

JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.

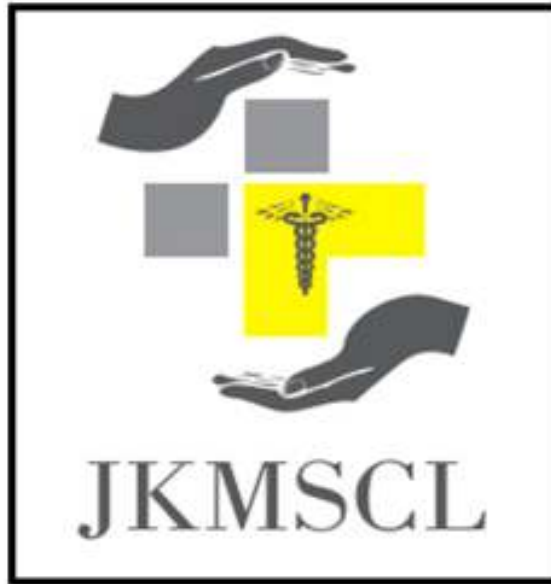
(Public Sector Undertaking of the Government of Jammu and Kashmir)

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; ismjkmcscl2018@gmail.com **website:** www.jkmsclbusiness.com



E-BID FOR THE PROCUREMENT OF MACHINERY & EQUIPMENTS :

- 3 TESLA MRI MACHINE

- 128 SLICE CT SCAN MACHINE

(REFERENCE NO: NIT/JKMSCL/M&E/2023/ 603 DATED: 05/09/2023

LAST DATE OF SUBMISSION OF ONLINE BIDS: -10-2023 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 PROCUREMENT OF MACHINERY & EQUIPMENTS

Table of Contents

S.No.	Section	Description	Pages
1.	NIL	Bid Submission Letter	
2.	NIL	Notice Inviting Bid for uploading on Websites	
3.	I	Instructions to Bidders	
4.	II	Bid Data Sheet	
5.	III	Evaluation and Qualification Criteria	
6.	IV	Bidding Forms (BF)	
7.	V	Schedule of Supply	
8.	VIA	General Conditions of Contract (GCC)	
9.	VIB	Special Conditions of Contract (SCC)	
10.	VIC	Contract Forms (CF)	

(To be submitted on letter head of Firm)

Bid Submission Letter
(Declaration Form)

Sub: - Regarding Bid submission for **NIT/JKMSCL/M&E/2023/ 603** **DATED 05-09-2023**

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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Tender No. NIT/JKMSCL/M&E/2023/603

Dated: 05 /09/2023

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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BIDDING DOCUMENT FOR Procurement of Machinery & Equipment

Tender No.	NIT/JKMSCL/M&E/2023/603	: 05-09-2023
Date of publication of e-bid		: 05-09-2023
Start date and time for download of bid document		: 05-09-2023
Last date and time for download of bid document		: 10-10-2023 at 1600 hrs
Clarification start date		: 05-09-2023 at 1100 hrs
Clarification end date		: 25-09-2023 upto 1400 hrs
Pre- bid conference		: 25-09- 2023 AT 11.00 A.M
		(at Corporate Office, Jammu/Srinagar)
Start date and time for submission of online bids		: 05-09-2023 at 1500 hrs
Last date and time for submission of online bids		: 10-10-2023 at 1600 hrs
Date and time for online opening of technical bids		: 12-10-2023 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. Google Code: <https://meet.google.com/hou-rews-out>**

TABLE-1

S. No.	Item code	Name of the item	Average Annual turnover for last 03 years
1	CT128	128 Slice CT Scan Machine	50 Crore
2.	MRI3T	3 Tesla MRI Machine	50 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.

DISCLAIMER

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

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

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

This document is neither an agreement and nor an offer or invitation by the Jammu and Kashmir Medical Supplies Corporation Limited, (hereinafter referred to as "procuring entity") to the prospective bidders or any other person. The purpose of the bid document is to provide interested parties with information to assist the formulation of their proposal/offer. The information contained in this bid document is selective and is subject to updating, expansion, revision, and amendment. Each recipient must conduct its own analysis of the information contained in this bid document or to correct 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 gmkjkscl1@gmail.com / jksclcpm@gmail.com / gmjkscl@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 gmjkscl@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	<p>Important Instructions to bidders</p> <p>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.</p> <p>The bidders are required to submit a certificate/ declaration regarding their compliance with this order. If such certificate given by a bidder whose bid is accepted and is found to be false, it will be a ground for immediate termination & further legal action in accordance with law. Bidders are required to go through the said order & Office Memorandum (s) for the necessary compliance</p> <p>Model Certificate for tenders</p> <p><i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that this border is not from such a country and is eligible to be considered."</i></p> <p>Model Certificate for Tenders</p> <p><i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fullfills all requirements in this regard and is eligible to be considered (where applicable, evidence of valid registration by the competent Authority shall be attached"</i></p>

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

S. No.	Description	Pages
1.	Introduction	
2.	Bidding Document	
3.	Preparation of Bids	
4.	Submission and Opening of Bids	
5.	Evaluation and Comparison of Bids	
6.	Award of Contract	
7.	Redressal of Grievances during Procurement Process	

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>i.e.</i> cost per test etc. The following may be examples: - 3.1, 3.2....
3.1	Adjustment for deviations in the delivery and completion schedule: - The deviation from the delivery and completion schedule specified in Section V, schedule of supply are permitted. No credit will be given for earlier completion.
3.2	Operation and maintenance cost: The operation and maintenance costs of equipments are taken into account for bid evaluation purposes. The methodology is elaborated at BOQ for determining lowest bid (L-1).
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

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

(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	<u>Quality Certification</u>				
							BIS License	ISO	CE	USFDA	Any Other

**Seal & Signature
(Authorised Signatory)**

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

Managing Director

Jammu & Kashmir Medical Supplies Corporation Ltd.

J&K

We, the undersigned, declare that:

1. I/Wehave examined and have no reservations to the bidding document of NIB No. dated.....including addenda/clarification No.:.....dated We offer to supply in conformity with the bidding document and in accordance with the delivery schedule specified in Section V, schedule of supply, the following goods and related services..... *Name of the item and Guarantee period plus etc.*
2. Our bid shall be valid for a period of minimum 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 <i>(On the letterhead of Principal manufacturer / Sole Importer)</i> <i>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)</i>	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 (2018-19, 2019-20 and 2020-21). 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 2018-19, 2019-20 & 2020-21 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

- 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”.**
- 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 All duly filled shall need to be uploaded alongwith e.bid ; otherwise no representation in this matter shall be entertained in the later stage.

ITEM WISE FINANCIAL BID (BOQ)

For Uploading Rates of Equipment

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 1st 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 CMC (Comprehensive Maintenance Contract) and Optional items 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

(For Imported equipment)

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.***

Delivery Period 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 QUOTE ; INSTEAD, LEAVE THE COLUMN BLANK" AGAINST THE SAID ITEM; AS THE SYSTEM TAKES RS. 00.00 AS L1.

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.

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.

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

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.

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).....

((On letter head of Chartered
Accountant))

ANNUAL TURN OVER STATEMENT

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

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

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

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

Average gross annual turnover _____ Lakhs

Note :

- 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.
- The turnover should be supported by the balance sheets of the respective years.
- The Certificate issued by Taxation Department shall also be considered for turn over certification.
- 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

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

Section V: Schedule of Supply

Clause No.	Description
1	List of goods and related services
1.1	Name of item.....
1.2	Related services are delivery, local transportation, installation, commissioning, demonstration and training etc.
1.3	Guarantee/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.	<p>Packing specifications</p> <p>Schedule for packing – General specifications</p> <ol style="list-style-type: none"> 1. All items should be packed only in first hand boxes only. 2. Label: Every box should carry a large outer label clearly indicated that the product is for “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. <p>Note: The weight/size of the box for packing the item may vary for the safe delivery/installation of equipment. Any deviation in the packing, if necessary shall be made after getting permission from JKMSCL.</p>
2.6	REJECTION OF GOODS:
2.6.1	Articles not as per specification/ or not approved shall be rejected by the corporation / consignee and will have to be replaced by the supplier firm at its own cost within 15 days or with time limit fixed by the corporation.
2.6.2	All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard/specifications/ samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents/specifications. The decision of JKMSCL as to the quality of stores is final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.
2.6.3	The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned shall take reasonable care of such material upto 15 days from the date of intimation only but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises. In case firm fails to remove the items within fifteen days, JKMSCL shall have full right to get the said item(s) removed & destroyed at the cost & risk of supplier/bidder, without any further correspondence. The destroying charges as per the actual plus 1% penalty shall be deducted from any amount payable to the firm.
2.6.4	No payment shall be made for defective/incorrect items.
2.6.5	In case firm wants to take back item to their service station for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification. In no case the defective equipment is allowed to be installed after rectification.
2.6.7	The bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the bidder shall be responsible. No extra cost on such account shall be admissible.

2.7	Payment Terms (For items quoted in foreign currency)
2.7.1	<p><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:-</p> <ol style="list-style-type: none"> 1. At site LC would be opened. 2. In case of supply through sea, LLOYD A level vessel would be used for shipment of supplies which should not be more than 15 years old. 3. Supplies shall be insured by the OEM till the final delivery site shall also include "Force Majeure" 4. Pre-dispatch inspection shall be carried out by OEM by certified inspection agency before shipment of supply. 5. The product shall be comprehensively insured upto site of installation for all type of insurance. 6. The charges of the L.C charged by the Govt. shall be borne by the firm. <p><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.</p>
2.7.2	Payment shall be made by RTGS. Expenses on this account, if any, shall be borne by the firm.
2.7.3	Payment to the authorised representative shall be made as per the tripartite agreement with the Corporation i.e JKMSCL on the basis of Annexure All to 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 debaring/any other penalty as per penalty clause.
2.7.6	In case of any enhancement in taxes/duty due to notification of the Government after the date of submission of bids and during the bid period, the quantum of additional taxes/duty so levied shall be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the bid. For claiming the additional cost on account of the increase in tax/ duty, the bidder should produce a letter from the concerned authorities for having paid additional tax/duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly if there is any reduction in the rate of taxes/duty of items, as notified by the

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

S. NO.	DESCRIPTION
1.	DEFINITIONS
2.	GENERAL TERMS
3.	BID SECURITY
4.	FORFEITURE OF BID SECURITY
5.	GAURANNTY CLAUSE
6.	MARKING
7.	APPLICABILITY OF RATES
8	COMPARISON OF RATES
9.	SUBMISSION OF SAMPLES AND DEMONSTRATION
10	PERFORMANCE SECURITY (P.S.) AND AGREEMENT
11.	SUPPLY ORDERS
12	SUBMISSION OF CONTRACT COMPLETION REPORT
13.	TERMS OF PAYMENT
14.	LIQUIDATED DAMAGES
15	RECOVERIES
16	INSPECTION
17	PACKING & INSURANCE
18	REJECTION
19	CORRECTION OF ARITHMETIC ERRORS
20	PROCURING ENTITY'S RIGHT TO VARY QUANTITY
21	PARALLEL RATE CONTRACT
22	VALIDITY OF BID
23	PRICE ESCALATION
24	SUBLETTING OF CONTRACT
25	FALL CLAUSE
26	GRIEVANCE REDRESSAL DURING PROCUREMENT PROCESS
27	COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST
28	DISPUTE SETTLEMENT MECHANISM
29	OTHER CLAUSES
31	JURISDICTION

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.	<p>Definitions</p> <p>The following words and expressions shall have the meanings hereby assigned to them:</p> <p>'Act/Rules' means Acts & rules prevailing in J&K Union Territory in terms of procurement.</p> <p>'Completion' Means the fulfilment of the supplies and Related Services by the supplier in accordance with the terms and conditions set forth in the contract.</p> <p>"Contract" Means the Agreement entered into between the procuring entity and supplier, together with the contract documents referred to therein, including all attachments, appendices, specifications and codes and all documents incorporated by reference therein.</p> <p>"Contract Documents" Means the documents listed in the agreement, including any amendments thereto.</p> <p>"Contract Price/Rate" Means the price payable to the supplier as specified in the agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the contract.</p> <p>"Day" Means calendar day.</p> <p>"Delivery" Means the transfer of the goods from the supplier to the procuring entity in accordance with the terms and conditions set forth in the contract.</p> <p>"GCC" Means the general conditions of rate contract.</p> <p>"SCC" Means the special conditions of rate contract".</p> <p>"Goods" Means all of the commodities, raw material, machinery and equipment, documents, warrantees and /or other materials that the supplier is required to supply to the Procuring Entity under the Contract.</p> <p>"Procuring Entity" Means the entity purchasing the goods and related services, Managing Director Jammu and Kashmir Medical Supplies Corporation, J&K, or as specified in the special conditions of the contract (SCC).</p> <p>"Related Services" Means the services incidental to the supply of the goods, such insurance, installation, training and initial maintenance, commissioning of equipment or machinery and other similar obligations of the supplier under the contract. "Subcontractor" Means any natural person, private or government entity, or a combination of the above, including its legal successors or permitted assigns, to whom any part of the goods to be supplied is subcontracted by the supplier.</p>

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

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

	<p>power of attorney in his favour to do so; and in the case of a company, the bid must be signed by an authorized signatory, in the manner laid down in the articles of association of the bidder company.</p> <p>(ii) Any change in the constitution of the firm/ company shall be notified forthwith by the bidder/contractor in writing to the Jammu and Kashmir Medical Supplies Corporation, J&K and such change shall not relieve any former member of the firm/ company from the liability under the conditions of the bid/contract. No new partner / partners shall be accepted in the firm by the bidder/contractor in respect of the bid/contract unless he/ they agree to abide by all its terms and conditions and submit a written agreement to this effect. The bidder's/contractor's receipt for acknowledgement or date of any new partner subsequently inducted, as above, shall bind all of them and will be a sufficient discharge for any of the purposes of the contract.</p>
3	BID SECURITY:
	<p>(i) Bid shall have to be accompanied with a scanned copy of FDR/CDR/BG/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.</p> <p>(ii) The bid security of bidder shall be refunded after the earliest of the following events, namely:-</p> <p>(a) the expiry of validity of bid security;</p> <p>(b) the cancellation of the procurement process; or</p> <p>(c) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted.</p> <p>(iii) The bid security lying with the JKMSCL in respect of other bids awaiting approval or rejection or on account of contracts being completed, shall not be adjusted towards bid security for the fresh bids. The bid security may, however, be taken into consideration in case bids are re-invited for the same item.</p> <p>(vi) In case any document submitted by the bidder or by his authorized representative is found to be forged, false or fabricated, the bid shall be rejected and bid security may be forfeited. Bidder/his representative may also be banned / debarred. Report with police station may also be filed against such bidder/his representative.</p>
4	FORFEITURE OF BID SECURITY: -
	<p>The bid security shall be forfeited if:</p> <p>(i) The bidder withdraws or modifies the offer after opening of financial bid, but before acceptance of bid,</p> <p>(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),</p> <p>(iii) The bidder does not deposit the 'performance security' after the supply order is placed/requested for signing the agreement,</p> <p>(iv) The bidder fails to commence the supply of the items as per supply</p>

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

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 or 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

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

- (ii) The period of rate contract shall be 24 months from the date of issuance of rate contract. The Managing Director, JKMSCL can extend the original rate contract subject to original terms and conditions for a period deemed fit by them, but not exceeding three months, for which the bidder shall abide.
- (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 until 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

	<p>execution of agreement:-</p> <ul style="list-style-type: none"> (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 : <ul style="list-style-type: none"> (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.
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11	SUPPLY ORDERS:
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	<ul style="list-style-type: none"> (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 the 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.
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	(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:
	<p>I. The time specified for delivery in the tender form shall be deemed to be the essence of the contract and the successful Bidder shall arrange supplies within the period on receipt of order from the Purchasing Officers.</p> <p>II. In case of extension in the delivery period with liquidated damages, recovery of liquidated damages shall be made at the rate of 0.25% per day for every day of delay subject to maximum of 10%. Delay beyond 120 (for Indian products) and 150 days (for imported products) shall be treated as unexecuted and attract penalty @20%.</p> <p>III. Penalty shall not be imposed if claim with regard to any supply i.e. Drugs/Equipment is complete in all respects i.e. QC verification/Board verified etc. is not cleared by the JKMSCL within a period of 60 days.</p> <p>IV. Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day.</p> <p>V. The maximum amount of agreed liquidated damage shall be 20%.</p> <p>VI. If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrance, he shall apply in writing to M.D, JKMSCL, Jammu / Srinagar (J&K), which has placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only released by purchase officer after sanction of extension in delivery period by M.D., JKMSCL.</p> <p>VII. Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of hindrances beyond the control of the Bidder, the extension in delivery period may be granted</p>

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

	<p>testing charges, if any, shall be borne by the supplier.</p> <p>(iv) If required, the consignee may refer inspection committee to match the specification with available reserved sample with the corporation which is submitted by the firm/supplier at the time of technical approval.</p> <p>(v) In case of imported item, the supplier shall ensure that the item shall be inspected by the third party inspection agency before dispatched to the consignee. In case any un-inspected item has been found in 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.</p>
17	PACKING AND INSURANCE
	<p>(i) The goods will be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather or otherwise in any situation. The insurance charges will have to be borne by the supplier and the corporation shall not be required to pay any such charges, if incurred.</p> <p>(ii) The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by sea, rail, road or air and delivery of material in good condition to the procurement officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its representative to verify any damage or loss discovered at the consignee's store, if it so likes.</p> <p>(iii) Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the JKMSCL and the same shall not be returned to him.</p>
18	REJECTION
	<p>(i) Articles not as per specifications/or not approved shall be rejected by the JKMSCL and will have to be replaced by the supplier firm at his own cost within 15 days or as time limit fixed by the JKMSCL.</p> <p>(ii) All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard, samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents. The decision of Managing Director JKMSCL as to the quality of stores be final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard/spurious, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.</p> <p>(iii) The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned will take reasonable care</p>

	<p>of such material but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises.</p> <p>(iv) No payment shall be made for defective/incorrect items. However, if payment has been made, then defective items shall be allowed to be removed only after the firm replaces material as per specifications, duly inspected. If the payment has not been made, the firm may be allowed to remove the material without prior replacement (provided firm has performance security as per condition No. 18). Joint inspection of defective material may be carried out as required by the JKMSCL. However sample of ISI marked material found defective shall be kept by consignee for reference to BIS.</p> <p>(v) In case firm wants to take back item to their works for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification.</p> <p>The Bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the Bidder shall be responsible. No extra cost on such account shall be admissible.</p>
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19. CORRECTION OF ARITHMETIC ERRORS

	<p>Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during evaluation of financial bids on the following basis:</p> <p>(i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the procuring entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;</p> <p>(ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.</p> <p>(iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to clause (a) and (b) above.</p> <p>If the bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its bid security shall be forfeited or its bid securing declaration shall be executed.</p>
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20. PROCURING ENTITY'S RIGHT TO VARY QUANTITY:

	<p>(i) The quantity of equipments and instruments originally indicated in the bidding document may vary without any change in the unit prices and other terms and conditions of the bid and the conditions of contract.</p> <p>(ii) If the Managing Director JKMSCL J&K procures less than the</p>
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	<p>quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.</p> <p>(i) If the Bidder fails to supply the Managing Director JKMSCL J&K shall be free to arrange/procure the items and the extra cost incurred shall be recovered from the Supplier.</p>
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21. PARALLEL RATE CONTRACT

	<p>The JKMSCL may also execute parallel rate contract to with more than one firm for each item on the lowest approved rates on the same terms and conditions, if the original lowest one each not in a position to supply material as per JKMSCL requirement.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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</p> <p>(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).</p> <p>(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.</p> <p>(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</p>
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	<p>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.</p> <p>(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.</p> <p>(x) The matched L-1 supplier, on placement of purchase orders, will be deemed as L-1 rate supplier for the purpose of the bid and all provisions of the bid document applicable to L-1 rate bidder will apply to the matched L-1 supplier.</p> <p>(xi) If the supplier fails to supply the item for the purchase orders, at any point of time, either fully or partly, within the stipulated time, JKMSCL is at liberty to place purchase orders with other bidders (in ascending order, viz, L-2, L-3 and so on) at the price offered by then and in such cases the supplier is liable to indemnify JKMSCL, without any protest or demur, for the difference in cost incurred by JKMSCL and the JKMSCL is entitled to recover the difference in cost from the amount due / payable to the supplier.</p> <p>(xii) Parallel rate contract may be concluded as described above during any time / currency of rate contract subject to matching of L-1 rates, price fall clause and on same terms and conditions.</p>
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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:-
	<p>(i) The prices under contract shall be subject to price fall clause. The prices charged for the store supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the stores of identical description to any other persons during the period of the contract 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.</p> <p>(ii) The firms holding parallel rate contract shall also reduce their price. Firms shall notify their reduced price and intimate their acceptance to the revised price within 15 days to JKMSCL. Similarly, if parallel rate contract holding firm reduced its price during currency of the rate contract, its reduced price shall be conveyed to other parallel rate contract holding firms and the original rate contract holding firms for corresponding reduction in their prices. If any rate contract holding firm does not agree to reduce price, further transaction with it, shall not be conducted.</p>
26	COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST:
	<p>Any person participating in a procurement process shall-</p> <ol style="list-style-type: none"> 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	<ul style="list-style-type: none"> (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 : <ul style="list-style-type: none"> (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

	<p>wound-up or taken into liquidation ;</p> <p>(d) The firm is suspected to be doubtful loyalty to state.</p> <p>(e) The State Bureau of Investigation (SBI) or any other Investigating agency recommends such a course in respect of a case under investigation.</p> <p>(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.</p>
29	No action on the letter head of the bidder /firm regarding any complaints against the JKMSCL will be considered unless the letter head bears the signature of the bidder or the authority higher than the bid signatory of the firm.
30	<p>(i) If any certificate/documents/information submitted by the bidder found to be false/ forged/ fabricated/vexatious or frivolous or malicious appeals or complaints etc. than bidder shall be liable for the appropriate legal action along with disqualification, banning, suspension etc. for limited or unlimited period.</p> <p>(ii) Bidders are required to submit wanted information (if any) based on the facts. If the furnished information by the firm found to misleading or not based on facts disciplinary action against the firm may be taken as to banning concerned item/items for certain or uncertain period.</p>
31	The JKMSCL reserves the right to accept any bid not necessarily the lowest. The JKMSCL may reject any bid without assigning any reasons and accept bid for all or anyone or more of the articles for which bidder has been given or distribute items of stores to more than one firm/supplier.
32	GRIEVANCE
	Grievance regarding interpretation of any clause of the contract/agreement executed between the parties shall be referred to Managing Director, JKMSCL for its clarification.
33	ARBITRATION
	<p>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.</p> <p>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</p> <p>i. a description of the dispute</p> <p>ii. the ground for such dispute</p> <p>iii. all written material in support of its claim</p> <p>33.1.2 The other party shall, within thirty days of issuance of dispute notice issued, furnish:</p>

	<p>I. Counter claim and defences, if any, regarding the dispute; and</p> <p>II. All written material in support of its defences and counter claim</p> <p>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.</p> <p>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.</p> <p>Note: - Small grievances regarding interpretation of any clause of the Contract / Agreement executed between the parties shall be referred to Managing Director, JKMSCL for its clarification and such interpretation(s) given shall not become subject matter for reference to Arbitration</p>
34	The JKMSCL will have the right of rejection of all or any of the bids without assigning any reason for the same. The right to conclude parallel rate contracts with another firm for the stores detailed in Table I is also reserved by the Managing Director JKMSCL, J&K
35	Extra stipulation or any other condition contrary to the above bid conditions are not acceptable and may render the bid liable to rejection.
36	The bidder must sign all the pages of bid document at the below of terms & conditions agreeing to abide by all conditions of the bid and accept them in toto. The Signing of Annexure A1 shall be treated as acceptance of all the terms and conditions of the bid document.
37	The Managing Director JKMSCL, J&K may relax or change/ modification in terms and conditions in the exigency excluding fundamental changes. In case of such urgency the terms & conditions shall be got approved from Purchase committee of Managing Director JKMSCL, J&K as the case may be.
38	JURISDICTION:- All actions, legal proceedings and suits arising from or connected to this bid shall be subject to the exclusive jurisdiction of courts in J&K only.

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

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

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

9.	The name, make, model and brand of equipments, which are offered, should be mentioned in against each item. Mere indication of English/USA/Indian will not serve the purpose.
10.	In the case of supply of imported item the suppliers may be asked to furnish a certificate to the effect that the firm has completed all the formalities in connection with import of the item in question.
11.	In case the item approved by the JKMSCL is procured by any other department on the rate contract of JKMSCL, the administrative charges to the extent of 5% of the invoice value shall be deposited by the approved firm or else, the firm/supplier shall be liable to be penalised which may lead to blacklisting/debarring from entering into the tender process for not less than 05 years by JKMSCL besides forfeiture of earnest money or any other action as 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

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

(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:

Format-Authorized Representative of Original Manufacturer/Direct Importer

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

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

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

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

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

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

Yours faithfully

Name

For and on behalf of M/S

(Name of the manufacturer/Direct Importer)

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

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, executors 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, executors 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, bidding 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 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, executors 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, executors 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, executors 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/ Distributors/ 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.

11.1 Second/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:

Technical specifications for 3 Tesla-Magnetic Resonance Imaging(MRI) System.

Technical Specifications.		
<p>The manufacturer/bidder must quote the latest state of the art 3 Tesla MR System or better as per the specifications below.</p> <ul style="list-style-type: none"> • The quoted model must be launched year 2016 onwards. • The offered model should be USFDA approved(authentic and legible certificate for the same to be annexed). • Also, the vendor will guarantee that the system supplied is not refurbished and The MR system quoted is the latest best available model in the segment(3T MR Scanner with 70 cm or more bore) quoted, at the time of delivery and should submit an undertaken in this regard. 		
S.no	Features	Essential Specifications.
1	Magnet	3 Tesla (superconducting) magnet with approximately 70cm or more bore diameter. The magnet should have display for information on coil connectivity, physiological curves, start scan. Switching off alarms, automatic transfer from different positions.
	a)Field strength	Helium only 3T (superconducting) Magnet along with facility For Quick shutdown of the magnet in case of emergency.
	b)Field stability over time	1)Should have active shielding, external interference shielding with good field stability. 2)Mention the RF frequency of operation and the field drift.
	c)Homogeneity	1)Guaranteed homogeneity of magnet by VRMS method should be given.Specify homogeneity in VRMS at 10cm,20cm, 30cm and 40cm DSV and at max. FOV achievable with the quoted scanner. 2)Should be very good for single voxel and CSI spectroscopy, specify values.
	d)Magnet Bore	1)70cm or more magnets bore diameter, after positioning of gradient, shim and RF cons.
	e)Active shielding Fringe field	1)Quote values for 5 Gauss and 1 Gauss line.
	f)Ext. Shielding	Ext. interference shield(sufficient to house the magnet, Anaesthesia and physiological monitors should be provided.
	g)Magnet Cooling System	1)The magnet should be having zero boil off rate. 2)Devices for helium level monitoring in the magnet should be supplied. 3)Liquid helium should be supplied during warranty period And comprehensive AMC. 4)The vendor should include the cold head maintenance and replacement during warranty period and also during comprehensive AMC.
	h)Shim System	1)High performance and highly stable shim system with global and localised manual and auto shimming for high homogeneity magnetic field required for imaging.(MRI/MRI), single voxel spectroscopy (MRS),and spectroscopic imaging (MRSI)

		<p>3D shimming for volume imaging and CSI.</p> <p>2)Auto shim (global and voxel shim)should take minimum time to shim the magnet with patient in position(specify the time).</p> <p>3)Specify number of shim coils including higher order.</p>
2	Patient Table	<p>1)Computer controlled subject table movement in vertical and horizontal direction.</p> <p>2)The vendor should supply fully motorized computer controlled table,with movements in vertical and horizontal directions for the main MRT patient table.</p> <p>3)Subject table should be able to take at least 140Kg load.</p> <p>4)Emergency manual transaction of the subject from the magnet.</p>
	Patient monitoring	<p>1)Patient monitoring devices for ECG,Respiratory,pulse rate, Oxygen saturation,ETCO2 at the console etc. A Comprehensive solution at patient side and at main console capable of gating the sequence protocols with respect to patients heart (ECG) and respiratory rates.</p>
	Patient comfort features	<p>1)Two-way patient communication with headphone, microphone and necessary accessories.</p> <p>2)patient audio alarm</p> <p>3)Lightning</p> <p>4)MR compatible Music System (complete)should be able to play inside the gantry</p> <p>5)One MR compatible patient trolley (to transfer patient to the magnet table)</p> <p>6) One MR compatible wheel chair</p> <p>7) Closed circuit TV and CCD video camera for patient monitoring</p> <p>8)Provide other standard patient comfort devices, with quoted system (please specify)</p>
3	Gradient System a)General	<p>1) Actively shielded gradient system in X,Y,Z planes.</p> <p>2) Minimum Gradient strength should be 44Mt/M or more Along each axis and a slew rate of 200 T/M/S in each axis. Gradient strength should be such that minimum amplitude of atleast 44Mt/M and minimum slew rate of 200 T/M/S with minimum rise time from 0 to 45 Mt/M should be 22μS. Minimum rise time from 0 to 44 Mt/m should be 220μs. The system should have 64 independent RF receiver channels (which can be demonstrated)</p> <p>3)Quote the slew rate at the maximum gradient strength.</p> <p>4)Specify the linearity of the Gradient at full FOV.</p> <p>5)100% duty cycle for full FOV.</p>
	b)Resolution Parameters	<p>1)Specify the minimum and maximum FOV achievable for the quoted MR System foreseeable to have 10-500mm.FOV.</p> <p>2)Specify min. Slice thickness in 2D &3D modes at 128x128. 256x256.512x512 & 1024x1024 matrices.</p> <p>3)The system should be capable of performing single shot EP1 (in 64*64,128*128,&256*256 matrixes)including</p>

		conventional and fluoroscopic imaging in the three orthogonal and also oblique planes. 4) Effective cooling system for gradient coil and power supply, for uninterrupted operation during summers also. The system should have efficient and adequate provision for eddy current compensation.
4	RF Transmitter, Receiver, coils	The vendor should quote the latest RF transmit technology available with them globally, as per the datasheet.
	a) RF Transmitter	1) A fully digital RF system capable of transmitting enough power (please quote the value) (as per FDA guidelines), and the operating frequency should cover 1H, & 31P nuclei (for multinuclear spectroscopy of 1 H/31P). 2) Specify max. transmitter RF power available (at 50 ohm impedance).
	b) RF Receiver	1) Optical/Digital RF receiver system with/high efficient RF receiver system/or its equivalent located on the magnet inside the shielded active room. 2) System should have 64 independent RF receiver channels (which can be demonstrated) please provide the list of coils/coils combinations that use this configuration. 3) Specify the RF receiver bandwidth for each channel 4) The system should have necessary hardware to support Quadrature phased array and flex coils.
	c) RF Transmit Technology	1) Latest RF transmit system (like Multi-transmit/Multi Drive transmit system/True form with at least 2 independent output channels should be offered to improve B1 uniformity and signal homogeneity and to reduce patient induced in-homogeneities.
	d) SAR Limits	1) SAR Limits should be as per FDA guidelines for all protocols, including neuro/abdominal imaging.
	e) Coils	1) The number of channels and number of elements for each coil should be the maximum that the vendor has in their product list. All coils (other than coils for exclusive spectroscopy, like surface coils) should be compatible to parallel acquisition. In case the vendor does not have or manufacturer a particular coil, third party coil(s) can be provided. However, it is the responsibility of the vendor to provide necessary interface (both hardware and software) to make the coil work with appropriate RF sequences etc. 2) Head coil (48-channel or more)/64 Channel Head neck, for high resolution brain, brachial plexus, nerve imaging, EPI/DTI applications, compatible with FMRI projection device quoted with the system. The coil should have built in shim arrangement for high resolution. 3) Separate coil for head neck at least 16 channels or more for routine brain/Neurovascular exams should also be quoted as standard. A built shim system in the head coil for improved imaging would be preferred.

		<p>4)Spine array coil (32 Channel or more)with built in sensor or equivalent for motion detection.</p> <p>5)Body array coil/phased Array coil with atleast 44 channel imaging for maximum Z-axis FOV of 50cms in combination with spine and single or combination of anterior coils.</p> <p>6)Dedicated shoulder array coil(16channel);If a dedicated coil is not available with the vendor, then the vendor has to quote equivalent coil(for eg.if flex coil is offered, then the number should be in a addition to the previously quoted coil)</p> <p>7)Dedicated wrist coil(16 channel)</p> <p>8)Dedicated Knee imaging Transmit/Receive 15 channel or more)</p> <p>9)Peripheral coil or whole body coil with a coverage of at least 80 cms (with a maximum combination of 2 coils)</p> <p>10)Eye/ear coil</p> <p>11)Flex coils in available sizes (minimum 2) for eternity imaging atleast 4 channel</p> <p>12)Dedicated foot/ankle coil, minimum 8 channel or more.</p>
	f) Coil Technology	1)Integrated coil technology, latest as available with the vendor to be quoted: Equivalent of TIM/GEM/D Stream or equivalent to be offered.
	g) Table Technology	1)Bolus chasing with automatic/continuous moving table should be offered and should be available with fluro triggered MR angiography for manual and fast switchover in less than 1 sec for CE-MRA.
		2) Latest table technology available with the vendor (globally) should be offered.
5	Computer contro system	1) The vendor should supply the latest computer system along with the MR system, to handle all the latest applications available on the MR System.
		2)During the warranty period, any software updates that are launched globally should be supplied and installed.
	a)Host computers and array proces	1)Latest state-of-art computer system with sufficient RAM (32 GB or more) and computational speed to match the single shot Echo Planar Imaging (EPI),interactive angiogram multi-planar three dimensional(3D) reconstruction, surface rendering and dynamic imaging, vascular imaging/angiography, and adequate storage for images and other applications.
		2) Necessary image processor with sufficiently large RAM
		3) (4 GB or more) for ultra fast image reconstruction, capable of performing real time image reconstruction.
		4) Total hard disk memory capable of storing a minimum of 2,00,000 (two lakh) images.
		5) Monitor 19” or more Medical grade monitor (3MP)with Enhanced graphics accelerator.
		6) One measurement (Main)console capable of data acquisition and all online calculations (as required for all sequences in the tender, section 6) and post processing (as required for all applications in the tender, section 7)

		7) Licenses for acquisition (As required for all sequences in the tender, section 6).Post processing and for special packages should be given explicitly (as required for all applications in the tender, section 7),listening all the capabilities of the vendors quoted product9basic standard package, premium packages, etc.
		8) The main console/workstation should have pulse sequence software license that may be required to modify and run pulse sequences. If this is not possible, the vendor should provide the necessary hard and software necessary for such applications (like laptop with system interface solution).Appropriate procedures like (research agreement)should be finalized before the installations of the equipment, So that there is delay in operation of any requirements.
	B)Additional workstation	SERVER SYSTEM: A client-server architecture based solution, minimum 20,000 concurrent slices,2 no. floating/ concurrent user license for all applications. DICOM 3.0 compatibility and interfacing with other modalities must be possible. CONFIGURATION:1no.server and 2.no.s clients/nodes . 1 user license for each of the applications to be provided as standard. LICENSES:2 no’s concurrent license here implies the capabilities to process all the loaded software to be accessible and usable on all the clients/nodes simultaneously without any processing delay. The software should also includes a reputed antivirus software of a perpetual type or renewed by the supplier. HARDWARE: client/node: CPU unit,minimum16GB RAM, Medical grade monitor of 2 MP resolution & size-21” or more, mouse, keyboard. HARDWARE SERVER: The server (single/dual configuration) should have image storage capacity of at least 2.5 Tera bytes minimum 20,000 concurrent slice processing power and atleast 64GB RAM and Octa –core 2.5GhzCPU. 21”or more TFT/LCD Monitor.
	c)CD/DVD archival	1)DVD RW drive for writing of images, spectra and raw data along with the necessary software for reading the images and spectra on DVD/CD storing capabilities.
		2)Provision for archival of K space data and raw (unprocessed) images.
	d)Networking	1)The vendor should provide level3 network switch (with 32 nodes)or latest to integrate the network.
		2)Protocols Ethernet TCP/IP standards based image transfer with DICOM 3.0 Over standard Ethernet IEEE 903(DICOM send, receive and DICOM QUERY modes).
		3)The vendor should provide the connectivity with PACS,with the user departments, as mentioned in item no.10 of this tender.
		4)The network speed and cables should match the latest industry standards(eg.10Base T/100Base T/1GB)

		5)System should be configured with different IP Series, so as Not to clash with different equipment already existing in different departments.
		6) The vendor should provide necessary networking and configuration assistance with existing PACS,HIS,RIS.
	e) Film Documentation	DICOM interface to hook DICOM compatible, dock able, latest state of art Dry Laser Camera with more than 500 dpi, capable of storing/printing images of 1024*1024(or higher, if available)matrix size in various matrix formats (including 16 format) without loss of digital resolution (Agfa/fuji/Kodak) with three online tray system.
6.	A)Data Acquisition	1)The system should be capable of 2D &3D acquisition in conventional, fast & ultra-fast spin echo and gradient echo modes so that real-time online images can be observed if needed. All the sequences that are available with the vendor at the time of quote/delivery should be provided as per their manual.
		2) 2D multi slice imaging should be possible in all planes (axial, sagittal, coronal, oblique and double oblique.
		3)Upto to 1024*1024 Matrix acquisitions preferred for all applications. wherever 2048 matrix available, please mention.
		4)Half Fourier or other techniques to reduce scan acquisition time while maintaining adequate SNR.
		5)3D volume, multiple contiguous slabs, multiple interleaved and multiple overlapping slabs.
		6)Slice thickness in 2D and partition in 3D to be freely selectable.
		7)Dynamic acquisition (serial imaging)with capability to initiate scan sequences either from the magnet panel or from the console.
		8) Dynamic acquisition: No. of repeat scans with delay time either identical time interval or selectable.
		9)Auto slice positioning from the localizer images.
		10)Maximum off centre positioning both anterior posterior and lateral direction and should be selectable.
		11)Gating: Physiological signals like ECG, Pulse, respiratory, External signal triggering (interlace for triggering input pulse from external source).The provision should be available at the console also(for FMRI,EEG etc.)
		12) Simultaneously acquisition, processing and display of image data in 2D multi-slice mode.
		13)Selection of voxels from oblique slices should be possible while doing spectroscopy.
		14)Artifact reduction/imaging enhancement/image filtering/ Image subtraction/addition/multiplication/division techniques.
		15)Flow: 1st & 2 nd order flow artefact compensation.
		16) presentation slabs:a number of relocatable saturation bands to be placed either inside or outside the region of interest.
		17)Graphic prescription.

		18)Fat saturation techniques: frequency selective RF pulses to suppress fat signals in the measured image FOV.ROI selective (regional)fat suppression should also tie riven.
		19)Magnetization transfer saturation: off resonance RF pulses to suppress signals from stationery tissue in FOV.
		20)Phase contrast capability in 2D & 3D modes.
		21)Image intensity correction.
		22)Breath hold acquisition
		23)EPI mode.
		24) DTI with MDDW or equivalent with a minimum of 12 & Selectable up to 128 direction encoding.
		25)Data acquisition in all three standard planes(axial,sagittal,coronal)and oblique and double oblique planes or more oblique planes.
		26)Higher matrix acquisition capability in single shot EPI. Acquisition time.TR, TE AND slice thickness should be clearly mentioned and supported by data sheet reference.
		27) The vendor should offer multicoil acquisition in order to optimize throughout increase and increased effective FOV individual acquisition elements of every coil should be mentioned.
	B)Imaging pulse sequences.	1)All standard and special pulse sequences available at the time of quote/delivery should be offered and quoted in the bid. If the vendor does not have any particular sequences but offers a work in progress(WIP) sequences, then it should be provided without any pre-condition like asking the institute to sign any agreement for this purpose. This also applies to any post-processing software that is offered which is WIP.
		2)The system should be capable of selecting TR &TEs as per requirement in majority of the pulse sequences.
		3)Spin echo(SE):multi-slice single echo, multi-slice multi echo (8 echo or more),SE with symmetrical and asymmetrical echo intervals and fast spin echo.MT-se imaging sequences.
		4) Inversion recovery (IR):including short TI modified IRSE,FLAIR,DIR (Double Inversion Recovery).
		5) Gradient echo(GE): with transverse gradient/RF spoiling,& transverse gradient re phasing, e.g, GRASE or equivalent etc. 3 D G Gradient.
	Fast sequences	1)Fast spin echo and GE sequences in 2D & 3D mode with T1, T2 & PD contrast capable of acquiring maximum number of slices with a given TR a minimum TE, echo train should be at least 128 or more in fast spin echo mode.
		2) Half Fourier acquisition capabilities should be available with/without diffusion gradients and in combination with/fast spin echo.
		3)Fast inversion recovery with spin echo.
		4)Fast gradient spin echo IR multi-slice multi-echo mode with maximum ETL. Sequences should incorporate RF focusing to acquire ultra-fast gradient spin echo.
		5) Fast gradient echo sequence should incorporate RF spoiling and other technique to acquire images in Ultra-fast 2D and 3D

		modes.
		6)Fat and water suppressed imaging sequences.
		7)EPI optimized sequences (with and without fat suppression)
		8)For T1,T2,PD Imaging, perfusion, regular diffusion values(at least 5b,3 directions)EPI FLAIR,EP-1-IR.EPI FLAIR diffusion tensor, and 128 directions)and diffusion studies. Suitable artefact/fat suppression techniques to be incorporated in the sequence to have optimum image quality.
		9)There should be capability of calculating ADC map(isotropic and anisotropy from the regular diffusion and tensor data).
		10)Optimized sequences for special applications.
		11)Multi-band EPI: Simultaneous Multi Slice Accelerate Advance applications for neuro & body (optimal, price to be quoted separately)
	Optimized sequence packages	Mention all available packages.
	C) Neuro	1)All T1(2D,3D),T2(2D,3D),IR(2D,3D),Dual IR(2D,3D)sequences.
		2)Sequence for internal ear imaging for visualization of line structures like cranial nerves(appropriate sequences like CISS,etc. or equivalent. Mention the sequences provided.
		3)3D sequences for internal auditory canal imaging.
		4)Dynamic imaging of pituitary using appropriate sequences.
		5)Whole spine T1,T2,IR sequences.
		6)Whole neuro examination with automatic planning. Scanning and post processing, with single localizer positioning, without changing the coils/repositioning.
		7)2D/3D ASL
	D)Angiography	1)MR angiography:2D/3D TOF,2D/3D Phase contrast/with and without gating)and magnetization transfer saturation, black blood angiography for cerebral,pulmonary,abdominal and peripheral vessels.
		2) For Peripheral moving table angiography should he offered covering hip to limbs to be examined in one go with high resolution and high SNR.
		3)Bolus tracking software package.
		4)Sequences for breath hold angiography with contrast enhancement.
		5)Sequences for time resolved angiography with contrast kinetics.
		6)ECG triggered non contrast angiography
		7)Contrast bolus tracking(including single shot whole body MRA,interactive and automatic tracking ,etc.).
		8)Perfusion study in organ system like kidney, brain,etc. with T1 perfusion with permeability maps and quantitation of rCBF/rCBV,MTT,etc.,with colour maps.
	F) Diffusion/DTI	(1)Sequence package for diffusion including DTI Tractography)study in organs like brain,kidney, muscle, heart, spine,breast,etc.
		(2) There should be capability of calculating ADC map(isotropic)and anisotropic from the regular diffusion and

		tensor data).
		(3) MR diffusion tensor imaging package with tractography
		(4)MR neuro functional imaging sequence package (incl.Mosaic,etc.)
		(5)Zoom IT/resolve or equivalent, application for high resolution for small FOV diffusion imaging.
	G) Body imaging	1)Flow quantification in vessels and CSF,hepatobiliary system.
		2)Fly through facility with flow analysis including display of various velocity values.
		3)Optimized breath hold sequences for abdominal studies including angiogram.
		4)MR cholangiography and pancreatography: specialized sequences and processing to perform MRCP.
		5)Pulmonary 2D/3D MRA sequence, including single breath hold sequence.
		6)MR ventriculography, cisternography, myelography.
		7)Single sequence to acquire four different contrast(in-phase, out of phase water only, fat only).The same technique should be used in other sequences, for dynamic photography/T1 quantitative analyses.
		8)Parallel acquisition techniques including new sequences. Specify the technique used and the factor by which the acquisition time is reduced for similar acquisition with and without parallel imaging technique. Mention the sequences.
		9)Flow quantification packages for CSF with dynamic CSF flow imaging, aqueduct and spinal canal.
		10)Radial/spine pulse sequences for ultrafast imaging.
		11)Suitable artefact/fat suppression techniques to be incorporated in all the sequences to have optimum image quality.
		12)A sequence for differentiation of fluid and carriage in ortho applications(sequences like DESS or equivalent)
		13)Susceptibility artefact correction techniques to be incorporated in all the sequences to have optimum image quality.
	H)SWI	1)Sequences for susceptibility imaging.
	I)Prostate imagin	1)Sequences for imaging of prostate
	J)Whole body diff and STIR,Angiogr	DWIBS or equivalent,whole body imaging using inversion recovery sequence,whole body MR angiography.
	1)m-Dixon	1)Provide sequences like m-Dixon for all applicable sequences, m-Dixon-HD or equivalent.
	m)Relaxometry	T1 mapping and T2 mapping with necessary post-processing's/w.
	n)Motion correcti	1)Sequences for in-line motion correction for uncooperative patients/children (with software and acquisition sequences like BLADE, PROPELLAR, Multivane or equivalent.
		2)Sequences with ultra short TE
		3)Sequences for nullifying CSK pulsation artifacts
		4)Whole body imaging (using body coil and surface coils)
		5)Whole body diffusion weighted imaging (using body coils)
		6)Automated fusion and composing for the above two (without any artifacts.

		7)Volume acquisitions for Neuro applications
	o)MR Spectroscopy	1)System should have capability to perform multi planar proton
		2)Proton MRS Sequence for single-voxel acquisition, with selectable fat/lipid saturation (eg.VAPOR,CHRSS,etc)with all post-processing software.
		3) Proton Multi-voxel CSI(2-D and 3-D) acquisition and metabolite mapping with all necessary RF sequences (and post processing algorithms)with all post processing software.
		4)If separate coils are needed for carrying out MRS ,it should be provided.
		5)RF sequences for prostate, liver musculoskeletal and brain (if there are any specialized/optimized sequence available ,the same should be offered)-with all post processing software.
		6) Water and lipid suppression in automated sequences.
7	Post processing and evaluation	1)License of all the post processing and evaluation packages should be provided for the main and additional console/workstation.
		2) Specify clearly number wise the algorithms that need licenses and a statement whether these have been provided in both the main console and the additional workstation (Satellite console/extended workspace).
	Special Application Packages.	1)The vendor must provide their specialized and optimized imaging sequences in the main Acquisition console; Post processing packages in the main acquisition console and additional workstation.
		a) Neuro (Smart exam/Ready suite/Smart brain/etc.).
		b)Body
		c)Oncology
		d)Angio (including DSA approach, capturing arterial, capillary and venous phases in a single acquisition with a single bolus)
		e)Ortho and MSK, Metal artefact reduction software should be provided as standard for imaging of joints with prosthesis.
		f)Liver (including 3D T1 fat sat for dynamic liver imaging.
		g) paediatric
		h)Breast
		i)Prostate
		j)Necessary composing software for whole body applications. Smart Exam/Smart Brain/Ready suite/Brain Dot Engine/equivalent techniques should be quoted in all available imaging packages.
	i)MPR	1)Multi Planar reconstruction (MPR) in any arbitrary plane including curved planes with freely selectable slice thickness and slice increments.
		2)Surface Reconstruction and evaluation on reconstructed images with minimum time.
		3)MIP in displaying in cine mode 2D &3D mode, Targeted/segmented MIP in any orthogonal axis with minimum processing time and capable of displaying in cine mode.
	j) ADC, Perfusion etc	1) Evaluation and display of diffusion images, ADC map, FMRI in reference of EPI-Optimized sequence.
		2)perfusion image evaluation with time intensity graph and

		other statistical parameters.
		3)Evaluation package for calculating rCBV,rCBF,MTT, perfusion map, corrected CBV calculations; Fusion of perfusion map with contrast enhanced 3DT1 images etc. Mention the package/software offered with brochure.
		4)Flow quantification and evaluation far vascular (high & low) CSF, bladder outlet and cine display.
	Arterial Spin Labeling	2D/3D ASL processing and quantification package in main console/additional workstation.
	Liver Segmentation	Automatic liver segmentation and volumetric analysis.
	K)Bold analysis	1) Evaluation of functional images of brain with appropriate statistical algorithms, colour display and overlay on base anatomical images. 2)Software for evaluation of functional mapping (BOLD Evaluation and Neuro-metabolite mapping).
	l)Tractography	Post-processing package for DTI and Tractography, estimation of ADC,FA (Lambda parallel, perpendicular separately and combined),Fibre tracking, fibre statics, and display of fibre tracts on anatomical images.
	M) Image Statistics	1)Measurement of distance, area, volume, angle, mean, SD, image addition, subtraction, multiplication, division, interpolation, Segmentation ,threshold, histogram. 2)Image filtering and image fusion software. 3)Software for co registering MRI/FMRI/MRS/Metabolite mapping images with images from CT,PET, and SPECT. 4)Evaluation features like zoom,rotation,scroll,roaming,Image synthesis,multi point T1 and T2 calculation (More than 8)window stretching,text dialogues graphics, sorting, searchmfl, archiving,recalling etc.
	N) Spectroscopy	1)Full post-processing for single-vowel MRS, CS1 (Multi voxel MRS),Metabolite mapping with colour coding(metabolic images etc,for brain prostate and for other applications. 2)Post processing should include FFT,base line correction, curve optimization,automatic phase correction,metabolite imaging,spectral mapping,magnetic resonance spectroscopic imaging(molecular imaging)with naming and peak integral values for all in vivo metabolites.
	O)Advance organ Specific imaging	Any advanced organ specific imaging with automatic planning, scanning and post-processing applications should be quoted.
	P)Silent MRI	Silent MRI for neuro protocols including T1W,T2W imaging without any loss of image quality on all sequences (like Neuro Silent/silenz ,or equivalent),with noise less than 80Db.The quiet scanning should be without loss of SNR.
	Q)Advanced Compress Sensing imaging	System should have the advanced compressed sensing imaging for high speed image acquisition for brain, body, MSK. Also offer simultaneously multi-slab acquisition for diffusion and FMRI of the brain.
		1)Functional imaging with package for BOLD imaging and Processing package (capable real time processing and display

		of colour-overlay (in real time)using Head coil being supplied with the system.
		2)Complete (MRI) solution including audio visual projection (8D capable)system,with headphones with very good noise suppression(>30Db)(Preferable to have LCD/LED monitor projection).
		3)The system should be integrated with stimulus presentation/paradigm generator software, along with permanent license (like super lab,Nordic aktiva)
		4)The paradigm presentation should be synchronized with the scanner(fur starling along with measurements).
8	Functional MRI Accessories and post processing	1) Functional imaging with package for bold imaging and processing package (capable of real time processing and display of colour overlay (in real time)using 32 channel Head coil being supplied with the system.
		2)Complete (MRI solution including audio visual projection (3D capable)system, with headphones with very good noise suppression (>30dB)(preferable to have LCD/LED monitor projection).
		3)The system should be integrated with stimulus presentation/paradigm generator software,along with Permanent license (like super lab,Nordicaktiva, Sensevue-in vivo presentation,etc) tele med
		4)The paradigm presentation should be synchronized with the scanner(fur starling along with measurements)
9	Quality assurance and phantoms	1)Phantoms for routine quality assurance for all coils (including body coil)
10	Standard MRI Accessories	1)Rechargeable hand held metal detectors(2 Nos.)
		2)Walk through metal detector with multiple sensor and Multiple location LED(Zone 111 TYPE)-01no
		3)MR compatible patient monitor (Annexure1) and MR compatible infusion pump (annexure2) (specifications are mentioned separately)
		4)High standard Ferro Guard should be installed at entrance of mr room to detect/alert ferromagnetic Articles
		5)(unit price of lines and tubing's to be quoted separately for Additional requirement)
		6)a.)MR compatible Dual Pressure Injector (minimum 2000 Gauss line) b.)Please quote the price of the consumables for the quoted MR compatible pressure injector (for 1000 syringes and 1000 patient tubing's),valid for a period of 5 years. This has to be supplied in a staggered manner, after consultations with the user. This is to be quoted separately.
		7)Unit price of syringe and tubing's to be quoted separately for additional requirements.
		8)MR compatible anaesthesia machine (specifications are mentioned Separately:Annexure 3)
		9)Two quantity:Non-Magnetic IV stand
		10)Two quantity:Digital Patient weighing Scale (in the range

		between 0 to 200 kg)
		11)MR compatible storage carts and wall mounted cabinets.
		12)Coil cabinets to be provided.
		13)Network cable and other require materials for the complete installations to be provided by the supplier.
		14)MR compatible crash cart 1 no.
		15)MR Compatible instruments trolley-1 no.
		16)MR compatible patient trolley (to transfer patient to the magnet table)with both vertical and horizontal movements with hydraulic operation and should take a minimum load of 150 Kg in both vertical and horizontal motion(Model :Adjustable Height Trolley:MRS501 OF War dray Premise Ltd. U.K or Adjustable Height Trolley, Femo,UK or equivalent)-1no.
		17)MR compatible wheelchair (War dray/equivalent model)with cushion,back-rest and anti rest)-1 no.
12	Antivirus s/w an updates	1)All the servers and workstations in the network(MRI console, additional workstation, PACS Workstation, FMRI workstation,etc)that is supplied by the vendor should be provided with antivirus software9periodically updated)for years.
		2)The vendor should provide antivirus updates for 5 years and make sure of the updated antivirus every week (using automatic-updates with internet facility by the vendor)
		3)The vendor should ensure that all the above modalities include necessary connection ,I mage and work list send/receive, image and data storage, scheduling, patient registration, and synchronization functions as per DICOM standards for smooth and effective integration to RIS/PACS
13	Accessories	1)Ten Chairs with arm rest with medium back without casters(Godrej/Gee ken make)
		2)Table for the MRI console, MRI additional console/workstation. FMRI Workstation.
		3)Necessary Desk, chair and Rack for the PACS Server & workstation to be provided by the supplier.
		4)All the necessary interconnecting interfaces, cables, modules and other hardware and software to fully integrate the system for full operational status.
		5)Uninterrupted power supply(UPS) with sufficient capacity (appropriate rating as required for MRI and chiller)for 30 minutes backup of the full load MR System and its accessories during Patient MR Imaging.
		6)Diesel Generator of 300 KVA capacity with silent enclosure, to support the MRI and all accessories(optional).
		7)2 quantity MR compatible oxygen cylinders (for the anaesthesia system)
		8)Good quality air curtain at MRI entrance (for patient entry), To filter the dust and prevent the leakage of a/c.
		9)One high quality LED projector for conference room of reputed brand like Sony or equivalent.
		10)2 Laptops with latest operating system (specifications to be discussed with department of Radiology) for viewing the images,reporting and making teaching presentation.

	Image Storage Solution	<p>x)Image Storage Solution:The existing system Syngo Imaging XS and Syngo Plaza need to be augmented by a PACS system capable of storing DICOM data from DICOM modalities,100 TB image storage system to enhance the workflow and be ready for 100%redundancy to provide 100% backup for existing stored data in Syngo imaging XS & Syngo Plaza.The system should allow high speed transmission and viewing of Data with adequate security measures against viruses, unauthorized access, and encryption to prevent misuse.</p> <p>It will be the responsibility of the vendor to demonstrate capabilities/functions Quoted as well as complete seamless integration of their solution with the existing system to the technical evaluation committee onsite.</p>
14	Training	Advanced training to be provided by the vendor at the site for faculty, Residents, students and Radiographers so as to Benefits the latest applications available on the system. The Training should be minimum period of 12 weeks, staggered.
15	Installation on site	1)The system should be installed and handed over in working condition.
		2)All the necessary interconnecting interfaces,cables,modules and other hardware and software to fully integrate the system for full operational status.
		3)Installation and integration of the uninterrupted power supply(UPS),as quoted in 1 3(v) and (v1).
		4)Generator with sufficient capacity for operation of MRI(Including powerful gradient sequence),accessories air conditioning, etc(minimum capacity should lie 300KVA),The necessary cabling from the generator including the panel to be provided.
		5)The UPS,Generator and other local items have to be quoted in Indian rupees only.
		6)Water/Air Chiller should be of good quality.
	Air conditioning works	2)Air conditioning that is required for the MRI equipment, examination room, and console areas have to be carried out by the vendor with a new unit. Proper duelling and other necessary work has to be carried out without damaging existing structure. The vendor should discuss with the engineering section and the department before quoting for site modification.
		3)Necessary adequate air-conditioning units. The vendor should discuss with the engineering section and the department before quoting for site-Modification.
		4)The installation of the MR System should be complete with all accessories.
16.	Special Condition	Please see Annexure for special conditions, including warranty and CMC.
	1.	Original Product Datasheet of main unit and all accessories, including third party items to be provided.
		All agreements should be binding on principal. The principals should be responsible for any lacuna or deficit in service or supply.
	2.	All items in the supply order should be supplied during the time

		of installations. No exception will be allowed.
	3.	Items under Research Agreements should be finalized well in advance after receipt of supply order),so that there is no delay in delivery of software or coil or any other accessories.
	4.	Software upgrades/updates (where hardware are not required) like new pulse sequence, new application package etc, should be provided within one month after release worldwide(any country,viz North America/Europe/Germany,etc.) In case, the same is not provided in time, the parent company should undertake the responsibility to implement the same. This is to make sure that the machine Slavs updated with similar products for atleast 5 years.
	Warranty period	
	5	The warranty period of the 3T MRI System commences from The date of handing over(from the date of issue of inspection Note) the fully functional unit of all coils and the accessories supplied (such as UPS including batteries replacement as when required, AC, Generator etc.)including third party items such as MR compatible infusion pump, patient monitor with probes ,MR compatible anesthesia machine and Ferrogard to the institute ,against manufacturing defects of material and workmanship.The Helium supply and cold head repairs (including replacement, if needed)should be included in the warranty period.
	6	Note: any Liquid Helium Filling, due to quenching or due to Any other causes during the warranty period shall be borne by the firm,(except purchaser's fault).
	7	If a particular coil is not working for more than 5 days and due to which patient work suffers, the firm will be asked to pay penalty of half-a-day beyond 5 days for each day that it is not working.
	Post Guarantee Annual Comprehensive Maintenance Contract (CMC):	
	8	The post warranty (after 5 years)CMC should be comprehensive and should include helium and cold head (repair and/or replacement)+Labour+spares for the complete system which includes all the accessories supplied such as UPS, Generator, AC,etc.(including all consumables like batteries for UPS, and maintenance for another 5 years. This CAMC should be quoted in Indian rupees.
	9	Note any liquid Helium filling due to quenching or due to any other causes during the CMC period shall be borne by the firm.
	10	If a particular coil is not working for more than 5 days and due to which patient work suffers, the firm will be asked to pay penalty of half-a-day beyond 5 days for each day that it is not working.
	8 AIR CONDITIONING : minimum 16 TR (10 TR working+6 TR standby)(The vendor to verify that the capacity is adequate)	
	1	Duct-able split air conditioners and splits AC units may he used according to room requirement and suitability. Humidity control should be effective to eliminate moisture condensation on equipment surface. The air conditioning should be designed with

		standby Provision to function 24 hours a day.
	2	The outdoor units of AC should be located as approved by the institute and should have full coverings to prevent theft and damage.
	3	Copper pipes and valve panel to be used for the chiller to the MRI.
	4	Environment Specifications:
	a)	Humidity range :Relative humidity 60% and 80% in all areas except equipment room which shall be as per requirement of the Equipment.
	b)	Temperature ranges:22+2°C in all areas except equipment room which shall be as per requirement of the equipment.
	c)	Air conditioning load: The heat load calculations and maintaining the desired temperature and humidity shall be the responsibility of the bidder.
	9 Furniture:	
	1	Revolving chairs height adjustable, medium back with hand-rest in the control room, Radiologist room and viewing area, 8Nos.
	3	Cupboard with laminate door shutters for storage of spare parts and accessories and records as per requirement-3Nos.
	4	Drug trolleys for patient preparation area-1Nos.
	5	Name boards for all rooms
	6	Tables for workstation and Radiologist in reporting room. 4 Nos.
	7	All furniture items should be of standard make as mentioned in the table below.
	10 Miscellaneous:	
	1	LED X ray film viewer with adjustable brightness; capable of holding 3 films of 14" *17" size, 2 Nos.
	2	Cabling of network (LAN)connectivity for camera system, console system, workstation, servers and computers etc.
	3	Cabling for broadband connection: for REMOTE SERVICE OF MRI SYSTEM.
	4	MR compatible piping and outlets (4 lines) for Medical Air, Oxygen, Vacuum and N2O.To be provided in the Gantry room. The Hospital gas lines will be terminated outside the MRI area.
	11 CIVIL & ELECTRIC WORK	
		Civil and electric work if required will be forwarded to vendors after finalization of drawing with engineering department for their evaluation and costing

Annexure 1

Specifications for MR Safe Dual Channel/Syringe/Volumetric Pump (Infusion Pump)

1. The MR Safe pump should be adaptable both as a syringe pump as well as a volumetric pump.
2. It should be designed for use in MR environment and not adopted for the purpose (should not be a non MR pump in an RF cage).

3. It should have a non magnetic ultrasonic motor to provide accurate fluid delivery from infants to adults with capability of delivering two drugs simultaneously.
4. It should come with a 10 digit keypad entry system for ease of programming.
5. It should be 10000 Gauss compliant so that it can be placed anywhere in the MR room.
6. It should have a large LCD display providing high visibility.
7. Expanded delivery range of the pump should be 0.1-1400ml/hr.
8. It should have a long-life lithium polymer battery pack for more than 10 hours back up once fully charged.
9. The syringe set should be self vented type with a very low priming volume.
10. The system should be field upgradable to pulse oximeter monitoring.
11. The downstream occlusion pressure should be adjustable from 1-10 psi to suit various cannula sizes and viscosity of the drug to be infused.
12. There should be an air line ultrasonic bubble detector.
13. It should have a 360° visible green/red bright flashing alarm light indication sufficiently big to be observed from control room itself in event of any alarm situation or for regular drug delivery confirmation.
14. Optionally and MR Safe free standing IV Pole & a wireless remote control which can control the pump in a seamless bidirectional manner using 2.4 Ghz spectrum should also be quoted along with the main system.
15. It should be CE marked and FDA approved.
16. All the accessories including batteries should be provided for 10 years.
17. It should be approved by major magnet manufacturer like Siemens/Philips/GE for use up to their 3T magnets.

Annexure 2

Specifications for MR Safe Portable Multi-parameter Vital Sign Monitor

1. It should be a fully Non-Magnetic multi parameter portable patient monitoring solution, designed to be small, easy to use and lightweight.
2. MRI vital signs monitor able to travel with the patient.
3. It should be 30000 Gauss compliant so that it can be placed anywhere in the MR room (upto 3 Tesla MRI)
4. It should help in increased staff efficiency by simplifying inter-department transfer and faster emergency response with the monitor docked to the patient's bed.
5. The unit should come with wireless vital signs 3 or 5 lead ECG with trusted artefact free SpO2 technology.
6. The unit should come with wireless control room light weight monitor with base station having backup charging dock.
7. Clinical Features: Standard
 - SpO2 with perfusion Indicator: Wireless
 - ECG: 3/5 Lead: wireless
 - Non-Invasive Blood pressure
 - Dynamic Trend Indicators
 - Tri-colored alarm light
 - Full gas module with ETCO2 sidestream
 - Invasive Blood pressure.
 - Accessories, MR Compatible Laryngoscope
 - Vendor should provide the pediatric & Adult SPO2-03 each
 - Vendor should provide the pediatric & Adult BP Cuff-03 each
 - Vendor should also quote the price for SpO2 probe and BP Cuff (pediatric & Adult) Separately for the further purchase if required.

Should be European CE marked/FDA marked

Annexure3

MR Compatible Anaesthesia Machine

S.No	Description
	The system should be compatible with 3T MRI systems(minimum 400 Gauss line)since it will be used with other MRI systems in case of need/emergency. Should be ,antistatic, heavy frame & base with good quality castors with front brakers,with following features:
1	Three gas model viz Oxygen ,Nitrous oxide and Air.
2	Should be compact, ergonomic, easy to use and easy to maintain.
3	Should have separate fresh gas outlet for use in open circuit.
4	Machine should have flow meters for oxygen,Nitrous oxide and air.Emergency Oxygen flush should be avaiable.There should be facility to select oxygen-air or oxygen-nitrous oxide with the help of a separate switch or knob.
5	Flow sensing capability/pneumatic ventilator at inhalation and exhalation ports.
6	Should have paramagnetic/galvanic cell oxygen sensors.In case of galvanic cell sensors,the firm should supply free sensors for the entire warranty period of 5 years.In case of Paramagnetic sensors,the firm shall ensure that there is no down time during repair of these sensors (if necessary) and provide a standby alternative.
7	Shall have back-up Oxygen control which provides an independent fresh gas source and flow meter control in case of failure.
8	Pressure regulators shall be of modular design.
9	Should have oxygen fail safe device & an auxiliary built in oxygen flow meter.
10	Electronic or Mechanical Hypoxic Guard to ensure minimum 25% Oxygen across all O2-N2O mixtures.
11	Oxygen failure warning by audible alarm should be provided.
12	The consumables like appropriate length of circuit, tubings, lines ,etc should be provided for adults, pediatric and neonates for a period of one year.
1	Facility of mounting minimum 2 vaporizers, latest technology, key filler, selectatec type, tool free installations, meaning any vaporizer of our choice can be mounted at will with interlocking facility. It should be preferably of the same make as that of machine.
2	Temperature, pressure and flow compensated with high accuracy of delivered concentration of volatile Anesthetic agent. Should be maintenance free.
3	Vaporizers should be supplied (Sevoflurane).2 vaporizers will be preferred if available.
1	The machine should have an integrated Anesthesia Ventilator system, Facility to vary respiratory parameters and should be able to ventilate adult and pediatric patients including infants.
2	Ventilator/pneumatically controlled time cycled ventilator should have controlled ,Manual, spontaneous modes.
3	Tidal Volume (inspired and expired respiratory rate,1:E ratio ,minute volume Airway Pressure &FiO2.
4	Should have Tidal volume and fresh gas compensation mechanism.
6	Tidal volume (VT) 20-1500ml(Volume Control),Rtae at least 4-80 BPM.
7	Inspiratory/Expiratory ratio(1:E)2:1 to1:6 & peak flow-100 to 120L/min.
8	Ventilator should have at least 30 min rechargeable battery backup for ventilator.
9	Machine should have an integrated breathing circuit with circle absorber of good quality,easy to clean, autoclavable, fewer parts to reduce leaks.
10	Machine should have mounting capability of one O2 and one N20 pin-indexed cylinder
11	Adult autoclavable (2sets)breathing circuits & one paediatric circuit to be Provided.

12	The machine should be equipped with AGSS.
13	All the accessories should be provided for 10 years.
14	Anesthesia workstation should be USFDA approved.

Technical Specifications		
Purchase of 128 sub mm slice per rotation CT Scanner		
S.No	(A)Features	(B)Essential Specifications
1.Gantry		
1.1	Aperture	≥70cm
1.2	Scan field	≥50cm
1.3	Gantry Tilt	Minimum physical/Digital tilt of 20 degree on either side.
1.4	Integrated display Panel	Integrated display panel gantry front OR tablet based on mobile workflow showing patient information,an ECG,breath- holding and scan guidance.
2.X-ray Generator		
2.1	Output Capacity (actual and not effective)	≥7.2 KW or more
2.2	mA range	20-600mA or more
2.3	kV	80-135KVP or more
3. Tube Assembly		
3.1	Tube Voltage	80-135KVP or more
3.2	Tube current range	600mA or more
3.3	Anode heat storage capacity	>=6MHU or Direct Cooling Technology
3.4	Anode heat diss rate	>=1MHU per minute
3.5	Focal spot	Please specify
4. Patient Table		
4.1	Maximum load capacity	≥200 kg
4.2	Scannable range	≥1800 mm
4.3	Longitudinal table speed	≥100 mm per sec
5.Scanning modes		
5.1	Spiral scanning	
5.1.1	Spiral exposure	At least 60 sec or more
5.1.2	Scan time for Full 360 degree Rotation in all modes	0.35 sec
5.2	Axial Scanning	
5.2.1	Slice thickness (Axial mode)	0.625-5 mm variable
5.2.2	Dynamic multiscan	It must be possible to do dynamic multiscan for any body part.
6.Data Acquisition System-Latest Detector Configuration		
6.1	No.Of acquired/generated slices per rotation in all modes	Minimum 128 slices in all modes.

6.2	Whole brain perfusion	The system should do whole brain CT perfusion with coverage of not less than 8 cm.
6.3	Dynamic CTA	Enabling 4D CT DSA ,time resolved perfusion with a minimum range of 8 cm.
6.4		CT-guided intervention 3D fluoroscopy
7 Patient communication		
7.1	Integrated patient intercom	There should be integrated patient intercom
7.2	Automatic patient instruction	A standard set of commands for patient communication Before, during and after scanning should be available in the English and hindi language.
8 Patient registration		
8.1	Pre-registration	It should be possible to do pre-requisition of patient at any time prior to scans.
8.2	Emergency registration	Special Emergency registration should be possible.
9.Operator console with table		
9.1	CPU processor	Minimum quad core processor,900 GB hard disc,32 GB RAM. The best available option to be quoted by the vendor.
9.2	Display	One large minimum 18" high resolution LCD monitors with a display of 1024*1024 or more.
9.3	Software	Should perform the functions like scanning image Reconstruction, film documentation, MPR,CT angiography,MIP,3D ,VRT, SSD, fly through, readymade perfusion for stroke imaging.
9.4	4D Workflow	4D workflow with direct generation of axial,sagittal,coronal or double-oblique images from standard scanning protocols.
9.5	CT Angiography and automated removal	Protocols to do CT angiography of anybody region and Accurate presentation of subtracted CTA data sets.
9.6		Following Applications on all 2 concurrent users: a)Stroke Analysis & Quantification b)Complete Liver Volumetry & Segmentation.
9.7		Metal artefact reduction (MAR) should be available in CT Main console or workstation.
10 IMAGE POST PROCESSING.		
10.1	Architecture	Architecture: A client server Architecture based solution (intellispace portal/AW Server/Syngo via etc)Added para: Server Hardware details: Intel Gold cpu 8-core,64 to 96 GB RAM,3TB storage with separate disks for system SW,win server 2019 edition /Linux & NVIDIA 5 TO 8 GB GPU Mandatory hardware replacement of the server,client PC'S and medical grade monitors to the latest available and compatible version,after 5 years from installations.
10.2	Client hardware (5 units)	specification for each client station
10.2.1	Monitors	One 19" or more display monitor per client,each monitor of 2 megapixels or more,mouse,online continuous ups of at least 2kVA
10.2.2	CPU UNIT	CPU unit with 2 six core processors,minimum 32 GB (8 GB*4)RAM,NVIDIA 1 GB OR equivalent,1 TB hard drive and 256 GB SSD
SERVER S/W		
10.3	Basic capabilities (2 or more concurrent user for all applications)	
10.3.1	MPR	Real-time multi –planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR,
10.3.2	ROI EVALUATION	Parallel evaluation of multiple ROI in circle,irregular and polygonal forms.

10.3.3	Statistical evaluation	Image annotation & labelling,angle measurement and distance measur
10.3.4	2D	2-D,including image zoom and pan ,image manipulation s,reversal of grey-scale values.
10.3.5	3D	MIP,Min IP,SSD,VRT & other advanced 3D applications and color-codi different tissues.
10.4	Advanced applications as mentioned below(2 numbers of concurrent license)	
10.4.1	CT Angio	Automatic table and bone subtraction in CT angiography, single click bone removal ,manual vessel tracking, ability for a bone free visualization of the selective highlighting of high contrast structures, vessel tracking, single click stenosis measurement and coronary vessel tracing.
10.4.2	CT Neuro perfusion	Software for advanced cerebral perfusion study with stroke protocol and summary maps of the perfused area.
10.4.3	Cardiac function Scoring	Left ventricular Analysis(LVA),Left ventricular wall analysis and autom left ventricular segmentation.
10.4.5	Integrated fusion	Multi-modality fusion –fusion between PET-CT,PET-MR,CT-MR,MR-SPECT,MR-MR,etc.
10.4.6	Neuro DSA	For evaluating cranial arteries by single click bone subtraction.
	Quote price of each item separately	
	CT fluroscopy	CT fluroscopy guided biopsy with near real time needle visualization w monitor of 18” or more,cart for carrying monitor and foot switch.Please the price separately
11 Image reconstruction		
11.1	Recon speed	Minimum 35 images/sec
11.2	Recons field of view	5 to 50 cm continuous
11.3	Recon Matrix	512x512
12. Dose Reduction Techniques		
12.1	Pre-patient collimation	There should be pre-patient collimation to reduce unnecessary dose to patient.
12.2	Latest iterative Reconstruction Technique:	Iterative reconstruction technology for all imaging protocols which reduces dose while simultaneously improving low contrast detectability & spatial resolution and reduces noise.
12.3	Pediatric & Infant protocol.	Dedicated pediatric/infant protocol to be offered by the vendor.
13 Certification		
13.1	Should have import/manufacturing license from central licensing authority or state licensing authority of CDSCO for medical devices and copy of valid license should be submitted for the quoted model. In case the vendor has not yet obtained import/manufacturing license from CDSCO for the quoted model, proof of application for CDSCO medical device license to be submitted in the bid document and valid CDSCO license to be produced at the time of supply/NOA for the quoted model.	
13.2	The system should be AERB type approved and the copy of E-LORA listing should be submitted along with bid.If the quoted model has not been yet installed in	

	India,vendor should submit NOC from AERB. Regular QA according to AERB norms will be responsibility of bidder during warranty and CMC period.
13.3	Regular QA according to AERB norms will be responsibility of bidder during warranty and CMC period.
13.4	Offered system should be BIS European CE with 4 digit notified body no/ USFDA certified.
14.Dual Head Pressure Injector	
14.1	Dual head pressure injector Dual head pressure injector with synchronization with CT Scanner (of any make), with dual flow with 50 nos. of syringes &200 sets of tubings. Unit price or disposable syringe and tubing set should be quoted separately and the same should be valid during warranty period.
15 Dry chemistry camera	
15.1	Dry chemistry camera Dry chemistry Camera of DPI 500 or more of any reputed make.
16 UPS	
16.1	UPS UPS with maintenance free batteries capable of 30 minutes back up to entire CT,Computers,Dry chemistry camera,work stations etc.
17 MULTIPARAMETER MONITOR	
17.1	MONITOR Multi para monitor 10 inch monitor,ECG,SPO2,NIBP Module of a reputed make for monitoring vital parameters.
18 MISCELLANEOUS	
18.1	Lead Aprons Light weight lead aprons(0.25mm lead equivalent)with hangers-4 Nos.
18.2	Lead Glass Led Glass of 200x100cm as per AERB Norms.
18.3	Lead Apron Stand Lead Apron stand-1No.
18.4	Thyroid Thyroid shields-2 Nos.
Shield	
18.5	GONALD Shield Gonadal Shield-2Nos.
18.6	Standard patient positioning accessory and restraining device. All standard Accessories pertaining to patient comfort and desired study like patient restraint kit, coronal head rest, table pad, cushions and pads.
18.7	Remote Diagnostics Service Software for remote diagnostics service over a telephone line. The broadband line will be provided by end consignee.
18.8	Training On site Training for a period of 4 (four) weeks for consultants /technologist residents.
19	The scope of work-Site Modification work-CT
1	The scope of work includes complete civil work, Electrical, Plumbing, Furnishing, Air-conditioning and fire detection system for the construction of CT Scan Centre.
2	While preparing the plan, the following aspects have to be addressed.
A	Care should be taken to provide easy negotiation of the patient stretchers/trolleys through corridors and doors. Adequate steel railing like protection of the CT TABLE to avoid hit by the incoming stretchers to be done.
B	Radiation shielding for doors, walls, windows etc.
C	Furniture like desk, chairs, shelves etc.

D	Patient stretcher and other furniture/accessory to make the scan centre functional.
3	The cost of site modification work for the area of 1000 sq.ft. and air conditioning of Tonnage 20 TR (including standby units)will be considered for ranking/ evaluation purpose.
4	Moreover Bidders will have to quote the unit Rates of the following components of site modification work.
A	Civil works
B	Electrical work
C	Public Health (plumbing and sanitary fittings).
D	Air conditioning(HVAC)
E	Interior Furnishing & Furniture
F	Miscellaneous
	Scope of work for site modification work CT unit works:-
	The scope of work includes complete civil work, Electrical, plumbing, Furnishing, Air conditioning and fire detection system for the installation of CT centre.
	The CT SCAN CENTRE shall consist of the following rooms:
A	CT Gantry Room
B	Console room
C	Equipment room
D	Patient preparation room cum change room
E	Radiologist room
	The actual area of site modification work done will be considered for payment, based on the unit rates and site measurements.
	Civil work
A	Civil construction work including construction of brick wall if any, plastering, flooring as per the approved plan and equipment layout plan.
B	Concrete bed at CT equipment area.
C	Platform for unloading and shifting the CT should be provided necessary.
D	Cable tray, trench &channel-necessary trenches, cable tray and channels at required location would be provided.
E	All the construction work to be done as per the final plan approved by the Consignee.
a)	Flooring
1	600x600mm vitrified tiles with 100 mm like skirting to match in CT Gantry & console room, lobby and patient preparation areas, Radiologist room etc.
2	50mm thick cement concrete flooring with vinyl flooring in CT Equipment /UPS room.
b)	painting
1	2 coats plastic emulsion paint over 2 coats of wall putty including primer in patient preparation area, lobby area, console room & equipment room and radiologist room etc. Added Para:Full Height wall lies should be provided in the CT Gantry room.
c)	False Ceiling
1	Acoustical tile for ceiling with light weight insulating material of high Quality supported above ceiling. Finished with white paint or powder coated with white paint, if metallic ceiling height to suit the equipment mount and clearances.
	Plumbing work
1	Hot water service to be provided if required.(The water supply line and drain line will be provided by consignee upto CT complex)
	Electrical work
1	The supplier shall be required to specify the total load requirements for the CT can centre including the load of air conditioning, room lightning and for the accessories if any. The supply line will be provided by the vendor. Few lights in each room shall be connected to the UPS to provide emergency lightning.
2	The electrical work shall include the following:

A	Wiring-All interior electrical wiring-with main distribution panel board, necessary MCBs, DB, Joint box, switch box etc. the wires shall be of copper of different capacity as per the load and should be renowned make as listed below.	
B	Switches light and power points should be of modular type and of standard make as listed below.	
C	General lights-LED light fittings with 500 Lux Illumination.	
D	Added Para: Adequate number of earthing required for equipment and accessories should be provided by the equipment vendor.	
3	AIR CONDITIONING	
	Ductable Split/Ductable package air conditioners may be used according to room requirement & suitability. Humidity control should be effective to eliminate moisture condensation on equipment surface. The air conditioning should be designed with standby provision to function 24 hours a day.	
	The outdoor units of Ac should have grill coverings to prevent theft and damage.	
	Ventilation is required in toilet.	
	Dehumidifier of 110 Litre-2 Nos. to be provided.	
3	Environment specifications:	
	Relative humidity range :To be maintained between 60% &80% in all areas except equipment room which shall be as per requirement of the equipment.	
a)	Temperature ranges:22+2°C in all areas except equipment room which shall be as per requirement of the equipment.	
b)	Air conditioning load: The heat load calculations and maintaining the desired temperature and humidity shall be the responsibility of the bidder.	
	FURNITURE	
A	Revolving chairs height adjustable, medium-back with hand-rest in the control room, Radiologist room and viewing area-4Nos.	
B	Chairs for patient waiting area-3Seater (chrome plated).-10Nos.	
C	Cupboard with laminate door shutters for storage of spare parts and accessories(approx. size of 6" x 3") & records as per requirements-Qty 3 Nos.	
D	Drug trolleys 1 no. of patient preparation area.	
E	Patient trolley with rubber foam mattress to be kept in the patient preparation room.	
F	Name boards for all rooms	
G	Tables for workstation and Radiologist-2Nos.	
H	Dustbin:10 nos.	
	All furniture items should be of standard make as mentioned in the table below.	
	Miscellaneous	
1	LE X-ray film viewer with adjustable brightness: capable of holding 3films of 14" x17" size.-2nos.	
2	Cabling of network (LAN)connectivity for camera system, console system, workstation and computers etc.	
3	Broadband connection: Broad band connection will be provided by the end user however, internal LAN cable work should be done by the vendor within the CT room. Also vendor should provide hardware accessories like wireless dual band router or required access points.	
4	Fire extinguisher Dry CO2 type as required for the building safety.	
	LIST OF ITEMS AND SUGGESTED MANUFACTURERS.	
S.NO	ITEMS	PREFERRED MAKES
A	Flooring vitrified tiles	Somany,Kajaria,H&R Johnson, RAK India
B	PAINT	Dulux,Asian Paints,Nerolac
C	PLUMBING	Kohler,Jaguar,Grohe,Roca
D	SANITARY ITEMS	CERA, Hind ware, Parry ware
E	ELECTRICAL	

1	Cables	Finolex,Havells,V-guard
2	Switches	Legrand,L&T,Crabtree,Roma
3	Distribution Box,MCB	Legrand,L&T, Siemens, Havel's
4	Light fittings	Philips/Crompton/Wipro/Syska
F	Air conditioning	Daikin,Hitachi,Blue Star,Voltas
G	Furniture	Herman Miller,Godrej,featherlite,Geeken
S.NO	Bill of quantity	
1	CT Scanner 128 SLICE CT with software packages,as specified	Qty 1 no
2	Servers :as specified	Qty 1 no
3	Workstation Nodes:as specified	Qty 5 no
4	Dry chemistry camera :as specified	Qty 1 no
5	Lead Glass of 200*100cm	Qty 1 no
6	UPS with maintenance free batteries	Qty 1 no
7	Dual Head pressure Injector	Qty 1 no
8	pressure Injector syringes	Qty 50no's
9	Tubing's for pressure Injector	Qty 200 sets
10	Multi para monitor :as specified	Qty 1 no
11	Ultra-light weight lead aprons	Qty 4 no
12	Lead apron hanger	Qty 4 no
13	Lead apron stand	Qty 1 no
14	Thyroid shield	Qty 2 no
15	Gonadal shield	Qty 2 no
	Components of site Modification work	
1	Civil work	1000sqft
2	Electrical work	1000sqft
3	Public health (plumbing and sanitary fit)	1000sqft
4	Air conditioning	20 TR
5	Interior furnishing & Furniture	1000sqft
6	Miscellaneous items	
	Furniture:	
1	Revolving chairs height adjustable, medium -back with hand rest	Qty 4 no's
2	Chairs for patient waiting area-3 seater (chrome plated)	10 no's
3	Cupboard with laminate door shutters for storage of spare parts and accessories (approx. size of 6"*3"0and records as per requirement.	Qty 3 no's
4	Drug trolleys for patient preparation area.	Qty 1 no
5	Patient trolley with rubber foam mattress	Qty 2 no
6	Tables for workstation & radiologist	Qty 2 no
7	Dustbins	Qty 10 no's
8	Room signage	Qty 2 no
9	Venetian blinds	1LS

	Miscellaneous:	
1	LED X-RAY Film viewer	Qty 2 no
2	Cabling of network (LAN) connectivity for camera system, console workstation and computers etc.	Qty 2 no
3	Fire extinguisher ABC type of 2 kg each required for the building safety	Qty 5 no's
4	Dehumidifier of 110 litre	Qty 2 no's

