)

1. Should have integrated Anaesthesia Work Station suitable for Adult to Neonatal Patients.
2. Anaesthesia Delivery System, Ventilator, Vaporizer and Monitor should be suitable to all patients.
3. Should be suitable for low, minimal, and metabolic flow anaesthesia application.
4. Unit should have working surface and the storage space for keeping the necessaries.
5. Unit should have drawer for storage space and good quality handle and castors to move the Unit with locking system.

Gas Delivery System

1. Should have facility to connect to the central supply for (O2, N2O & Air), and should have pin index cylinder one each of O2 & N2O,
2. Should have Display of pressure value for cylinder or pipeline pressure.
3. Should have oxygen flush up to 70Ipm.
4. Should have switchable ACGΩ mode information should display on ventilator screen.
5. Should have dual cascaded tube/ digital flow meter for O2, N2O and single for Air. With back light and flow range 0.101.PM
6. Should have hypoxia guard and provides a minimum flow of 25%
7. Should have Automatic cut off of N2O by oxygen pressure failure.
8. Unit should have air as driving Gas for ventilator and should have system for auto shift to oxygen. In case of Air/Gas fails.

Breathing System

1. Should have fully integrated CO2 Absorber/Breathing system with single switch Bag/Vent mode.
2. The bag/vent switch function should be fully compatible with ventilator and should display all manual mode information and monitoring parameters on ventilator screen.
3. Should have optimized absorber canister approx. 1.5 Ltr. The CO2 canister should be reusable and should be easily detach able from the system without interruption during active ventilation, should also have CO2 bypass function.
4. There should be no collection of water in the breathing circuit (integrated heating mechanism in breathing system for same) with user selectable temperature setting.
5. Should have independent port for open circuit.
6. Should have independent Para magnetic oxygen sensor/Electromagnetic sensor or other Cell for Flo2 with an expected life of at least 2 year, and Manufacturer will give free replacement during Warranty Period .

Anaesthesia Ventilator

1. Should have electronically controlled and electrically/pneumatically driven anaesthesia ventilator.
2. Anaesthesia Ventilator should have following settings-
   2.1. Ventilation Mode: Manual/Spontaneous. VCV, PVC, SIMV, PSV with apnoea back up, ACGO
   2.2.Tidal Volume:10-1500ml
   2.3.PEEP: 2-30 cml120
   2.4.AEE ratio:2:1 to 1:8 (increment of 0.5)
   2.5.Pressure Range:5-60 cml 120 (increment of 1cml 120)
   2.6.Inspiratory time Range: 0.4 to 5 sec.
   2.7. Inspiratory Pause time: Off. 5-60%
3. Anaesthesia Ventilator should be suitable for New Born, paediatric and adult and should have colored touch screen with 10″ screen size or more.
4. Display should have at least any 2 waveforms of Paw vs. time/flow vs time/ Vol vs, time and 2 spirometery Loops (PV & FV) simultaneously.
5. Unit should have tidal volume compensation /fresh gas compensation / fresh gas decoupling valve.
6. Should monitor and display the measure value of Minute volume. Tidal volume, flo2 concentration. Peak pressure, Mean pressures, Plateau and PEEP.
7. Should have timer to calculate total anaesthesia time with Case Start and Stop functional key
8. Should have adjustable high/ low limits setting for F1O2, Expired tidal volume, Minute volume, frequency and airway pressure.
9. Should have a battery backup at least 180 minutes or more.

10. Ventilator should have upgradable facility for monitoring of Multi Gas Analysis of all Anaesthetic Agent, MAC Value and Etco2 and should be quoted extra as optional.

Vaporizer

1. Vaporizer must be isolated from Gas Flow in off position and prevent simultaneous activation of more than one vaporizer.
2. Temperature pressure should be compensated and flow should be compensated by independent vaporizer.
3. The Unit should have dual position salectatee bar for vaporizer and should be supply with isoflorane and sevoflorane vaporizers.

The Anesthesia Work Station should be supplied Monitor

1. It should have Monitor of at least 15″ touch screen colour display minimum of 6 or more waveform at a time
2. It should be touch screen and knob controlled.
3. Monitor should be able to measure following parameter:

3.1.3/5 lead ECG SPo2, NIBP, Respiration, Temperature, End tidal Co2(ET CO2) and Bispectral index (BIS) Monitoring System .

3.2.It should also have electro cautery and defibrillator filter.

3.3.Should have audio and visual alarms

3.4.It should have Trends up to 48 hours

3.5.Should have the Battery backup of more than 2 hr.

Monitor be supplied with following standard accessories.

1. Reusable Spo2 Sensors Scach for adult – 01 Nos
2. ECG cable 3/5 Leads – 1 no's
3. NIBP cuff for adult and paediatric age group – 1 No each.
4. Temperature probe – 1 Nos
5. ECG Disposable Electrodes – pack of 30 pc
6. Power Cable.

The Anaesthesia Work Station should be supplied with the following accessories.

1. Main unit with two vaporizer, Anaesthesia Ventilator and Monitor.
2. Disposable breathing circuit for adult – 5 units
3. Reusable / autoclave breathing circuit for adult – 1 no's
4. Face Mask 01 each (small, medium, large size)
5. Air, N2O & O2 supply hose
6. Breathing bag – 1 each (1L and 2L).
7. Power Cable
8. Scavenging System should be available with work station.
    1. Unit should be BIS/ISO13485/CDSCO (Registered) and should confirm to EN 60601-2-13 (Requirement for safety and essential performance of anaesthesia system).

8. Technical Specification for Truelab Quattro Real Time Quantitative micro PCR Analyzer.

Fully automatic Real Quantitative micro PCR analyzer. Four channel-Three wavelength system performs 40-48 tests in 8 hours.

Technical specifications.

Principle	Patented real-time micro PCR
Optics	Fluorescence, Three Wavelength

Throughput	4 chip-Random access
Interface	Wi-Fi, 3G, Bluetooth
Calibration	Auto-calibration
Memory	20.000 test results
Operating environment	Temperature 15-40 C RH. 10-80%
Display	Capacitive 5″ Touch Screen
Printer	External 2″ Bluetooth Thermal Printer
Power	Rechargeable Lithium Ion Battery Pack,7.4.V, 8.7Ah Input to AC/DC adaptor Single Phase 100-240 V. 47-63 Hz 1.35-0.53A Output from AC/DC adaptor: 10 V; 4.5A, 45 VA. If the input specifications in your country do not meet the above requirements please contact your local Mol bio representative
Weight	5.2 kgs
Size	400 mm x 242 mm x 159 mm

Technical Specification for True lab micro PCR Printer.
Bluetooth Printer, prints wirelessly the results of the PCR test performed by True lab Duo/Quattro Real Time Quantitative micro PCR Analyzer
Technical Specifications.

Printer	2″ Thermal Printer
Printing	Thermal Line printer method
Paper width	56.5 mm
Dot size	0.125 mm x 0.12 mm
Printing speed	75 mm/s (higher speed optional)
High speed	75 mm/s
Processor	32 Bit ARM processor
Interface	Wireless Bluetooth interface High speed USB 2.0 interface
Battery	1.5 Ahr Li-ion battery/td>
Charger	9V, 2A battery charger.

Technical specification on for True prep AUTO v2 Universal Cartridge Based Sample Prep Device

Fully automatic sample prep device works in tandem with True prep AUTO v2 cartridge and Reagent Kits for extraction and purification of nucleic acids from clinical specimen.

Technical specifications:

Principle	Proprietary matrix – based extraction
Operation	Fully Automatic
Display Screen	2 line alphanumeric LCD
Power	Rechargeable Lithium Ion Battery Pack 7.4 V, 11.6 Ah
	External AC/DC adaptor: Input 1.5A. 100/240V, 50/60 Hz.
	Output 10V, 4.5A
Weight	2.75 kgs
Size	215 x 235 x 115 mm
Software	Proprietary firmware
Operating environment	Temperature 15-45°C. RH: 10-90%

9. TECHNICAL SPECIFICATION OF ADULT & PEDIATRIC VIDEO ENDOSCOPE

S.No.

One Endoscopic workstation — For complete High resolution/High definition video endoscope system for Upper and Lower Gastrointestinal Pediatric Endoscopy which the following equipments:

(A) One video endoscope image processor system which must have the facility to provide the images with processor compatible with below mentioned items, B,C, and D, compulsorily and have separate outputs (HD-SDI, rgb, dv, DVI, s-video and composite) for monitor/screen view and Desktops/PC for images and video and image stills. The system should also have as lot for Memory/CF card/USB for image storage.

The endoscope system must be suitable to produce high definition and magnified images of GI tract. The light source system should be separate or inbuilt with the image processor supplied with high intensity 300W Xenon lamp source OR multi LED light Source (minimum 4 LED).

System should be compatible with optical image enhancement technology – NBI/ BLI/ISCAN-OE.

(B) 1 Upper gastrointestinal video endoscopes with standard accessories which include:

1. One ultrathin (Neonatal) endoscope with following specification.
   i. View direction – Forward
   ii. Observation range -3-100mm
   iii. Field of view- Minimum 120 degrees or more

iv. Distal end diameter -5.5 mm OR LESS
v. Bending or angulation range up -200 degrees or more, down -90 degree or more Right and Left 100 degree or more.
vi. Forceps or instruments channel diameter – 2.2 mm or more
vii. Working length -1100 mm or more
viii. With standard accessories SCOPE should be compatible with optical image enhancement technology –NBI/BLI/ISCAN-OE.

(B) 2. One thin (Paediatric) Endoscope with the following specification:

i. View direction – Forward
ii. Observation range -2-100 mm
iii. Field view – 120 degrees
iv. Distal end diameter -9.2mm OR LESS
v. Bending capability –Up-200 degrees or more, down-90 degrees or more, Right and Left 100 degrees or more
vi. Forcep channel diameter-2.8 mm or more
vii. With all standard accessories
Scope should be compatible with optical image enhancement technology – NBI/BLI/ISCAN-OE. ENDOSCOPE should provide the HD images with HD CCD/ CMOS

(c) Lower GI endoscope (Colonoscope) system with accessories

i. Viewing direction – Forward
ii. Observation range -2-100 mm
iii. Field of view – 140 to 170 degrees
iv. Distal end diameter – 9.7 mm OR LESS
v. Flexible portion diameter-9.5 mm OR LESS
vi. Bending capacity – Up and down 180 degrees or more, Left and right 160 degrees or more.
vii. Forceps channel diameter -3.2 mm or more
viii. Working length – 1650 mm or more
ix. With all standard accessories
x. Colonoscope should have passive bending feature
xi. Scope should be compatible with optical image enhancement technology –NBI/BLI/ISCAN-OE. ENDOSCOPE should provide the HD images with HD CCD/CMOS

(D) LCD /LED Medical Grade screen or monitor for A),B) and C), and Capable or HD Vedios and image stills with display size of 19 and 20 inches.
19-21 inch LCD/LED colour High definition (HD) Professional/Medical grade Monitor
Compatible with HDMI interface
High purity RGB colour filters
Excellent brightness and contrast
Should have a wide viewing contrast both horizontally and vertically.

(E) UPS/Voltage stabilizer for the above`

(F) Movable trolley with brakes to accommodate the above

(G) Paediatric ERCP Duodenoscope

i. Distal and diameter 13.1mm OR LESS with all standard accessories.

ii. LCD Monitor for ERCP with specification as above (in D)

(H) C-arm for ERCP

(I) The equipment should be USFDA & CE approved

10). Ultrasound Processor EU ME3

- Compact and easily transportable one cart System/Unit. Ease to move on trolley.
- Ultrasonic Process should provide color Doppler, Power Doppler and H.flow for effective confirmation of blood flow, Pulse wave, 8 Mode, color flow.
- Should have Tissue Harmonic function and Elastrography function available to confirmation of relative thickness of tissue to confirm the possibility of malignancy.
- Should have Elastography with –ELST function strain ratio & strain histogram.
- Should have S-focus function for full range focusing eliminating Manual focus adjustment.
- Processor should be integrated processor for electronic and Mechanical scanning.
- Should have SWQ for absolute value of tissue stiffness within a region of interest.
- SWQ(software Options) Calculates and displays transmission speed and elasticity of shear wave in ROI
- Should have capacity to record at least 1 minutes to 3 minutes video with its retrieval.
- Option to choose frequency range: 5.12 MHz, by self or by adding compatible system. Dedicated and user-friendly keyboard.
- Generated frequency range: Preferably up to 20 MHz
- The keyboard should have large LCD touch panel that allows greater range of functions to be displayed at one time, backlit keys, and a track pad for ease of use and cleaning
- Retrieve image through USB port to record.
- GAIN, contrast and STC function to intensive signals.
- Should have LE reduction function to intensive signals.
- Should have combined contrast harmonic & tissue harmonics mode (C-THE)
- Should have persistence mode for 3D image smoothing.
- Quoted processor should have optional software to upgrade in future.
- 2KVA isolation transformer should be provided to protect the ultrasound Processor against electric surge.

11). Ultrasonic Video Gastro Endoscope Linear, GF UCT 180

Should have following technical Specifications/features:

- Should have high resolution quality/Endoscopy image.
- Should have feature to perform vascular pattern study like (NBI/OE-I-Scan/BLI-LCI).
- Should have compatibility with SWQ to check the liver fibrosis
- Should have EUS images with four or more selectable frequencies from 5-12 MHz
- Should have colour Doppler, Power Doppler for effective confirmation of blood flow, should have pulse wave Doppler, and B-Mode.
- Should have 4 or more remote switches in scope the control body for frequency calling desired functions such as Freeze and unfreeze.
- Should have lens cleaning function for keeping the endoscopic field of view clear.
- Should have Tissue Harmonic function for enhanced EUS image.
- The distal end should have FNA (Therapeutic capability).
- EUS scope should be fully immersible for through cleaning.
- Depth of Field: 3-100mm
- Scanning Method: Electronic curved linear array
- Frequency Range Electronic probe: 5 to 12 MHz
- Scan Range: 180 degree or better
- Field of view: 100 degree or more
- Direction of view: 55 degrees Forward oblique

- Insertion tube outer diameter: 12.6 mm or less
- Distal end outer diameter: 14.6 mm or less
- Instrument channel diameter: 3.7 mm or more
- Angulation Range : UP/Down 130/90 degree or more

  Right /Left 90/90 degree or more
- Working Length: 1250 mm or more.
- Total Length: 1550 mm or more,

12). Technical Specification

S. No.	**Mobile C-Arm with Flat Panel System with true counter balanced**
(A)Gantry/ C-Arm	Fully counted balanced C-arm with side –to-side (wig-wag) and the orbital movement: more than 110 degrees
(B) Generator &	
1.	Generator should be microprocessor – controlled converter & type
2.	Modes: continous, digital pulse fluoroscopy and digital

3. Fluoroscopic KVp range: 40-120kV, minimum 60mA

4. Radiographic WVp range: 40-120Kvp, minimum 100 mA or more

5. X-ray tube should have a rotating anode

6. Anode heat storage capacity should be 300 KHU or higher

7. Anode cooling capacity should be 70KHU/minute of higher

8. Tube housing heat storage capacity should be a minimum of 1500

9. Generator should provide digital pulse fluoroscopy with pulse rates

10. Additional safety size filtration for the safety scattered radiation

11. Focal spot size should be 0.3mm & 0.6mm dual focal spots

12. Automatic dose rate control

13. Integrated laser high localizer, radiation free collimation

14. Multifunction foot switch to control all operating modes and single

15. Inbuilt heat management capabilities for long interventional

16. Integrated dose monitoring chamber

17. Metal Artifact reduction/metal correction should be available

(C) Flat Panel

1. Flat detector of cal cesium iodide) with amorphous Silicon doping

2. Size of detector: min 26x26 cm

3. The pixel size should be 195 microns or less

4. Resolution of the detector must 1.5k 15K

5. Image inversion: right to left tip to down

6. Provide a last image hold capability that the last image is displayed

7. Cable free rear side and 180-degree rotatable monitors.

8. Equipped with two high-resolution 19″ HD LED/TFT medical grade

9. Vertically and horizontally adjustable monitor for specific needs.

10. Viewing angle of at least 150 degree with ergonomic mounting

11. The system should be equipped with touch screen control panel.

12. The system shall allow the user to change the image orientation

(D) Digital System

1. Multipatient data base for handling large quantities of image
2. Automatically select proper imaging parameters, Vp and mA during
3. Real time and automatic brightness and contrast should be
4. Provide a real time post processing edge enhancement capability to
5. System should save more than 1 LAC image to the internal hard disk
6. It should have facility to record online fluoroscopy
7. Should have facility for image and Fluoro sequences retrieval on
8. System should have facility for DICOM connectivity and DICOM

(E) Essential

1. Suitable UPS online to run the entire system for at least 15

Terms &

1. Unit should be European CE and US FDA approved. The quoted
2. Physical demonstration of the equipment, if required.

13). Technical Specification for Electro Surgery Diathermy With Argon Plasma Unit

- Master Module with all electrosurgical modes for CUT and COAG with Output dosage.
- Unit should be having minimum power output of at least 110watts or more with one monopolar and one Bipolar Universal socket for GI procedures.
- Devitalize tissue & stops bleeding, Non-contract technology of argon plasma coagulation
- The unit should have all necessary modalities comprising of Monopolar, Bipolar, with focused view of touch screen display with Argon –Plasma Coagulation unit on a single cart.
- Should have facility to program several numbers of settings and procedure.
- Visual and audible alarms during activation.
- Should have Bipolar CUT and COAG facility.
- Foot switch should have toggle system which will able to change more than 4 setting under one procedure.
- Automatic control of output power according to all currently available electrosurgical regulative technologies to prevent the tissue damage and charring. (The output voltage should be regulated in various levels.
- Two different Endo Cut modes (Endo Cut I&Q) or Pulse Cut modes (Pulse Cut Slow & Pulse Cut Fast) with Spray Coag Facilities for Advance Procedures in Gastroenterology.
- Should have continous patient monitoring for neutral electrode.
- Should be supplied with Argon Plasma Coagulation System.
- Should have minimum three or more modes of Argon Plasma Coagulation Including Forcep Argon Beam Coagulation, Pulsed Argon Beam Coagulation ands Smart Argon Beam Coagulation with spark control or precise mode.

- Adjustable argon flow rates and automatic monitoring of argon supply.
- Visaul and audible indicator for Argon Cylinder content.
- Should be supplied with argon beam probes for GI Procedure.
- Should have facility for activation of unit by foot pedal of the Electro surgical unit
- Unit should be USFDA and CE certified.
- Accessories of Electro surgery Diathermy and Argon plasma coagulation.
- Monopolar Cable-2nos
- Footswitch – 1nos
- Flexible APC Probes of radial, axial, lateral containing -10pcs/1box
- Patient plate disposable 100 no's.
- Trolley(Indian/OEM)
- Argon Cylinder – 2 Nos
- Pressure reducer sensor -1 Nos.
- All the Accessories should be from the same manufacturer.

14) .**Specifications for Laboratory Water Purification System.**

Schedule-1 Water Purification System

The System should be designed handle hard water conditions having feed water Conductivity upto 200 micros/cm, Free chloride-2 -3 PPM & Fouling index up to 20 or better.

There should be separate Pre-filtration unit with 5 –micron filter to remove the particulate matter with inbuilt Booster pump to maintain feed pressure of system should be provided from the same OEM.

A.1st Stage system for RO EDI Type 2 water laboratory applications & Feed to type 1 system

The unit should have the following purification stages:

1. System should have pre-treatment with activated carbon, 0.5 micron filter and anti-sealing agent to enhance the life of downstream RO cartridge.
2. Reverse osmosis should be able to reject 95-99% of ions and organics having pre and post conductivity meter of RO cartridge.
3. RO should have capillary tube to minimize the RO waste water by partial recirculation.
4. Self – regenerating electro-deionization module (EDI) to eliminate the requirement of frequent replacement of DI cartridge & Softener cartridge.
5. EDI must have carbon bead at cathode to eliminate the requirement of any softner cartridge.
6. Water quality: Flow rate: 5 L/hr, Type 2 water (Ion's organics removal up to 99%, Resistivity:.5-15 Mohm,cm, TOC<30ppb)
7. The flow rate should be temperature independent resulting constant flow rate throughout the year due to Temperature feedback mechanism.
8. Type 2 water Reservoir minimum 50 Liters Tank d auto cut-off Tank level sensor.
9. System must have option of inbuilt free software to connect it through any PC/Laptop to download the History of 6 months, to control the system Remotely through LAN cable, to see to see the complete schematic on single window of PC/Laptop.
10. System must have option to see the total throughput of the cartridge online. The cartridge should not require ant tool to replace.

11. Display water quality after every purification step (Feed water, RO Feed water RO product water, EDI Product water): Tank Level: Alarm and .....on water quality, No feed water alarm etc.

2nd stage sytem for Type -1 water analytical application:-

1. Ultrapure water machine producing water of:- Resistivity :18.2 MΩ.cm at 25 °C, TOC ppb(µg.L), Bacteria<0.01ng/ml, DNases***<4pg/µl
2. Automatic recirculation feature.
3. The polishing cartridge should contain mixture of activated carbon and mixed ion exchange beads to reduce lonic and organic level,
4. System must have accurate online Resistivity (temperature compensated and nor compensated) for the dispensing water on system display.
5. System must have easy water delivery: Manual water delivery and Volumetric water delivery.
6. System should be delivered with an ultra filtration final filter.
7. To guarantee compliance with minimum laboratory safety requirements, and to ensure that the water purification system meets internationally system shall be listed with Underwriters Laboratories (both UL and ULC), and will carry the CE mark, indicating compliance with EC Directives.
8. Both the polishing cartridge and final filter must be supplied with Quality certificate from the OEM.
9. The Vendor must have minimum 10 performance certificate from any government organisation for betterment of service.

15). Specification of GEL Documentation System (GEL DOC)

- There should be a versatile system to support a wide range of application like DNA RNA and protein & Gel Documentation.
- The Gel Documentation system should support following dyes Ethudium bromide SYBR Gold. SYBR Green SYBR Sale Gel Star Texes Red Fluorescem Gel Red Green Good View Dye, etc.
- The imaging System should have a feature touch screen of size 10 inch" which is mutlitouch capable & Display resolution of 1.024x768 pixels.
- There should be auto-detection of while light, blue light, and UV trays to adjust software parameters accordingly.
- The Gel imaging System should have a high resolution scientific grade 16-bit CMOS camera of resolution 5 megapixels, carrying a pixel size of 2.4 µm. Motorized zoom lens, a light-tight compact darkroom & a Slide-Out UV Transilluminator.
- Maximum image area should be 21x26 cm (Wxll)
- Pixel density (gray levels) should be-65535
- Dynamic range -4 orders of magnitude
- Dynamic range-4 orders of magnitude
- Bit or 8 bit: TIFF Data output – 16, JPEG image files.
- The Gel placement door should be drawer type allowing access to Gels from either direction for facilitating easy Gel excision applications.
- The imaging system should offer a camera resolution 5.02 megapixels & carry and pixel sized 2.4umx2.4um
- The imaging system should offer Tans-UV (B) and Epi white as standard illumination
- Appropriate flat fielding correction should be automatically and consistently applied to image data for every application

- image Analysis Software.
- There should be Automated lane and band identification, molecular weight or base pairs evaluation , and isoelectric point detection with the standard DNA molecular protein marker
- It should Allow Publishing resolution (dpi) and the publishing dimension should be specified with a one –click image export for publication. Provides functionality to produce images at user defined dpi and dimension.
- There should be 16 bit and 8 –bit tiff images with a one –click export option
- Software should produce customizable reports with data organized as desired, including. Lane and band identification, and molecular weight. Band sizing and quantification are based on a reference band or quality standards.
- Software should offer live updates of results with any change of analysis parameters.
- There should be background subtraction for individual bands of Gel Imagine
- The Produce should be CE and ISO certified.

BUYER SPECIFIC SPECIFICATIONS:

- More than 100 installations should be done in pan India. Order copies, user list, and installation reports should be attached with ATC.
- 1KVA Online UPS wit 1.5mm. Backup and inkjet Colour Printers should be supplied along with the instrument.
- Demonstration of the quoted product should be provided as and when required.

16). Specification for single Chamber External Pace Maker

- ✓ Should have pacing mode VVI , VOO,, AAI, AOO.
- ✓ Should have Basic Pacing rates 30-200PPM.
- ✓ Should have adjustable pulse amplitude and sensitivity threshold.
- ✓ Should have sensitivity 1.0-20mV, Asynchronous.
- ✓ Should have sensed Intrinsic and Paced activity are indicated by a LEDs and audible tones.
- ✓ Maximum Battery life pacing therapy.
- ✓ LED blinking should be given well in advance, for the battery replacement.
- ✓ Pace Maker should be compatible with any standard pacing catheter.
- ✓ Pace Maker should be supplied with extension cable and arm strap.
- ✓ Compatible to standard 9 V Alkaline batteries.
- ✓ Should have visual and audible battery life indicators.
- ✓ Should have maximum service life.
- ✓ Should be approved by USDFA and CE.
- ✓ Should a feature of lock protection to prevent accidental change of parameters.
- ✓ Should have back up while batteries are changed.

S. no.	Name of the item	Specifications
17.	Automated Glycohemoglobin analyzer with 1kv power backup online UPS and computer system with printer	• Principle: Cation exchange HPLC • Parameters: HbA1c (s-A1c) • Analysis time:2.2 min/sample • Samples: whole blood and diluted samples • Sample volume:3µl(whole blood) & 120µl (diluted sample) • Sampling method: cap piercing for primary tubes • Sample capacity: 10+2 (CAL port) built in type

		• Column: TSK gel HSI non porous column • Column connection: finger tight type • Detection method: 2wave absorption photometer 415 mm • Date storage: upto 800 samples on board USB option. • Communication: RS-232 C standard serial • Display input: touch screen panel. • Output: touch screen panel.

18 Fully Automated, Dedicated HPLC Analyzer for Direct Estimation of Stable A1c

- System should be compact bench-top HPLC system.
- System should be fully automated and should not require any manual intervention for the operation of the system.
- System should be able to use whole blood sample.
- System should use not more than 20µL of whole blood sample and 400µL of diluted sample.
- System should not take more than 7 minutes to report the first result.
- System should not take more than 2.5 minutes to analyse every HbA1c sample.
- System should be equipped with auto-sampler capable of automated haemolysis and sample dilution.
- System should be equipped with primary tube sampling with cap-piercing facility.
- System should be equipped for loading at least 10 samples at a time. Optional ports for calibration.
- System should freely run manually diluted samples without any need of sample cup adapters.
- System should automatically differentiate manual dilution and auto dilution before sampling without any operator intervention.
- System should maintain the column at an ambient room temperature (20-30°C) and does not need temperature optimization for every change of kit.
- System should not require the on-board refrigeration for reagents.
- Each column should be able to withstand minimum 2500 injections.
- Each reagent kit should suffice for a minimum of 500 tests.
- System should have on-board inventory monitoring system along with real time pressure monitoring.
- System should have proper buffer delivery system along with inbuilt degassing feature.
- System should have built-in LED colorimetric unit for quantification.
- System should have touch screen display for easy operation.
- System should be equipped with built-in thermal printer for report delivery.
- System should be equipped with RS232/LAN/USB port for computer interfacing.
- System should be able to store more than 700 patient results.
- System should be able to detect stable HbA1c.
- Estimation of stable HbA1c should by means of true chromatographic separation and should not be mediated by a software or algorithm.
- System should not need calibration on every change of Assay kits.
- System should deliver CV<3%.
- System should be able to detect HbA1c between 3%-19%

- System should not have any interference from HbF up to 20% and any other haemoglobin derivatives.
- The system should be able to detect correct A1c values in presence of abnormal haemoglobin variants like HbD, HbE, Hbs & HbC in heterozygous condition.
- System should be not use primers before each run of batches and minimal reagent consumption during automated maintenance schedule.
- System should have minimal automated maintenance procedures.
- System should be free regular decontamination processes and manual purging processes
- System should have minimal fully automated maintenance procedures along with automated air-removal feature without any requirements of service personnel or tools.
- Systems hould be LIMS compatible.
- System should have dedicated reporting software for data processing and unlimited chromatogram and easy review.
- The company should be able to provide chromatogram guide book with normal and abnormal hemoglobins.
- Test results should be traceable to diabetes control and complications trial (DCCT) reference study.
- The system should be NGSP (National Glycohemoglobin Standardisation Program) Certified and traceable to IFCC reference method.
- The system must be USFDA or European CE approved.

19). OT TABLE – Technical Specification

A. General Characteristics:

1. Mobile OR table with electrical hydraulic drive via integrated batteries and mains power supply**.**
2. Adjustment for base locked / unlocked via hand control unit by means of a four post, self levelling hydraulic locking system.
3. OR table in standard configuration of the table top generally capable to support a max. Weight capacity > 400 kg.
4. In reverse orientation, the max. Patient weight > 220 kg
5. The table should be sturdy, mobile with padded divided (split leg) foot section with bouble abduction facility.
6. OR table should have special service software for quick, uncomplicated definition of technical status and failure tracing.
7. RS-232 Port for Device Control & computer Assistant Error Diagnosis for Easy Service.
8. OT Table should be future ready for integration Technology
9. OR Table should have interchangeable position for Head Plate so that it can connect with let plate.

A. Characteristics of the OR tabletop:

OR tabletop is equipped with unobstructed intraoperative access for the C-arm over the full length. Tabletop subdivided into 4 sections:

1. Head rest, with up/down articulation
2. Back rest, preferably detachable
3. Seat plate with perinea cut-out
4. Split Leg Plates, detachable

OR tabletop should either have a Powered slide of at least 400-450 mm to permit full upper body imaging including the pelvis without having to move the patient (transitional facility controlled by remote)

For additional flexibility, the back section should be completely detachable (either in regular or reverse position) which allows for the use of several positioning accessories.
OR tabletop designed completely without X-ray interfering crossbars, for large scale application abilities of the C-arm
Guide rails underneath the table top allow for inserting of X-ray cassettes over the complete length. Including the area of the central seat section.
OR Table top surface is preferably constructed of radiolucent – Phenolic which provides superior imaging and strength

B. Control of the adjustment motions:

The adjustment of the hydraulically powered motions is controlled electrically from outside the intervention area via cable connected hand control. Hand pendant with backlight.
All powered functions can be controlled manually also (override system) via an additional control unit, stored safely on the side of the lift column. Integrated into the table's foot construction, is a foot pump operated via a retractable foot lever. It is fully functional manual system in the case of some type of failure.

C. Safety characteristics:

Every powered adjustment of the table (except for the comfort functions Flex, Beach Chair and O-Position) can be operated by activating the respective key on the auxiliary control plus operating the foot level.
Therefore, in the unlikely case of a technical failure, every OR table adjustment, including locking/unlocking the table's base, can be operated independently.

In case of a total loss of functionally, there is a foot unlock switch that will release the floor locks and allow removal of the table.
There is a integrated software –controlled crash prevention system. It is not possible to crash into table base or into floor when standard tabletop sections are attached.

D. Battery-powered/mains operations:

Maintenance –fre special-design batteries, with a capacity for approx. 50-80 surgical operations or one week of operation. The battery charge –level should be monitored electronically and indicated optically on the hand control.

E. Technical data:

Dimensions:

a) Total length of OR tabletop incl. Head rest: 2150-200mm
b) Length OR table top without head rest:1800-1950mm
c) Width of OR table top

S.No.	EQUIPMENTS	SPECIFICATIONS
20.	Cold storage for preserving Dead Bodies	• Should be modular design • Should be 20 bodies capacity • Should have a compatible one outer side opening door • Temperature range should be 0o_to+5o_C • Should have Insulating panel with injected polyurethane foam • Should have racks for keeping dead bodies • Should have security external lock

		• Should have emergency internal pushbutton • Should have emergency internal LED lighting • Should have alarm system • Should have digital programming and control command • Should have refrigerant • Cooling capacity • Nominal current • Evaporator airflow:300m3/rh • Input voltage:230,V,50 Hz • Power input:0,53 Kw • Maximal current:5,5A • Condenser airflow:375 m3/h • Refrigerant load:0,4 kg • Should have automatic defrost • Should have system that minimizes thermal losses by providing high energy efficiency • Should be CFC free • Should have certification CE according to UNE-ED-14509 • Should be ISO 9001 and 13485 certified
21.	Floor Mounted Weighing Machine for Dead Bodies	• The Platform should be a 4-cell platform. • The Platform I Should be Valid for legal Metrology. • Above – ground or recessed installation. • The Platform should be 5/7 mm thick steel checker plate. • The platform I should be of Steel structure, hot rolled U profile. • The platform I should be enamelled in black. • The platform should have OIML R-60 load cells, in steel IP67 protection, • The platform should come with ABS junction box, IP66 protection, • The system should have Individual access to each of the load cells without having to lift the platform • Height adjustable legs. • Dimensions: 2000X1500 mm approx. • Minimum Capacity should not be less than 1490 kg • Fraction :500 g • Should have access ramps.
22	Autopsy Station/Tables	• The system should be a Wall mount autopsy station with stainless steel construction AISI-304 • Stainless steel with polished finishing • Should have Sheel thickness of 1.5-2 mm • The system should have Careneed inferior hase • Leveling feet • Should have construction without corners to avoid dirt accumulation • Station – trolley anchoring system • Should have Dissection stainless steel perforated removable trays. I.Imm holes *2mm • Should have holes on corners for better handling • The system should have Central sink • Should have a medical faucet (H/C water) with vacuum switch

		• Should have Medical shower (H/c water) • Should have a Hydro aspirator with reversing flow valve • Should have a Magnetic support for instruments • Should have a waste disposal provision • Should have 2 Storage drawers • Should 2 Shelves • Should have 4 electric socket • Should be a hight Adjustable Model from 850 to 12 mm in 350 mm rang
		• **<u>For working Area</u>** • Should be provided with 2 Perforated removable trays • Should have magnetic board for instruments • Should have Shelf and 2 electrical sockets • Should be supplied with waste bucket • The Sink should have dimension 400 x400 mm approx • Should be provided with medical mixer shower/Hydraulic hose with PVC cover • Should have formalin dispenser tap • Should have Formalin sink with pre-filter and cover • Should be supplied with Automatic formalin dispenser pedal • Should be provided with Polyethylene cutting board • **For control Panel** • Should have ON/OFF light • Should be able to provide Status of formaldehyde tanks • UP/DOWN splash shield • Should show Ventilation speed percentage • Should show Hours of filter use • Should have provision of Visual alarm • **For Ventilation system** • Should have centrifugal electro-fan motors • Ventilated lower enclosure for formalin tanks • Should have Adjustable suction speed • Should have maximum suction capacity of 1404 m/3/h • Should have Emergency automatic ventilation system in case of formalin spills • Should have Aluminium axis filters with potassium permanganate impregnation specific for formaldehyde • Should be provided with Filter useful life control system managed from touchable screen • First notifications for filters replacement be of at 800hrs of use • Should have Different switch with water tight safety cover • Should have LED lighting • Should have disinfection UVC lights • Should have Eyes protection for UVC lights • Should be provided with ducts for external ventilation connection • Electrical supply 220v+_20V/50Hz • Dimensios:2400 L x 800 W x 1750 H mm approx • Should be ISO 9001 and ISO 13485 certified from and Internationally Body

23.	Hydraulic Trolley	• Should be of solid metallic structure with epoxy finishing • Should be stainless steel 304 mobile components • Should have Corners protected by bumper • Should have lateral protected by bumpers • Should have 200mm • Wheels, ABS careened to avoid dirty accumulation • Should have Central brake • Steering by pedals • Should have Bilateral pedals for hydraulic tilt/lift • Trendelemburg, antitrendelemburg position +15 o • Should have Height altitude from 565 up 885 mm by means of hydraulic columns protected by plastic cylinders that facilitate cleaning, and decontaminating for hydraulic height adjustment and two for Trendelembugu and antitrendelembugu control • Should have steering lock • Surface: should be stainless steel 304 tray • Should have Tray with handle • Tray dimensions: 2065 x 760 mm approx • Tray with drainage • Should have charge capacity 350 kg • Should have Elevation power 4500 N x 2 • Registered as class I Medical Deive • Should have CE marking from international Body • Should be ISO 9001 and ISO 13485 form International Body
24.	Mortuary trolley for shifting dead bodies	• Should be designed for Introduction/extraction of bodies from mortuary chambers. • Should be Stainless Steel construction AISI-304 • Should have sheet thickness of 1.5-2mm • Should have reinforced tubular chassis 60x20x2mm • Should have electro-hydraulic lifting system • Should have battery and charger included • Should be Epectro-polished finishing for easy cleaning • Easy handling , Fast movements • Should specially designed for daily and continuous use • Trolly weight should be142 kg • Load capacity should be 250 kg • Should have Double scissors lifting mechanism • Should have Anti-wear friction bearings. • Should have Swivel castors without brake (125mm) • Should have Front handle • Should have the possibility of manufacturing with different upper chassis configuration according necessities • Dimensions: maximum and Minimum height should be approx 1850 mm and 370 mm • Should be European CE Certified
25.	Grossing station	• Should be stainless steel construction AISI-316. Bright polished finish for easy cleaning and disinfection • Should have LED lighting • Should have Ventilated lower enclosure for formalin tanks

		• Should have Electric Antisplash shield • Should have lateral windows (safety glass) • Should have footrest • Should have Emergency automatic ventilation system (in case of formalin spills) • Should be supplied with Security switch (electric disconnector) • Should provide Acoustic and visual alarms for system notifications • Should have Formalin tanks filling level alarm • The system should have dimensions: 1500 w x950Dx 1950 to 2300 (H) approx. • The machine should stop operating unit it detects that filters have been replaced. • The system should be ISO/CE certified from an International Body
26.	Autopsy Saw with Accessories	• Oscillating Autopsy Saw should be made of light metals and gears and should be permanently lubricated. • It should comprised of exchangeable saw blades mounted ball bearing, well ventilated motor for AC 230 volt with switch housed in a shock-proof, insulated casing. • Saw must be equipped with electrical connection and 10 mtr cable cord for better mobility fitted with plug. • Preferably with speed controller that facilitated exact setting so that the rotations of the saw blade can be adjusted according to the requirements. • The complete set should comprised of autopsy saw, round saw blade, deep segment saw blade(small) and one set screw-wrench for exchange of saw blades. • The oscillation ranges between 12000-21000/min. • Must have reduced noise level. • Teflon housing for easily cleaning. • Strong motor with at least 1300RPM.
27.	Weighing Machine For Organs	• Capacity :0-20 Kg (Accuracy of 1gram) • Building : Stainless Steel Housing • Display: 6 digits LCD. • Function like Gross Weight-Net Weight – Tare-Auto – Zero should available • Stainless Steel weighing pan approximately 80 mm diameters. • Water ground illuminated (backlit) display and keypad, sealed by a durable flexible membrane. • Background illuminated (backlit display with digital least 15 mm high • Level indicator in the view field of the display • Built - in motorized calibration of weight with automatic adjustment (or calibration using an external standard weight) • Readability: 0.0001 g(0.0mg) • Repeatability: 0.00001 g (0.1 mg) • Linearity: 0.0002 g (0.2 mg)

28. SPECIFICATIONS OF LOW TEMPERATURE HYDROGEN PEROXIDE GAS PLASMA STERILZER	
S.No.	**SPECFICATIONS**
1	The sterilizer should use Low Temperature H_2O_2 Gas Plasma for sterilization with plasma energy generated inside the sterilization chamber using RF technology.
2.	Sterilization should have chamber temperature of less than 60° C at all the time during the cycle
3.	terilizer should have total chamber volume of 150-180 liters with 2 shelves , Shelf size should be of minimum 64 cm depths so that Telescopes can be sterilized easily. It should be able to sterilize 4 Trays in one cycle (Each Tray of size 24 inch x 8 inch x 2 inch)
4.	Sterilizer should have pre-programmed cycles without any room for human error due to manual programming; cycle time should be less than 70 minutes with fastest cycle less than 30 minutes. There should be separate cycle for non-lumen/lumened/flexible endoscope.
5	The quoted model should be certified for sterilization or metal and non-metal medical devices by USFDA.
6.	The sterilizer should be recommended in leading IFUs of reputed device manufacturers (e.g. Karl Storz, Olympus, stryker, Smith & Nephew, etc.) for sterilization of telescopes, cameras & other surgical instruments. Tenderer should submit Copy of these IFU with the bid.
7.	The By-products of the sterilizer should be non-toxic and eco-friendly. And should not pose risks to operators or the environment.
8.	The sterilizer should have minimal environmental Impact as per OSHA guidelines and use Gas plasma sterilization by using hydrogen peroxide, which breaks down into water vapors and oxygen
9.	After the sterilization cycle, the residual hydrogen peroxide shall get converted back into water vapour and oxygen leave minimal residues
10.	Biological Indicator Result should come in 15 minutes
11.	Sterilant cassette should be storable at room temperature and should have individual ampule to release sterilant for each and every Sterilization cycle
12.	Sterilant (H_2O_2 concentration >=55%) should be in cassette from with leak proof indicator to avoid exposure of concentrated H_2O_2.
13.	System Dimensions: Height: 1800mm, Width: 775mm, Depth:1055 mm,
14.	Automated Communication of information between the sterilizer and hospital network and instrument tracking system to improve record handling and record keeping. It should provide statistics, updates and performance data for CSSD.OT managers to assess productivity.
15.	H_2O_2 continuous monitoring using UV sensor within the chamber
16.	Terminal-sterilization, double-kill cycle to provide a sterility Assurance Level(SAL) of 10-62 injections and identical plasma phases
17.	There should be minimum 15 to 20 similar machines installed in different Govt hospitals of Jammu and Kashmir and at least 500 machines in India.
18.	Sterilizer should be supplied to run 1500 cycles. The supply of sterilant for 1500 cycles will be taken periodically. Also the rates of all the consumables and accessories should be freezed for next 5 years
19.	The Sterilizer should be supplied with 5 year warranty and the CMC rates of next 5 years should be quoted post the warranty period.

29. Broad based QR for weight bearing MRI with tilting Hydraulic Magnet Mechanism from 0°-90°

These specs are for dedicated musculoskeletal MRI system. The MRI should cover all applications: foot/ankle, knee, hip, Lumber and Cervical, spine, head screening, shoulder, elbow, and hand/wrist. The

magnet can be tilted from the horizontal to vertical position which enables the imaging of the patient in the weight bearing position, which allows visualizing the actual condition of the pathologies.

The system should meet the below mention specification

1. MRI system

- MRI system should have Tilting, Weight-Bearing MRI functionality for C spine, L spine, shoulder, and lower extremities and routine MRI examinations for all extremities.
- MRI system should have complete system, magnet, electronics and console can be installed in a single room of 28 m².
- Total system weight not exceeding 9000 Kg (19841 lbs).
- The system must be capable of performing supine, sitting (C spine) and standing MRI and should be based on magnet tilting mechanism.
- System operation should be free of consumable gas.
- The open permanent magnet should not consume than 5KVA of power in normal 220/110V power outlet.

2. Magnet systems

- MRI system should have Open design C type permanent magnet system enabling MRI examinations also of claustrophobic patients.
- Tilting/rotating Magnet design for the study of the joints and of the most important spine segments.
- The strength of the open permanent magnet should be at least 0.25 Tesla field or more.
- MRI system should have real time positioning display on the magnet.

3. Gradient system

- System should offer Gradient Strength of at least 15mT/m, Gradient Rise Time from- 20mT to 20mT of the magnet should be less than 1 m/sec and Gradient Slow Rate of at least 40 mT/m/ms.

4. Radiofrequency system: Coils

- The MRI system should be offered with the complete set of dedicated optimized coils.
- The MRI system should have receiving coils with automatic recognition.
- Coils should have the ability for the true anatomical position and multi angle position.
- Dedicated coils for every anatomical MSK district as mentioned below:
    - C spine routine & with flexion/extension
    - Lumbar spine multichannel
    - Shoulder, Elbow, Wrist & hand, knee, Ankle, Foot, Hip joint.
    - Head screening if possible

5. Computer system

- The console computer should have 12 GB RAM or higher and with, at least, a 512GB hard or higher disk drive.
- CD/DVD R/W archiving system.

6. Operating console

- The MRI system should have Monitor specifications: color LCD panel, TFT 24" or more with high resolution.
- User access: Ergonomic and Windows-like operator interface

7. Image acquisition

The system should have as mentioned below:

- Oversampling technique for increasing the quality of the image.
- Offered with Full set of sports medicine MSK pre-defined sequences and protocols.
- User defined sequences and with customized examination protocols.
- Required Sequences
  - Spin-Echo,
  - Spin-Echo Half Echo,
  - Spin-Echo Half Scan,
  - Half Fourier,
  - Turbo Spin-Echo,
  - Multi-Echo,
  - Turbo Multi-Echo;
  - Inversion Recovery
  - Short Time Inversion Recovery;
  - Short Time Inversion Recovery Gradient Echo;
  - Gradient Echo;
  - Turbo Spin-Echo;
  - Fast Spin-Echo;
  - 3D sequences Hybrid Contrast Enhanced;
  - Fast STIR;
  - Sequences with Dixon reconstruction (water and fat suppression) X bone T1/T2;
  - Turbo 3D T1;
  - Steady state sequences: HYCE, SHARC, SST1, SST2
  - Real Time;
- Should have Software for cinematic acquisition
- Should have MAR technology (Metal Artifacts Reduction)
- Should have TR reduction, Speedup technology, Geometric distortion correction method
- Should have Minimum Slice thickness:
  - From 2mm in 2D;
  - From 0.6mm in 3D
- Should have Acquisition matrix: from 128×128 to 512×512.

8. Processing system and operator interface

- Should have Control panel located on the magnet with real time management of acquisitions and facilitating patient positioning easier.
- Image processing:
  - Reconstruction time: within 2 seconds;
  - Registration, transparency and difference functions.

9. Patient table

- Should have Large Ergonomic patient table for maximum comfort.
- Should have Patient positioning and fixation suitable for Weight-Bearing MRI

10. Image hardcopy

- Should have connectivity to the DICOM printer

11. Image transfer & networking

- Should have connectivity to the DICOM/ Networked storage servers/PACS.

12. Image storage and archiving

- Should have Possibility to create patient CD/DVD including viewer.
- Should have internal at least 256 GB hard disc.
- Local archiving system: hardware and software functionality for management of a local independent archive & retrieve, independently from PACS (local PACS function).

14. Post installation technical support and service

- MRI should be quoted with CMC for 5 years.
- Facility for software up gradations free of cost during CMC period technical support within 48 hrs.

13. Company should provide CE/USFDA certificate.

14. The MRI Project should be offered with following turnkey arrangements to be done locally and price to be quoted in INR for turnkey project

Complete installation support, site preparation, and commissioning of the project with below mentioned requisites

a) 1 MRI room with console/reporting, with furniture like 3 chairs and table and Film viewer
b) 2 Numbers of non magnetic patient shifting trolley
c) Dual pressure injector with100 syringes
d) 10 KVA UPS of reputed company with 1 year warranty
e) Compatible multifunction printer with camera should also be supplied with MRI machine
f) Training for 2 Technicians or Doctors for 1 week at site or any centre in India

All electricity work inside the MRI RF room should also be done by the company; hospital will only provide 3 phase and single phase power supply.

30. RADIATION THERAPY BEAM ANALYZER
Require a full-fledged three dimensional Water Phantom & Dosimetry System and therapy be analyzer for performing Off-axis profiles, PDD, point dose measurement , beam symmetry tuning . D rate constancy check, vector scan and TG51 lead Foil measurement for low and high energy Photon, electrons. All the measurements should be computer controlled and user friendly.
All components comply with national and international regulations and safety rules. All components of the system; all available options are controlled by the same software runs under Microsoft Windows 2000 and Windows XP. The system should suitable to measure pulsed radiation with fluctuation dose rateion Chamber:
Necessary thimble ionization chamber should be there for measurement of field and reference singnal plane parallel chamber should be there for electron measurement. The necessary holding devices extension cables for the above chamber must be included. The chamber specifications should be quoted . The position accuracy should be better than ± 0.1mm. The chambers should be properly calibrated and given necessary calibration certificate.
The positioning tools should there to allow easy and exact position of the chamber's

geometric centre in the central beam and at the water surface Apart from this the exact position of the chamber the radiation beam should be possible via software.
The detector unit should be driven by stepper moter and step length should be adjustable in steps of mm. The scannings speeds should be adjustable between 5mm/sand5 50mm/s small steps. Further the delay times for each step should also be adjustable by the user. The acceleration of the step movement should also be changed as and when required.
The zero point, reference point and limit of the different detector units should be stored separately and permanently in the control unit.
The control pandent should display the actual position of the chamber position at any give measuring time.
Water Phantom/Radiation Field Analyzer;
The scanning volumes should be large enough to scan and should not be less than 4Bx40x48 cm To avoid bending of the tank's walls by water pressure and water absorption of the acrylic material 1 wall thickness should not less than 2.0cm
The motor of the moving mechanism should not touch nor dip to the water to avoid mechanical stress to the acrylic tank.
The reproducibility of a position should be ± 0.1mm through the whole phantom
The digitally driven stepper motors should provide hysteresis free movements (Stick and slip free).
The lift tables should be electically as well as manually operable.
The velocity of the vertical motion should be quoted and preferably should have two vertical velocities. The Tank must be rotatable into positions 0 degree ± 45 degree and ± 90degree.
A highly accurate Positioning device directly supplied by the principles must be included.
Water reservoir
The water reservoir should be large enough to store the water and can be pump and drain to the water phantom as quick as possible. The water Reservoir must be able to hold the entire weight of the water without any change.
The weight of the whole assembly can be push or pull though the wheel with polyethylene or equivalent.. the lifting carriage should be electromechanical/elevating screw mechanism the keeps the height absolutely accurate .
The Lifting carriage and Water Reservoir must be imported and directly from the suppliers and must complete with all facilities including TPR and TMR measurements. Completely Integrated Lifting Carriage and water Reservoir.
The Water Reservoir must be compatible for TPR measurements and hence for TPR measurements 1 pump of the reservoir should drive automatically and electromagnetic valves make sure that no water can flow the phantom tank to the reservoir during automatic TPR measurement.
The water reservoir should have a safety circuit that avoids the dry pump running Control Unit/ Electrometer.
A separate control unit for controlling the movement of the detector in any three

directions should possible
A separate electrometer to collect the ions/dose from the chamber/detector should be there the voltage to the chamber should be adjusted in the electrometer in steps of 50 V. The polarity of the chamber sgould be toggled between +/-.The electrometer should also be able to measure absolute doses for low and high energy photon and electron.
The gain of the electrometer should be automatic depending upon the signal collected by the field and referece detector. Further the user should also be given an option to change the gain to field and reference separately.
Necessary software to use the electrometer for absolute measurements should be provided.
The time constant should allow10 ms measurement times.
The external dosimeter should also be connecting to the water phantom.
The control unit should permanently store zero point, reference point and limit points for water phantom, air scanner and mechanical film densitometer separately.
These different sets of limits, zero and reference points can be retrieved independently.
Theco-Ordinate soft the probe should display for all directions, simultaneously on a control pandant.
The control pendent can be attached either to the water tank or to the control unit.
The communication between the control unit and the computer should performed by a standard RS23;interface.
The high voltage for the probe should be switchable independently for each decreased in different voltage and sign of the measuring signal can be reserved.
A solid, water equivalent phantom made up of slabs of different thicknesses shall be provided by the vendor for external beam teletherapy dosimetry. It shall be possible to use this phantom for both photon and electron beam dosimetry. The phantom shall be free of contaminants and air bubbles.The slab shall be of 30x30 cm or more size to totalling a thickness of 30cm.
Q Atools: Additional One Pressurised ION Chamber go supplied.
Control Computer:
The latest version of window computer should have the latest features with colour monitor and with printer/plotter(colour) and branded UPS (45min. Back-up)
The software:
Measurements can be done against time, against a monitors signal or against reference chamber
Within the moving range arbitrary point can be measured.
An arbitrary vector scan measurements should be possible.
Point dose measurement, Beam symmetry tuning and TG5l foil measurement should also be possible.
2D planes can be measured at any solid angle
Isodose can be displayed and plotted that can constructed out of profiles and depth dose curves or measured matrices. The Isodose level should be freely

Closable warming before unsaved date in the RAM should be over written.
The Isodose level can be chosen after the measurement and withoutthe necessity to have the water phantom connected.
Multiple closed Isodose lines and hotspots should be detected automatically-
Single measuring points, complete curves and parts of curves should be display graphically and online on the screen.
A special measuring program allows a dose rate constancy check including a statistical evaluation.
Any kind of open, regular shaped, blocked or wedged field can be measured.
Fields from a symmetric collimator scan easily be measured.
A special measuring routine for service purpose allows to easily checking the beam with respect tosymmetry, flatness, homogeneity and energy.
Implemented routines allow the measurement, formatting and transferring of basic date to all important therapy planning systems.
ION chamber based Survey meters to be provided.
Secondary standard Dosimeter with appropriate thimble chamber and parallel plate chambers with latest calibrations to be provided. Including pin point chamber for small field dosimetry with phantoms, barometer and thermometer .
Solid equivalent slab water phantom with adapters for the above mentioned chambers should be provided.
Film Dosimetric software should be provided for treatment verification Administrative Data.
Comprehensive documentation of the measured data by automatic saving of the used measuring environments should simplify the interpretation of data even along time.
The used measuring routine data can be reused either unchanged or with some of the parameter changed Data can be printed and plotted in numerical and graphical form on all printers and plotters that art supported by windows.
The administrative data can be changed after saving the measuring data. All measuring data should furnished automatically with their administrative information and comprehensive filter function allows the easily selection of specific data.
The necessary software to network the3DTBA system with the 3DTPS in the department of Radiotherapy must be offered.
Data Analysis:
Various normalization should possible viz. normalization to maximum for depth dose curves normalization to maximum or centre for profile sand normalization to maximum, enter position and value for iso dose lines.
Homogeneity and symmetry should be calculated automatically and various national and international protocols can be selected.

Depth dose curves can be analyses according to the protocols DIN6800/21AEATR277, |CR U 35CRMRino.2, AAPMTH21/TG 25 and NACP.
Data transfer and data presentation.
Modules should allow automatic formatting and transferring of measured data to treatment planning system available in the department.
The measured data can be stored in two different ASCII formats (with selectable separation characters).
ASCII -data can be sent from external computers and be imported in to the water phantom software Image date for film dosimetry can be imported into water phantom software. Data can be display graphically on the screen. Cross hairs should allow the easy manual evaluation of a curve.
Plotting/printing of the measured data and correction functions can be printed (alpha numerically) and plotted (graphically).
ARRAY DETECTOR
One Array device must be based on ion chamber array resulting in an effective measuring field of 27cmx27cm and giving the facility to use with slab phantom for measurements. The chamber must be vented plane-parallel square shaped ion chambers with 5mmx5mmx5mm size and centre to centre spacing must be 10mm.
It should be able to use for the dose verification of IMRT beams and routine quality control of high energy photon and electron beams by using the software and also it should be able to check the MLC leaf positioning. It should be able to measure the dose from dynamic and static fields in one run and display the readings in both dose rate and absorbed dose mode.
It should be able to perform the QA for high energy beams and dose verification for IMRT, IMAT. ARC beam techniques. It should be capable of doing complete pre-treatment patient plan verification with on measurement.
Cylindrical & Rotational Phantom with Inclinometer, Lifting trolley & complete drive assembly with related software module for VMAT dynamic IMRT techniques. There should be a slot & provision to Insert the 2D lon Detector Array System into the Rotational Phantom for taking synchronous measurements with the Linac Gantry Rotation. The detector should always be perpendicular to the beam & thus removing the angular dependence.
The software should have the functionality like3D volume analysis and CT overlay.
One additional Array Device with 900 or above liquid filled lonisation chamber for patient plane verification & quality control of small fields. Detector spacing should be2.5mm & the maximum fit size should be above 10x10 cm & below 12x12 cm essentially for use with Small field dosimetry.The Array device should also be usable for Stereotaxy work This Array device should be usable with the Cylindrical & Rotational Phantom.
One parallel plate chamber for electron dosimetry, one number of pinpoint chamber for small fit dosimetry along with the calibration certificate for all these chambers.
Calibrated Barometer and thermometer to be included.

Specification for Paediatric Video Bronchoscope

Compatible with CV-190 (Video Processor) and CLV-190 (Xenon Light Source)

1. The scope should have High definition CCD image quality with one touch water proof connector
2. It should have real time optical image enhancement technology that improves the visualization of vessels on the mucosal surface (Optodigital Image technology like NB/BLI/i-scan OE)
3. Insertion tube Rotation function: The insertion tube can be rotated left to right up to 120 degrees
4. Electronic magnification of 1.2x and 1.5x is now possible
5. It should have 110° Field of view
6. It should have Depth of Field 2-50mm
7. It should have Tip Deflection Up/Down 210°/130° or better
8. Rigid Distal Diameter should not be more than 4 to 4.2mm
9. Insertion Tube Diameter should not be more than 4.1 mm
10. Minimum Instrument channel should be 2.0mm or better
11. It should have minimum working length of 600mm
12. Four or more no. of remote control switches on control body.
13. Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.
14. It should to compatible with Laser and Electrocautery.

Bronchoscope (01 Nos.)

- Channel Inner diameter 2.8mm or more
- The scope should have High definition image quality
- Field view 110 or More
- Depth of field 3-50mm
- Distal End Outer Diameter Less than 6.3mm
- Insertion tube outer diameter 6 mm or less
- Working length 500-700mm
- Bending Angulation range Up-180° Down-120° or more
- Bronchoscope should be fully immersible in disinfectant and cleaning solution, without attaching any water resistant cap (One touch water proof connector)
- The insertion tube should be rotated left or right up to 120 degree
- It should have real time optical image enhancement technology that improves the visualization of vessels on the mucosal surface (Real time Narrow Band Imaging /BLI, LCI/i-scan OE)
- It should to compatible with Electrocautery