

TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF EQUIPMENT

FOR AND BEHALF OF

**North Eastern Institute of Folk Medicine, Pasighat,
Arunachal Pradesh**

On behalf of

GOVT. OF INDIA

MINISTRY OF HEALTH & FAMILY WELFARE

HLL/PCD/NEIFM-01/14-15



Issued by

HLL LIFECARE LIMITED

(A Govt. of India Enterprise)

Procurement & Consultancy Services Division

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SECTION I

NOTICE INVITING TENDERS (NIT)

Tender Enquiry No.: HLL/PCD/NEIFM-01/14-15

Dated 28.04.2014

1. Procurement & Consultancy Services Division of HLL Lifecare Ltd, for and on behalf of North Eastern Institute of Folk Medicine (NEIFM) invites sealed tenders, from eligible and qualified tenderers for supply of following equipment for NEIFM, Pasighat, Arunachal Pradesh :

Sch. No	Name of Equipment	QTY	EMD
1	AUTOCLAVE – TABLE TOP (25 LITRES)	1	10000
2	REFRIGERATED CENTRIFUGE – Table top swing bucket	1	9000
3	CENTRIFUGE - TABLE TOP	1	3800
4	DEEP FREEZER -20oC	1	7500
5	DEHUMIDIFIER	1	2500
6	WATER PURIFICATION SYSTEM	1	8000
7	ELECTRONIC BALANCE (HIGH END ANALYTICAL) (200g / 0.1mg)	1	9000
8	INCUBATOR with SHAKER	1	4000
9	LYOPHILIZER (Freeze Dryer)	1	20000
10	MAGNETIC STIRRER	1	3000
11	HOT AIR OVEN (Table top)	1	2500
12	VACUUM OVEN	1	5000
13	VORTEX MIXER	1	2500
14	SHAKING WATER BATH	1	4000
15	DISSECTING MICROSCOPE	1	7500
16	DIGITAL POLARIMETER	1	7000
17	SONICATOR	1	12000
18	SOXHLET APPARATUS	1	12500
19	TLC SETUP WITH PLATES	1	5000
20	MULTI CHANNEL PIPETTES- Variable Volume	1	5000
21	HEAVY DUTY BLENDER	1	13000
22	MANUAL CAPSULE FILLING MACHINE	1	15000
23	FILTER PRESS	1	4000
24	MECHANICAL SIFTER /SIEVE	1	20000
25	GRINDER / PULVERIZER (2 no.s)	1	20000
26	INVERTED PHASE CONTRAST MICROSCOPE	1	30000
27	LAMINAR FLOW	1	8000
28	SPECTROPHOTOMETER	1	13000
29	AUTOMATED URINE ANALYSER	1	18000
30	ELISA READER & WASHER	1	10000
31	SEMI AUTOMATED BIOCHEMISTRY ANALYSER	1	6000
32	ECG MACHINE - 12 CHANNEL	1	3000

Sch. No	Name of Equipment	QTY	EMD
33	500 mA HIGH FREQUENCY X-RAY UNIT	1	40000
34	ULTRASOUND SCANNER - B/W	1	20000
35	DISSOLUTION APPARATUS – 6 stations	1	7500
36	DISINTEGRATION APPARATUS	1	10000
37	FRIABILITY APPARATUS	1	15000
38	DISTILLATION APPARATUS (Kjaldhal Apparatus)	1	8000

Tender No.: HLL/PCD/NEIFM-01/14-15

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	29.04.2014 to 28.05.2014 on all working days between 10:00 Hrs. to 16:00 Hrs IST.
ii.	Place of sale of Tender Enquiry Documents	HLL Lifecare Limited, Procurement & Consultancy Services Division,B-14 A, Sector-62,Noida-201 307
iii.	Cost of the Tender Enquiry Document	Rs. 2,000/-
iv.	Pre Tender Meeting Date & Time	06.05.2014 , 1100 Hrs IST
v.	Pre Tender Meeting Venue	Same as 2 (ii)
vi.	Closing date & time for receipt of Tender	29.05.2014 , 1400 Hrs IST
vii.	Time and date of opening of Techno – Commercial tenders	29.05.2014 ,1430 Hrs IST
viii.	Venue of Opening of Techno Commercial Tender	Same as 2 (ii)

3. Interested tenderers may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee of Rs. 2,000/- per set in the form of account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of "**HLL Lifecare Limited**" payable at New Delhi.
4. If requested, the Tender Enquiry Documents will be mailed by Registered Post/Speed Post to the domestic tenderers and by international airmail to the foreign tenderers, for which extra expenditure per set will be Rs 100/- for domestic post and Rs 500/- for international airmail. The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para 3 above.
5. Tenderer may also download the tender enquiry documents from the web site www.lifecarehll.com or www.eprocure.gov.in and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.
6. All prospective tenderers may attend the Pre Tender meeting. The venue, date and time indicated in the Para 2 above.

7. Tenderers shall ensure that their tenders, complete in all respects, are dropped in the Tender Box located at **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201 307, Uttar Pradesh** on or before the closing date and time indicated in the Para 2 above, failing which the tenders will be treated as late and rejected.
8. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.
9. The Tender Enquiry Documents are not transferable.

Head (P&CD)

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A. PREAMBLE

1. Definitions and Abbreviations

1.1 The following definitions and abbreviations, which have been used in these documents shall have the meanings as indicated below:

1.2. Definitions:

- (i) "Purchaser" means Ministry of Health & Family welfare Govt of India.
- (ii) "Tender" means Bids / Quotation / Tender received from a Firm / Tenderer / Bidder.
- (iii) "Tenderer" means Bidder/ the Individual or Firm submitting Bids / Quotation / Tender
- (iv) "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract.
- (v) "Goods" means the articles, material, commodities, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, industrial plant etc. which the supplier is required to supply to the purchaser under the contract.
- (vi) "Services" means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- (vii) "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- (viii) "Contract" means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (ix) "Performance Security" means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- (x) "Consignee" means the Hospital /Institute/Medical College/ person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of despatch to another person as provided in the Contract then that "another" person is the consignee, also known as ultimate consignee.
- (xi) "Specification" means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xii) "Inspection" means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
- (xiii) "Day" means calendar day.

1.3 Abbreviations:

- (i) "TE Document" means Tender Enquiry Document
- (ii) "NIT" means Notice Inviting Tenders.
- (iii) "GIT" means General Instructions to Tenderers
- (iv) "SIT" means Special Instructions to Tenderers
- (v) "GCC" means General Conditions of Contract
- (vi) "SCC" means Special Conditions of Contract
- (vii) "DGS&D" means Directorate General of Supplies and Disposals
- (viii) "NSIC" means National Small Industries Corporation

- (ix) "PSU" means Public Sector Undertaking
- (x) "CPSU" means Central Public Sector Undertaking
- (xi) "LSI" means Large Scale Industry
- (xii) "SSI" means Small Scale Industry
- (xiii) "LC" means Letter of Credit
- (xiv) "DP" means Delivery Period
- (xv) "BG" means Bank Guarantee
- (xvi) "ED" means Excise Duty
- (xvii) "CD" means Custom Duty
- (xviii) "VAT" means Value Added Tax
- (xix) "CENVAT" means Central Value Added Tax
- (xx) "CST" means Central Sales Tax
- (xxi) "RR" means Railway Receipt
- (xxii) "BL" means Bill of Lading
- (xxiii) "FOB" means Free on Board
- (xxiv) "FCA" means Free Carrier
- (xxv) "FOR" means Free On Rail
- (xxvi) "CIF" means Cost, Insurance and Freight
- (xxvii) "CIP (Destinations)" means Carriage and Insurance Paid up to named port of destination. Additionally the Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.
- (xxviii) "DDP" means Delivery Duty Paid named place of destination (consignee site)
- (xxix) "INCOTERMS" means International Commercial Terms as on the date of Tender Opening
- (xxx) "MOH&FW" means Ministry of Health & Family Welfare, Government of India
- (xxxi) "Dte. GHS" means Directorate General and Health Services, MOH&FW.
- (xxxii) "CMC" means Comprehensive maintenance Contract (labour, spare and preventive maintenance)
- (xxxiii) "RT" means Re-Tender.

2. Introduction

- 2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – VI – "List of Requirements", which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.
- 2.2 This section (Section II - "General Instruction Tenderers") provides the relevant information as well as instructions to assist the prospective tenderers in preparation and submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.
- 2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.
- 2.4 Before formulating the tender and submitting the same to the purchaser, the tenderer should read and examine all the terms, conditions, instructions, checklist etc. contained in the TE documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these TE documents may result in rejection of its tender.

3. Availability of Funds

- 3.1 Expenditure to be incurred for the proposed purchase will be met from the funds available with the purchaser/consignee.

4. Language of Tender

- 4.1 The tender submitted by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, shall be written in the English language, unless otherwise specified in the Tender Enquiry. However, the language of any printed literature furnished by the tenderer in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for purposes of interpretation of the tender, the English translation shall prevail.
- 4.2 The tender submitted by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, may also be written in the Hindi language, provided that the same are accompanied by English translation, in which case, for purpose of interpretation of the tender etc, the English translations shall prevail.

5. Eligible Tenderers

- 5.1 This invitation for tenders is open to all suppliers who fulfil the eligibility criteria specified in these documents.

6. Eligible Goods and Services

- 6.1 All goods and related services to be supplied under the contract shall have their origin in India or any other country with which India has not banned trade relations. The term “origin” used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied.

7. Tendering Expense

- 7.1 The tenderer shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its tender including preparation, mailing and submission of its tender and for subsequent processing the same. The purchaser will, in no case be responsible or liable for any such cost, expenditure etc regardless of the conduct or outcome of the tendering process.

B. TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

- 8.1 In addition to Section I – “Notice inviting Tender” (NIT), the TE documents include:

Section II	– General Instructions to Tenderers (GIT)
Section III	– Special Instructions to Tenderers (SIT)
Section IV	– General Conditions of Contract (GCC)
Section V	– Special Conditions of Contract (SCC)

Section VI	– List of Requirements
Section VII	– Technical Specifications
Section VIII	– Quality Control Requirements
Section IX	– Qualification Criteria
Section X	– Tender Form
Section XI	– Price Schedules
Section XII	– Questionnaire
Section XIII	– Bank Guarantee Form for EMD
Section XIV	– Manufacturer’s Authorisation Form
Section XV	– Bank Guarantee Form for Performance Security/CMC Security
Section XVI	– Contract Forms A & B
Section XVII	– Proforma of Consignee Receipt Certificate
Section XVIII	– Proforma of Final Acceptance Certificate by the consignee
Section XIX	– Instructions from Ministry of Shipping/ Surface Transport (Annexure 1 & 2)
Section XX	– Check List for the Tenderers
Section XXI	– Consignee List

8.2 The relevant details of the required goods and services, the terms, conditions and procedure for tendering, tender evaluation, placement of contract, the applicable contract terms and, also, the standard formats to be used for this purpose are incorporated in the above-mentioned documents. The interested tenderers are expected to examine all such details etc to proceed further.

9. Amendments to TE documents

- 9.1 At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it.
- 9.2 Such an amendment will be notified in writing by registered/speed post or by fax/telex/e-mail, followed by copy of the same by registered post to all prospective tenderers, which have received the TE documents and will be binding on them.
- 9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.

10. Clarification of TE documents

A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than fifteen days (unless otherwise specified in the SIT) prior to the prescribed date of submission of tender.

C. PREPARATION OF TENDERS

11. Documents Comprising the Tender

11.1 The **Two Tender System**, i.e. “Techno - Commercial Tender” and “Price Tender” prepared by the tenderer shall comprise the following:

A) Techno – Commercial Tender (Un priced Tender)

- i) Earnest money furnished in accordance with GIT clause 19.1 alternatively, documentary evidence as per GIT clause 19.2 for claiming exemption from payment of earnest money.
- ii) Tender Form as per Section X (without indicating any prices).
- iii) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.
- iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorisation Form. **While giving authorization to agent , to quote on their behalf, manufacturer has to give the reasons for not quoting directly against this tender.**
- v) Power of Attorney in favour of signatory of TE documents and signatory of Manufacturer's Authorisation Form.
- vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
- vii) Performance Statement as per section IX along with relevant copies of orders and end users' satisfaction certificate.
- viii) Price Schedule(s) as per Section XI filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
- ix) Certificate of Incorporation in the country of origin.
- x) Checklist as per Section XX.

B) Price Tender:

The information given at clause no. 11.1 A) ii) & viii) above should be reproduced with the prices indicated. **In case of tenderers quoting for more than 1 (one) item, the prices for the quoted items should be submitted in separate sealed covers.**

Note:

1. All pages of the Tender should be page numbered and indexed.
2. It is the responsibility of tenderer to go through the TE document to ensure furnishing all required documents in addition to above, if any.

- 11.2 The authorized signatory of the tenderer must sign the tender duly stamped at appropriate places and initial all the remaining pages of the tender. Individuals signing the tender or other documents connected with a contract must specify whether he signs as:
- i. A 'Sole Proprietor' of the firm or constituted attorney of such Sole Proprietor.
 - ii. A partner of the firm ,if it be a partnership , in which case he must have authority to quote & to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney;
 - iii. Constituted attorney of the firm if it is a company.

Note:

1. In case of (ii) above, a copy of the partnership agreement or general power of attorney, in either ,case, attested by a Notary Public should be furnished, or affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.

2. In case of the partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the tender and all other related documents must be signed by every partner of the firm.
3. A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrantee that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages

11.3 A tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.

11.4 Tender sent by fax/telex/cable/electronically shall be ignored.

12. Tender currencies

12.1 The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees.

12.2 For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency say US Dollar, Euro, GBP or Yen. As regards price(s) for allied services, if any required with the goods, the same shall be quoted in Indian Rupees only if such services are to be performed /undertaken in India. Commission for Indian Agent, if any and if payable shall be indicated in the space provided for in the price schedule and will be payable in Indian Rupees only.

12.3 Tenders, where prices are quoted in any other way shall be treated as non -responsive and rejected.

13 Tender Prices

13.1 The Tenderer shall indicate on the Price Schedule provided under Section XI all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required. If any column does not apply to a tenderer, same should be clarified as “NA” by the tenderer.

13.2 If there is more than one schedule in the List of Requirements, the tenderer has the option to submit its quotation for any one or more schedules and, also, to offer special discount for combined schedules. However, while quoting for a schedule, the tenderer shall quote for the complete requirement of goods and services as specified in that particular schedule.

13.3 The quoted prices for goods offered from within India and that for goods offered from abroad are to be indicated separately in the applicable Price Schedules attached under Section XI.

13.4 While filling up the columns of the Price Schedule, the following aspects should be noted for compliance:

13.4.1 For domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:

- a) the price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;

- b) any sales or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
- c) charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;
- d) the price of Incidental Services, as mentioned in List of Requirements and Price Schedule;
- e) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- f) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:

- a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;
- b) The amount of freight and insurance
- c) the price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List;
- d) Deleted
- e) the charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery. Other local costs and Incidental costs, as specified in the List of Requirements and Price Schedule;
- f) the charges for Incidental Services, as in the List of Requirements and Price Schedule;
- g) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- h) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Duties and Taxes:

13.5.1 If the Tenderer desires to ask for excise duty, sales tax/ VAT, Service Tax, Works Contract Tax etc. to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

13.5.2 Excise Duty:

- a) If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.
- b) If a Tenderer chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the tenderer must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.

- c) Subject to sub clauses 13.5.2 (a) & (b) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

13.5.3 Sales Tax:

If a tenderer asks for sales tax/ VAT, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The sales tax / VAT, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax / VAT, Service Tax and Works Contract Tax and is payable as per the terms of the contract. If any refund of Tax is received at a later date, the Supplier must return the amount forth-with to the purchaser.

13.5.4 Octroi Duty and Local Duties & Taxes:

Normally, goods to be supplied to government departments against government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned government department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the purchaser are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the purchaser. The purchaser should issue the certificate to the supplier within 21 days from the date of receipt of request from the supplier.

However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the purchaser to enable the purchaser reimburse the supplier and take other necessary action in the matter.

13.5.5 Customs Duty:

The Purchaser will pay the Customs duty wherever applicable.

- 13.6 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.
- 13.7 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.
- 13.8 Unless otherwise specifically indicated in this TE document, the terms FCA, FOB, FAS, CIF, CIP, DDP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris
- 13.9 The need for indication of all such price components by the tenderers, as required in this clause (viz., GIT clause 13) is for the purpose of comparison of the tenders by the purchaser and will no way restrict the purchaser's right to award the contract on the selected tenderer on any of the terms offered.

14. Indian Agent

If a foreign tenderer has engaged an agent in India in connection with its tender, the foreign tenderer, in addition to indicating Indian agent's commission, if any, in a manner described under GIT sub clause 12.2 above, shall also furnish the following information:

- a) The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority.
- b) The details of the services to be rendered by the agent for the subject requirement.
- c) Details of Service outlets in India, nearest to the consignee(s), to render services during Warranty and CMC period.
- d) A copy of agreement between the Agent & their principal detailing the terms & conditions as well as services and after sales services as above to be rendered by the agent and the precise relationship between them and their mutual interest in the business.
- e) Principal/ manufacturer's original proforma invoice with the price bid.

15. Firm Price

- 15.1 Unless otherwise specified in the SIT, prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account.
- 15.2 However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIT clause 13 will apply.

16. Alternative Tenders

- 16.1 Alternative Tenders are not permitted.
- 16.2 However the Tenderers can quote alternate models meeting the tender specifications of same manufacturer with single EMD.
- 16.3 Only one tenderer is permitted to quote for the same manufacturer irrespective of models

17 Documents Establishing Tenderer's Eligibility and Qualifications

- 17.1 Pursuant to GIT clause 11, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its tender is accepted.
- 17.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfil the following requirements:
 - a) in case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser. The tenderer shall submit the manufacturer's authorization letter to this effect as per the standard form provided under Section XIV in this document.
 - b) the tenderer has the required financial, technical and production capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in the Section IX in these documents.
 - c) in case the tenderer is not doing business in India, it is duly represented by an agent stationed in India fully equipped and able to carry out the required contractual functions and duties of the supplier including after sale service, maintenance & repair etc. of the goods in question, stocking of spare parts and fast moving components and other obligations, if any, specified in the conditions of contract and/or technical specifications.

18. Documents establishing good's Conformity to TE document.

- 18.1 The tenderer shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully conform to the goods and services specified by the purchaser in the TE documents. For this purpose the tenderer shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the goods and services offered in its tender.
- 18.2 In case there is any variation and/or deviation between the goods & services prescribed by the purchaser and that offered by the tenderer, the tenderer shall list out the same in a chart form without ambiguity and provide the same along with its tender.
- 18.3 If a tenderer furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.

19. Earnest Money Deposit (EMD)

- 19.1 Pursuant to GIT clauses 8.1 and 11.1 A (i) the tenderer shall furnish along with its tender, earnest money for amount as shown in the List of Requirements. The earnest money is required to protect the purchaser against the risk of the tenderer's unwarranted conduct as amplified under sub-clause 19.7 below.
- 19.2 The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period with Directorate General of Supplies & Disposals or with National Small Industries Corporation for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. In case the tenderer falls in these categories, it should furnish copy of its valid registration details (with DGS&D or NSIC, as the case may be).
- 19.3 The earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. The earnest money shall be furnished in one of the following forms:
- i) Account Payee Demand Draft
 - ii) Banker's cheque and
 - iii) Bank Guarantee
- 19.4 The demand draft or banker's cheque shall be drawn on any commercial bank in India or country of the tenderer, in favour of the "HLL Lifecare Limited" payable at New Delhi. In case of bank guarantee, the same is to be provided from any commercial bank in India or country of the tenderer as per the format specified under Section XIII in these documents.
- 19.5 The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the tender. As validity period of Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days from Techno – Commercial Tender opening date.
- 19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.
- 19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.

- 19.8 In the case of Bank Guarantee furnished from banks outside India (i.e. foreign Banks), it should be authenticated and countersigned by any nationalised bank in India by way of back-to-back counter guarantee and the same should be submitted along with the bid.

20. Tender Validity

- 20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 120 days (One hundred and twenty days) after the date of tender opening prescribed in the TE document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.
- 20.2 In exceptional cases, the tenderers may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by surface mail or by fax/ telex/cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly. A tenderer, who may not agree to extend its tender validity after the expiry of the original validity period the EMD furnished by them shall not be forfeited.
- 20.3 In case the day up to which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for the purchaser, the tender validity shall automatically be extended up to the next working day.

21. Signing and Sealing of Tender

- 21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11.
- 21.2 Unless otherwise mentioned in the SIT, a tenderer shall submit two copies of its tender marking them as "Original" and "Duplicate". Duplicate tenders may contain all pages including Technical Literature/Catalogues as per in Original tenders.
- 21.3 The original and duplicate tender shall either be typed or written in indelible ink and the same shall be signed by the tenderer or by a person(s) who has been duly authorized to bind the tenderer to the contract. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the tender.
- 21.4 Both the copies of the tender shall be duly signed at the appropriate places as indicated in the TE documents and all other pages of the tender including printed literature, if any shall be initialled by the same person(s) signing the tender. The tender shall not contain any erasure or overwriting, except as necessary to correct any error made by the tenderer and, if there is any such correction; the same shall be initialled by the person(s) signing the tender.
- 21.5 The tenderer is to seal the original and duplicate copy of the tender in separate envelopes, duly marking the same as "Original" and "Duplicate" and so on and writing the address of the purchaser and the tender reference number on the envelopes. The sentence "NOT TO BE OPENED" before _____ (The tenderer is to put the date & time of tender opening) are to be written on these envelopes. The inner envelopes are then to be put in a bigger outer envelope, which will also be duly sealed, marked etc. as above. If the outer envelope is not sealed and marked properly as above, the purchaser will not assume any responsibility for its misplacement, premature opening, late opening etc.
- 21.6 TE document seeks quotation following **two Tender System**, in two parts. First part will be known as **'Techno - Commercial Tender'**, and the second part **'Price Tender'** as specified in clause 11 of GIT. Tenderer shall seal **'Techno - Commercial Tender'** and **'Price**

Tender' separately and covers will be suitably super scribed. Both these sealed covers shall be put in a bigger cover and sealed and procedure prescribed in Paras 21.1 to 21.5 followed.

D. SUBMISSION OF TENDERS

22. Submission of Tenders

- 22.1 Unless otherwise specified, the tenderers are to deposit the tenders in the tender box kept for this purpose at **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201 307, Uttar Pradesh**. In case of bulky tender, which can not be put into tender box, the same shall be submitted by the tenderer by hand to **Head (P&CD)** or his nominee, **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201 307, Uttar Pradesh**. The officer receiving the tender will give the tenderer an official receipt duly signed with date and time.
- 22.2 The tenderers must ensure that they deposit their tenders not later than the closing time and date specified for submission of tenders. It is the responsibility of the tenderer to ensure that their Tenders whether sent by post or by courier or by person, are dropped in the Tender Box by the specified clearing date and time. In the event of the specified date for submission of tender falls on / is subsequently declared a holiday or closed day for the purchaser, the tenders will be received up to the appointed time on the next working day.

23. Late Tender

- 23.1 A tender, which is received after the specified date and time for receipt of tenders will be treated as "late" tender and will be ignored.

24. Alteration and Withdrawal of Tender

- 24.1 The tenderer, after submitting its tender, is permitted to alter / modify its tender so long as such alterations / modifications are received duly signed, sealed and marked like the original tender, within the deadline for submission of tenders. Alterations / modifications to tenders received after the prescribed deadline will not be considered.
- 24.2 No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a tenderer withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the tenderer in its tender.

E. TENDER OPENING

25. Opening of Tenders

- 25.1 The purchaser will open the tenders at the specified date and time and at the specified place as indicated in the NIT.

In case the specified date of tender opening falls on / is subsequently declared a holiday or closed day for the purchaser, the tenders will be opened at the appointed time and place on the next working day.

- 25.2 Authorized representatives of the tenderers, who have submitted tenders on time may attend the tender opening provided they bring with them letters of authority from the corresponding tenderers.

The tender opening official(s) will prepare a list of the representatives attending the tender opening. The list will contain the representatives' names & signatures and corresponding tenderers' names and addresses.

- 25.3 Two - Tender system as mentioned in Para 21.6 above will be as follows. The **Techno - Commercial Tenders** are to be opened in the first instance, at the prescribed time and date as indicated in NIT. These Tenders shall be scrutinized and evaluated by the competent committee/ authority with reference to parameters prescribed in the TE document. During the Techno - Commercial Tender opening, the tender opening official(s) will read the salient features of the tenders like brief description of the goods offered, delivery period, Earnest Money Deposit and any other special features of the tenders, as deemed fit by the tender opening official(s). Thereafter, in the second stage, the Price Tenders of only the Techno - Commercially acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified after the evaluation of the Techno – Commercial tender. The prices, special discount if any of the goods offered etc., as deemed fit by tender opening official(s) will be read out.

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principle

- 26.1 Tenders will be evaluated on the basis of the terms & conditions already incorporated in the TE document, based on which tenders have been received and the terms, conditions etc. mentioned by the tenderers in their tenders. No new condition will be brought in while scrutinizing and evaluating the tenders.

27. Scrutiny of Tenders

- 27.1 The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed stamped and whether the Tenders are generally in order.
- 27.2 The Purchaser's determination of a Tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence
- 27.3 Deleted
- 27.4 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders, which do not meet the basic requirements, are liable to be treated as non-responsive and will be rejected.
- 27.5 The following are some of the important aspects, for which a tender shall be declared non-responsive during the evaluation and will be ignored;
- (i) Deleted
 - (ii) Tender is unsigned.
 - (iii) Tender validity is shorter than the required period.
 - (iv) Required EMD (Amount, validity etc.)/ exemption documents have not been provided.
 - (v) Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorisation Form as per Section XIV.
 - (vi) Tenderer has not agreed to give the required performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if

any, in Section - V – “Special Conditions of Contract”, for due performance of the contract.

- (vii) Deleted
- (viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.
- (ix) Poor/ unsatisfactory past performance.
- (x) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
- (xi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1.
- (xii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.
- (xiii) Tenderer has not agreed for the delivery terms and delivery schedule.

28. Minor Informality/Irregularity/Non-Conformity

- 28.1 If during the evaluation, the purchaser find any minor informality and/or irregularity and/or non-conformity in a tender, , the purchaser will convey its observation on such ‘minor’ issues to the tenderer by registered/speed post/courier/e-mail/fax etc. asking the tenderer to respond by a specified date. If the tenderer does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that tender will be liable to be ignored.

29 Discrepancies in Prices

- 29.1 If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.
- 29.2 If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and
- 29.3 If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 29.1 and 29.2 above.
- 29.4 If, as per the judgement of the purchaser, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the tenderer by registered / speed post. If the tenderer does not agree to the observation of the purchaser, the tender is liable to be ignored.

30. Discrepancy between original and copies of Tender

- 30.1 In case any discrepancy is observed between the text etc. of the original copy and that in the other copies of the same tender set, the text etc. of the original copy shall prevail. Here also, the purchaser will convey its observation suitably to the tenderer by register / speed post and, if the tenderer does not accept the purchaser’s observation, that tender will be liable to be ignored.

31. Qualification Criteria

- 31.1 Tenders of the tenderers, who do not meet the required Qualification Criteria prescribed in Section IX, will be treated as non - responsive and will not be considered further.

32. Conversion of tender currencies to Indian Rupees

32.1 In case the TE document permits the tenderers to quote their prices in different currencies, all such quoted prices of the responsive tenderers will be converted to a single currency viz., Indian Rupees for the purpose of equitable comparison and evaluation, as per the exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Price Tender' opening.

33. Schedule-wise Evaluation

33.1 In case the List of Requirements contains more than one schedule, the responsive tenders will be evaluated and compared separately for each schedule. The tender for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the tender. However, as already mentioned in GIT sub clause 13.2, the tenderers have the option to quote for any one or more schedules and offer discounts for combined schedules. Such discounts wherever applicable will be taken into account to determine the lowest evaluated cost for the purchaser in deciding the successful tenderer for each schedule, subject to tenderer(s) being responsive.

34. Comparison of Tenders

34.1 Unless mentioned otherwise in Section – III – Special Instructions to Tenderers and Section – VI – List of Requirements, the comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) consignee site basis. The quoted turnkey prices and CMC prices will also be added for comparison/ranking purpose for evaluation. **Net Present value (NPV) of the Comprehensive Annual Maintenance charges (CMC) quoted for 5 years after the warranty period shall be added to the bid price for evaluation and will be calculated at a discounted rate of 10% per year.**

35. Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders

35.1 Further to GIT Clause 34 above, the purchaser's evaluation of a tender will include and take into account the following:

- i) In the case of goods manufactured in India or goods of foreign origin already located in India, sales tax & other similar taxes and excise duty & other similar duties, Service Tax, Works Contract Tax etc which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and
- ii) in the case of goods of foreign origin offered from abroad, customs duty and other similar import duties/taxes, which will be contractually payable (to the tenderer) on the goods if the contract is awarded on the tenderer.

35.2 The purchaser's evaluation of tender will also take into account the additional factors, if any, incorporated in SIT in the manner and to the extent indicated therein.

35.3 The Purchaser reserves the right to give the price preference to small-scale sectors etc. and purchase preference to central public sector undertakings as per the instruction in vogue while evaluating, comparing and ranking the responsive tenders.

36. Tenderer's capability to perform the contract

36.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the

lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is more than one schedule in the List of Requirements, then, such determination will be made separately for each schedule.

- 36.2 The above-mentioned determination will, inter alia, take into account the tenderer's financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the tenderer in its tender as well as such other allied information as deemed appropriate by the purchaser.

37. Contacting the Purchaser

- 37.1 From the time of submission of tender to the time of awarding the contract, if a tenderer needs to contact the purchaser for any reason relating to this tender enquiry and / or its tender, it should do so only in writing.
- 37.2 In case a tenderer attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the tenderer shall be liable for rejection in addition to appropriate administrative actions being taken against that tenderer, as deemed fit by the purchaser.

G. AWARD OF CONTRACT

38. Purchaser's Right to accept any tender and to reject any or all tenders

- 38.1 The purchaser reserves the right to accept in part or in full any tender or reject any or more tender(s) without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected tenderer or tenderers.

39. Award Criteria

- 39.1 Subject to GIT clause 38 above, the contract will be awarded to the lowest evaluated responsive tenderer decided by the purchaser in terms of GIT Clause 36.

40. Variation of Quantities at the Time of Award/ Currency of Contract

- 40.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to twenty five (25) per cent, the quantity of goods and services mentioned in the schedule (s) in the "List of Requirements" (rounded of to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.
- 40.2 If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase by up to twenty five (25) per cent, the quantity of goods and services mentioned in the contract (rounded of to next whole number) without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract.

41. Notification of Award

- 41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by fax/ telex/cable (to be confirmed by

registered / speed post) that its tender for goods & services, which have been selected by the purchaser, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within thirty days from the date of dispatch of this notification, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

41.2 The Notification of Award shall constitute the conclusion of the Contract.

42. Issue of Contract

42.1 Promptly after notification of award, the Purchaser/Consignee will mail the contract form (as per Section XVI) duly completed and signed, in duplicate, to the successful tenderer by registered / speed post.

42.2 Within twenty one days from the date of the contract, the successful tenderer shall return the original copy of the contract, duly signed and dated, to the Purchaser/Consignee by registered / speed post.

42.3 The Purchaser/Consignee reserves the right to issue the Notification of Award consignee wise.

43. Non-receipt of Performance Security and Contract by the Purchaser/Consignee

43.1 Failure of the successful tenderer in providing performance security and / or returning contract copy duly signed in terms of GIT clauses 41 and 42 above shall make the tenderer liable for forfeiture of its EMD and, also, for further actions by the Purchaser/Consignee against it as per the clause 24 of GCC – Termination of default.

44. Return of EMD

44.1 The earnest money of the successful tenderer and the unsuccessful tenderers will be returned to them without any interest, whatsoever, in terms of GIT Clause 19.6.

45. Publication of Tender Result

45.1 The name and address of the successful tenderer(s) receiving the contract(s) will be mentioned in the notice board/bulletin/web site of the purchaser.

46. Corrupt or Fraudulent Practices

46.1 It is required by all concerned namely the Consignee/Tenderers/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser: -

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) “corrupt practice” means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Tenderers (prior to or after

- Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;
- (b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

SECTION - III

**SPECIAL INSTRUCTIONS TO TENDERERS
(SIT)**

Sl. No.	GIT Clause No.	Topic	SIT Provision	Page No.
A	1 to 7	Preamble	No Change	27
B	8 to 10	TE documents	No Change	27
C	11 to 21	Preparation of Tenders	No Change	27
D	22 to 24	Submission of Tenders	No Change	27
E	25	Tender Opening	No Change	27
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change	27
G	38 to 45	Award of Contract	No Change	27

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/substitute/supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

- A Preamble**
No Change
- B TE documents**
No Change
- C Preparation of Tenders**
No Change
- D Submission of Tenders**
No Change
- E Tender Opening**
No Change
- F Scrutiny and Evaluation of Tenders**
No Change
- G Award of Contract**
No Change

SECTION - IV**GENERAL CONDITIONS OF CONTRACT (GCC)****TABLE OF CLAUSES**

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1. Application

- 1.1 The General Conditions of Contract incorporated in this section shall be applicable for this purchase to the extent the same are not superseded by the Special Conditions of Contract prescribed under Section V, List of requirements under Section VI and Technical Specification under Section VII of this document.

2. Use of contract documents and information

- 2.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract or any provision thereof including any specification, drawing, sample or any information furnished by or on behalf of the purchaser in connection therewith, to any person other than the person(s) employed by the supplier in the performance of the contract emanating from this TE document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.
- 2.2 Further, the supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC sub-clause 2.1 above except for the sole purpose of performing this contract.
- 2.3 Except the contract issued to the supplier, each and every other document mentioned in GCC sub-clause 2.1 above shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier's performance and obligations under this contract.

3. Patent Rights

- 3.1 The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trade marks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.

4. Country of Origin

- 4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- 4.2 The word "origin" incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.
- 4.3 The country of origin may be specified in the Price Schedule

5. Performance Security

- 5.1 Within fifteen (15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual

obligations by the supplier, including the warranty obligations, initially valid for a period of minimum 30 months from the date of Notification of Award

- 5.2 The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:

It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any Scheduled bank in India or Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in section XV of this document in favour of the Purchaser/Consignee. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to sixty (60) days beyond Warranty Period.

- 5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per Proforma in Section XV, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.
- 5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.
- 5.5 The supplier shall enter into Annual Comprehensive Maintenance Contract as per the 'Contract Form – B' in Section XVI with respective consignees, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.
- 5.6 Subject to GCC sub – clause 5.3 above, the Purchaser/Consignee will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations & after receipt of Consignee wise bank guarantee for CMC security in favour of Head of the Hospital/ Institute/ Medical College of the consignee as per the format in Section XV.

6. Technical Specifications and Standards

- 6.1 The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications and quality control parameters mentioned in 'Technical Specification' and 'Quality Control Requirements' under Sections VII and VIII of this document.

7. Packing and Marking

- 7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.
- 7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections VII and VIII and in SCC under Section V. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the supplier accordingly.
- 7.3 Packing instructions:

Unless otherwise mentioned in the Technical Specification and Quality Control Requirements under Sections VII and VIII and in SCC under Section V, the supplier shall make separate packages for each consignee (in case there is more than one consignee mentioned in the contract) and mark each package on three sides with the following with indelible paint of proper quality:

- a. contract number and date
- b. brief description of goods including quantity
- c. packing list reference number
- d. country of origin of goods
- e. consignee's name and full address and
- f. supplier's name and address

8. Inspection, Testing and Quality Control

- 8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the purchaser and/or its nominated representative(s).
- 8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.
- 8.3 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser's inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser's inspector for conducting the inspections and tests again.
- 8.4 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier's premises, the supplier shall put up the goods for such inspection to the purchaser's inspector well ahead of the contractual delivery period, so that the purchaser's inspector is able to complete the inspection within the contractual delivery period.
- 8.5 If the supplier tenders the goods to the purchaser's inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.
- 8.6 The purchaser's/consignee's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser's inspector during pre-despatch inspection mentioned above.
- 8.7 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right

to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC Clause 15.

- 8.8 Principal/ Foreign supplier shall also have the equipment inspected by recognised/ reputed agency like SGS, Lloyd, Bureau Veritas, TUV or equivalent (acceptable to the purchaser) prior to despatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

9. Terms of Delivery

- 9.1 Goods shall be delivered by the supplier in accordance with the terms of delivery and as per the delivery period specified in the schedule of requirement. Please note that the time shall be the essence of the contract.

10. Transportation of Goods

- 10.1 Instructions for transportation of imported goods offered from abroad:

The supplier shall not arrange part-shipments and/or transshipment without the express/prior written consent of the purchaser. The supplier is required under the contract to deliver the goods under CIP (Named port of destination) terms; the shipment shall be made by Indian flag vessel or by vessels belonging to the conference lines in which India is a member country through India's forwarding agents/coordinators. In case the forwarding agent/coordinators are unable to provide timely adequate space in Indian flag vessel or by vessels belonging to the conference lines, the supplier shall arrange shipment through any available vessel to adhere to the delivery schedule given in the contract.

In case of airlifting of imported goods offered from abroad, the same will be done only through the National Carrier i.e. Air India wherever applicable. In case the National Carrier is not available, any other airlines available for early delivery may be arranged.

- 10.2 Instructions for transportation of domestic goods including goods already imported by the supplier under its own arrangement:

In case no instruction is provided in this regard in the SCC, the supplier will arrange transportation of the ordered goods as per its own procedure.

11. Insurance:

- 11.1 Unless otherwise instructed in the SCC, the supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the following manner:

i) in case of supply of domestic goods on Consignee site basis, the supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured for an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee.

ii) in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 3 months

beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis.

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will be got extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actuals will be reimbursed.

12. Spare parts

12.1 If specified in the List of Requirements and in the resultant contract, the supplier shall supply/provide any or all of the following materials, information etc. pertaining to spare parts manufactured and/or supplied by the supplier:

- a) The spare parts as selected by the Purchaser/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and
- b) In case the production of the spare parts is discontinued:
 - i) Sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
 - ii) Immediately following such discontinuation, providing the Purchaser/Consignee, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser/Consignee.

12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the goods so that the same are used during warranty and CMC period.

13. Incidental services

13.1 Subject to the stipulation, if any, in the SCC (Section – V), List of Requirements (Section – VI) and the Technical Specification (Section – VII), the supplier shall be required to perform the following services.

- i) Installation & commissioning, Supervision and Demonstration of the goods
- ii) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- iii) Training of Consignee's Doctors, Staff, operators etc. for operating and maintaining the goods
- iv) Supplying required number of operation & maintenance manual for the goods

14. Distribution of Dispatch Documents for Clearance/Receipt of Goods

The supplier shall send all the relevant despatch documents well in time to the Purchaser/Consignee to enable the Purchaser/Consignee clear or receive (as the case may be) the goods in terms of the contract.

Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows.

A) For Domestic Goods, including goods already imported by the supplier under its own arrangement

Within 24 hours of despatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to them by registered post / speed post / courier (or as instructed in the contract):

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
- (iii) Two copies of packing list identifying contents of each package;
- (iv) Inspection certificate issued by the nominated Inspection agency, if any.
- (v) Certificate of origin;
- (vi) Insurance Certificate as per GCC Clause 11.
- (vii) Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

B) For goods imported from abroad

Within 24 hours of despatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract). Any delay or demurrage occurred during the customs clearance on account of the non-availability of technical support/ clarifications /documents from the supplier shall be borne by the supplier:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Original and four copies of the negotiable clean, on-board Bill of Lading/Airway bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/Airway bill;
- (iii) Four Copies of packing list identifying contents of each package;
- (iv) Insurance Certificate as per GCC Clause 11.
- (v) Manufacturer's/Supplier's warranty certificate;
- (vi) Inspection Certificate for the despatched equipments issued by recognized/ reputed agency like SGS, Lloyd, BEAUREU VERITAS, TUV prior to despatch
- (vii) Manufacturer's own factory inspection report;
- (viii) Certificate of origin
- (ix) Port of Loading;
- (x) Port of Discharge and
- (xi) Expected date of arrival.

15. Warranty

- 15.1 The supplier warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials,

manufacturing or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied goods under the conditions prevailing in India.

- 15.2 The **warranty** shall remain valid for the period as mentioned in the list of requirement/ General Technical specification, after the goods or any portion thereof as the case may be, have been delivered, installed and commissioned at the final destination and accepted by the purchaser/consignee (s) in terms of the contract, unless specified otherwise in the SCC.
- a. No conditional warranty will be acceptable.
 - b. Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories and Turnkey work
 - c. Replacement and repair will be undertaken for the defective goods.
 - d. Proper marking has to be made for all spares for identification like printing of installation and repair dates.
- 15.3 In case of any claim arising out of this warranty, the Purchaser/Consignee shall promptly notify the same in writing to the supplier. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.
- 15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause for non rectification will be applicable as per tender conditions
- 15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended to a further period of twenty four (24) months from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
- 15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods
- 15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.
- 15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipments supplied by them to the purchaser for 10 years from the date of installation and handing over.
- 15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipments/machines/goods etc. and shall always give the most competitive price for its machines/equipments supplied to the Purchaser/Consignee.

16. Assignment

- 16.1 The Supplier shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the Purchaser's prior written permission.

17. Sub Contracts

- 17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.
- 17.2 Sub contract shall be only for bought out items and sub-assemblies.
- 17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 (“Country of Origin”).

18. Modification of contract

- 18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:
- a) Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specially manufactured for the purchaser,
 - b) Mode of packing,
 - c) Incidental services to be provided by the supplier
 - d) Mode of despatch,
 - e) Place of delivery, and
 - f) Any other area(s) of the contract, as felt necessary by the purchaser depending on the merits of the case.
- 18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly. If the supplier doesn't agree to the adjustment made by the Purchaser/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser's/Consignee's amendment / modification of the contract.

19. Prices

- 19.1 Prices to be charged by the supplier for supply of goods and provision of services in terms of the contract shall not vary from the corresponding prices quoted by the supplier in its tender and incorporated in the contract except for any price adjustment authorised in the SCC.

20. Taxes and Duties

- 20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.
- 20.2 Further instruction, if any, shall be as provided in the SCC.

21. Terms and Mode of Payment

21.1 Payment Terms

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

A) Payment for Domestic Goods Or Foreign Origin Located Within India.

Payment shall be made in Indian Rupees as specified in the contract in the following manner:

a) On delivery:

75% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
- (iii) Two copies of packing list identifying contents of each package;
- (iv) Inspection certificate issued by the nominated Inspection agency, if any.
- (v) Insurance Certificate as per GCC Clause 11
- (vi) Certificate of origin.

b) On Acceptance:

Balance 25% payment would be made against 'Final Acceptance Certificate' as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. In case where the installation and commissioning or final inspection and test at site is delayed for any reason for which consignee is responsible, 25% of the contract price shall become payable, after the expiry of six months from the date of arrival of the last consignment at site subject to submission of a bank guarantee by the supplier for the said amount valid initially for the period of six months. The supplier shall get the validity of the bank guarantee extended for the further period as and when asked for by the purchaser.

B) Payment for Imported Goods:

Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:

a) On Shipment:

75% of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/Airway bill;
- (iii) Four Copies of packing list identifying contents of each package;
- (iv) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
- (v) Manufacturer's/Supplier's warranty certificate;

- (vi) Inspection certificate issued by the nominated inspection agency, if applicable as per contract;
- (vii) Manufacturer's own factory inspection report and
- (viii) Certificate of origin by the chamber of commerce of the concerned country;
- (ix) Inspection Certificate for the despatched equipments issued by recognized/reputed agency like SGS, Lloyd, Bureau Veritas, TUV or equivalent (acceptable to the purchaser).

b) On Acceptance:

Balance payment of 25% of net CIP price of goods would be made against 'Final Acceptance Certificate' as per Section XVIII to be issued by the consignees to the supplier. The supplier shall submit the original final acceptance certificate to the purchaser (HLL Lifecare Ltd) who shall issue no objection certificate to the banker for payment through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any

In case where the installation and commissioning or final inspection and test at site is delayed for any reason for which consignee is responsible, 25% of the contract price shall become payable, after the expiry of six months from the date of arrival of the last consignment at site subject to submission of a bank guarantee by the supplier for the said amount valid initially for the period of six months. The supplier shall get the validity of the bank guarantee extended for the further period as and when asked for by the purchaser.

- c) Payment of Incidental Costs till consignee site & Incidental Services** (including Installation & Commissioning, Supervision, Demonstration and Training) will be paid in Indian Rupees to the Indian Agent on proof of final installation, commission and acceptance of equipment by the consignee.

d) Payment of Indian Agency Commission:

Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.

C) Payment of Turnkey, if any:

Turnkey payment will be made as indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.

D) Payment for Annual Comprehensive Maintenance Contract Charges:

The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 2.5 % of the cost of the equipment as per contract in the prescribed format given in Section XV valid till 2 months after expiry of entire CMC period.

21.2 The supplier shall not claim any interest on payments under the contract.

21.3 Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.

- 21.4 Irrevocable & non – transferable LC shall be opened by the respective consignees. However, if the supplier requests specifically to open confirmed LC, the extra charges would be borne by the supplier. If LC is required to be extended and/or amended for reasons not attributable to the purchaser/consignee, the charges thereof shall be borne by the supplier.
- 21.5 The payment shall be made in the currency / currencies authorised in the contract.
- 21.6 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.
- 21.7 While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.
- 21.8 While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from the Purchaser/Consignee, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the Purchaser/Consignee forthwith.
- 21.9 In case where the supplier is not in a position to submit its bill for the balance payment for want of receipted copies of Inspection Note from the consignee and the consignee has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee's receipt certificate after three months from the date of the preceding part payment for the goods in question, subject to the following conditions:
- (a) The supplier will make good any defect or deficiency that the consignee (s) may report within six months from the date of despatch of goods.
 - (b) Delay in supplies, if any, has been regularized.
 - (c) The contract price where it is subject to variation has been finalized.
 - (d) The supplier furnishes the following undertakings:

“I/We, _____ certify that I/We have not received back the Inspection Note duly received by the consignee or any communication from the purchaser or the consignee about non-receipt, shortage or defects in the goods supplied. I/We _____ agree to make good any defect or deficiency that the consignee may report within three months from the date of receipt of this balance payment.

22. Delivery

- 22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser/Consignee in the List of Requirements and as incorporated in the contract. The time for and the date of delivery of the goods stipulated in the schedule shall be deemed to be of the essence of the contract and the delivery must be completed not later than the date (s) as specified in the contract.
- 22.2 Subject to the provision under GCC clause 26, any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:
- (i) imposition of liquidated damages,
 - (ii) forfeiture of its performance security and
 - (iii) termination of the contract for default.
- 22.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the Purchaser/Consignee in writing about the same and its likely duration and make a request to the Purchaser/Consignee for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser/Consignee shall

examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, inter alia contain the following conditions:

- (a) The Purchaser/Consignee shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, liquidated damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.
- (b) That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty, excise duty, sales tax/ VAT, Service Tax and Works Contract Tax or on account of any other tax or duty which may be levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.
- (c) But nevertheless, the Purchaser/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty, excise duty, sales tax/ VAT, Service Tax and Works Contract Tax or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.

22.5 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the Purchaser/Consignee for extension of delivery period and obtain the same before despatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and / or any other expense related to such supply shall lie against the purchaser.

22.6 Passing of Property:

22.6.1 The property in the goods shall not pass to the purchaser unless and until the goods have been delivered to the consignee in accordance with the conditions of the contract.

22.6.2 Where there is a contract for sale of specific goods and the supplier is bound to do something to the goods for the purpose of putting them into a deliverable state the property does not pass until such thing is done.

22.6.3 Unless otherwise agreed, the goods remain at the supplier's risk until the property therein is transferred to the purchaser.

23. Liquidated damages

23.1 Subject to GCC clause 26, if the supplier fails to deliver or install /commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24.

During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply.

24. Termination for default

- 24.1 The Purchaser/Consignee, without prejudice to any other contractual rights and remedies available to it (the Purchaser/Consignee), may, by written notice of default sent to the supplier, terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Purchaser/Consignee pursuant to GCC sub-clauses 22.3 and 22.4.
- 24.2 In the event of the Purchaser/Consignee terminates the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Purchaser/Consignee may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the Purchaser/Consignee for the extra expenditure, if any, incurred by the Purchaser/Consignee for arranging such procurement.
- 24.3 Unless otherwise instructed by the Purchaser/Consignee, the supplier shall continue to perform the contract to the extent not terminated.

25. Termination for insolvency

- 25.1 If the supplier becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the supplier without any compensation, whatsoever, to the supplier, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and / or will accrue thereafter to the Purchaser/Consignee.

26. Force Majeure

- 26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.
- 26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of , the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, and freight embargoes.
- 26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 26.5 In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier

accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

- 27.1 The Purchaser/Consignee reserves the right to terminate the contract, in whole or in part for its (Purchaser's/Consignee's) convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser/Consignee. The notice shall also indicate inter alia, the extent to which the supplier's performance under the contract is terminated, and the date with effect from which such termination will become effective.
- 27.2 The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the supplier's receipt of the notice of termination shall be accepted by the Purchaser/Consignee following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser/Consignee may decide:
- a) To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or
 - b) To cancel the remaining portion of the goods and services and compensate the supplier by paying an agreed amount for the cost incurred by the supplier towards the remaining portion of the goods and services.

28. Governing language

- 28.1 The contract shall be written in English language following the provision as contained in GIT clause 4. All correspondence and other documents pertaining to the contract, which the parties exchange, shall also be written accordingly in that language.

29. Notices

- 29.1 Notice, if any, relating to the contract given by one party to the other, shall be sent in writing or by cable or telex or facsimile and confirmed in writing. The procedure will also provide the sender of the notice, the proof of receipt of the notice by the receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.
- 29.2 The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

30. Resolution of disputes

- 30.1 If dispute or difference of any kind shall arise between the Purchaser/Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- 30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India. In the case of a dispute or difference arising between the Purchaser/Consignee and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration of an officer in the Ministry of Law and Justice, appointed to be the arbitrator by the Director General (Health Services). The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakhs (Rs. 1,00,000/-)

- 30.3 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., New Delhi, India.
- 30.4 Jurisdiction of the court will be from the place where the tender enquiry document has been issued, i.e., New Delhi, India

31. **Applicable Law**

The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.

32 **Withholding and Lien in respect of sums claimed**

Whenever any claim for payment arises under the contract against the supplier the purchaser shall be entitled to withhold and also have a lien to retain such sum from the security deposit or sum of money arising out of under any other contract made by the supplier with the purchaser, pending finalization or adjudication of any such claim.

It is an agreed term of the contract that the sum of money so withheld or retained under the lien referred to above ,by the purchaser, will be kept withheld or retained till the claim arising about of or under the contract is determined by the Arbitrator or by the competent court as the case may be ,and the supplier will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention.

33. **General/ Miscellaneous Clauses**

- 33.1 Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.
- 33.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
- 33.3 The Supplier shall notify the Purchaser/Consignee /the Government of India of any material change would impact on performance of its obligations under this Contract.
- 33.4 Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Purchaser/Consignee/Government for performance of contract/services including that of its Associates/Sub Contractors under the Contract.
- 33.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Government of India against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.
- 33.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee/Government of India against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the supplier/its associate/affiliate etc.
- 33.7 All claims regarding indemnity shall survive the termination or expiry of the contract.

SECTION – V

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below.

These Special Conditions will modify/substitute/supplement the corresponding (GCC) clauses. Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

The period of Warranty and Comprehensive Maintenance Contract (CMC) shall be applicable as mentioned in the list of requirement only.

Warranty as well as Comprehensive Maintenance Contract (CMC) for the tendered items will be inclusive of all accessories and Turnkey work and it will also cover the following wherever applicable:-

- X-ray and CT tubes and high-tension cables.
- Helium replacement
- Any kind of motor.
- Plastic & Glass Parts.
- All kind of sensors including oxygen sensors.
- All kind of coils, probes and transducers including ECG cable, BP transducers, SpO2 Probes, Ultrasound and Colour Doppler Transducers/ probes, BP cuffs, Defibrillator internal and external paddles, chart recorders, ventilator reusable patient circuits, servo humidifier with chamber, electrodes and probes for blood gas analyzer, MRI coils.
- All kind of flat panel sensors and cassettes for DR & CR systems and patients handling trolleys etc
- Printers and imagers including laser and thermal printers with all parts.
- UPS including the replacement of batteries.
- Air-conditioners

SECTION - VI

LIST OF REQUIREMENTS

Part I

List of items with consignee codes, quantities, warranty & CMC period.

sl.no	Name of Equipment	Qty. (Nos.)	Consignee	Warranty period (yrs.)	CMC period (yrs.)
1	AUTOCLAVE – TABLE TOP (25 LITRES)	1	North Eastern Institute of Folk Medicine (NEIFM), PASIGHAT, ARUNACHAL PRADESH	2	5
2	REFRIGERATED CENTRIFUGE – Table top swing bucket	1		2	5
3	CENTRIFUGE - TABLE TOP	1		2	5
4	DEEP FREEZER -20oC	1		2	5
5	DEHUMIDIFIER	1		2	5
6	WATER PURIFICATION SYSTEM	1		2	5
7	ELECTRONIC BALANCE (HIGH END ANALYTICAL) (200g / 0.1mg)	1		2	5
8	INCUBATOR with SHAKER	1		2	5
9	LYOPHILIZER (Freeze Dryer)	1		2	5
10	MAGNETIC STIRRER	1		2	5
11	HOT AIR OVEN (Table top)	1		2	5
12	VACUUM OVEN	1		2	5
13	VORTEX MIXER	1		2	5
14	SHAKING WATER BATH	1		2	5
15	DISSECTING MICROSCOPE	1		2	5
16	DIGITAL POLARIMETER	1		2	5
17	SONICATOR	1		2	5
18	SOXHLET APPARATUS	1		2	5
19	TLC SETUP WITH PLATES	1		2	5
20	MULTI CHANNEL PIPETTES- Variable Volume	1		2	5
21	HEAVY DUTY BLENDER	1		2	5
22	MANUAL CAPSULE FILLING MACHINE	1		2	5
23	FILTER PRESS	1		2	5
24	MECHANICAL SIFTER /SIEVE	1		2	5
25	GRINDER / PULVERIZER (2 no.s)	1		2	5
26	INVERTED PHASE CONTRAST MICROSCOPE	1		2	5
27	LAMINAR FLOW	1		2	5
28	SPECTROPHOTOMETER	1		2	5
29	AUTOMATED URINE ANALYSER	1		2	5
30	ELISA READER & WASHER	1		2	5
31	SEMI AUTOMATED BIOCHEMISTRY ANALYSER	1		2	5
32	ECG MACHINE - 12 CHANNEL	1		2	5
33	500 mA HIGH FREQUENCY X-RAY UNIT	1		3	5

sl.no	Name of Equipment	Qty. (Nos.)	Consignee	Warranty period (yrs.)	CMC period (yrs.)
34	ULTRASOUND SCANNER - B/W	1		2	5
35	DISSOLUTION APPARATUS – 6 stations	1		2	5
36	DISINTEGRATION APPARATUS	1		2	5
37	FRIABILITY APPARATUS	1		2	5
38	DISTILLATION APPARATUS (Kjaldhal Apparatus)	1		2	5

Part II: Required Delivery Schedule:**a) For Indigenous goods or for imported goods if supplied from India:**

90 days from date of Notification of Award to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Tenderers may quote earliest delivery period).

Installation and commissioning shall be done within two weeks of receipt of the stores/ goods at site or within two weeks of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

90 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Tenderers may quote the earliest delivery period).

Installation and commissioning shall be done within two weeks of receipt of the stores/ goods at site or within two weeks of handing over the site for installation, whichever is later.

For delayed delivery and/ or installation and commissioning liquidated damages will get applied as per GCC clause 23.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV:

Turnkey (if any) as per details in Technical Specification.

Part V:

Warranty period as per details in general technical specification and as specified in Part I above.

Comprehensive Maintenance Contract (CMC) as per details in General Technical Specification and also specified in part I above.

Part VI:**Required Terms of Delivery and Destination.****a) For Indigenous goods or for imported goods if supplied from India:**

At Consignee Site(s)

b) For Imported goods directly from abroad:

The foreign tenderers are required to quote their rates on CIP Named Port of Destination Basis giving break up of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP Named Port of Destination basis.

The shipping arrangements shall be made in accordance with the instruction of Ministry of Shipping & Transport, New Delhi, India as detailed in Annexure 1 at Section XIX.

Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery.

Destination/Consignee details are given in Section XXI

SECTION – VII

TECHNICAL SPECIFICATIONS

Schedule-1

AUTOCLAVE – TABLE TOP (25 LITRES)

1 Description of Function

Autoclaves are required for sterilizing instruments in high temperature and high pressure steam.

2 Operational Requirements

- a) Autoclave should be table top and front loading with fully automatic micro processor / microcontroller based control, highly accurate pressure control switch and stainless steel sterilization chamber.
- b) It should have a powerful double head vacuum pump to eject air pockets from the chamber at the beginning and at the end of the cycle suitable for the sterilization of both S2 and N type loads for both wrapped and unwrapped instruments.

3 Technical Specification

- a) It should have digital timer for wet and dry cycle. Minimum 10 sterilization cycles for (a) wrapped as well as unwrapped instruments, (b) flash sterilization, open, packed, liquids.
- b) It should have silicon rubber ring gasket in the door for locking. The closing and locking of the door should be completely automatic
- c) Auto draining facility for reservoir tank water with separate tank for used and fresh water.
- d) An alarm should be provided to ring after the total command is over
- e) Auto equalizer of pressure in the chamber for easy opening.
- f) Digital temperature and pressure gauges.
- g) Control panel to select cycle settings with Digital Display and water level indicator.
- h) Nominal capacity 25 litres
- i) Pressure range: 1.2 kg/cm² (121° C) to 2 kg/cm² (134° C)
- j) There should also be a Mechanical Pressure release valve to release excess pressure.
- k) System should be operated with a high vacuum pump.
- l) Integrated printer for printing of the reports
- m) Should be supplied with a water de-mineralizer to be connected directly to the tap water.
- n) Autoclave should execute Vacuum test Bowie & Dick test & Helix Test.

4 Power Supply

- a) Autoclave Power input to be 220-240VAC, 50Hz

- b) Servo Controlled Voltage stabilizer of appropriate ratings meeting ISI Specifications.
(Input 160-260 V and output 220-240 V and 50 Hz)

5 Standards, Safety and Training

- a) Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
- b) Should be FDA / CE / BIS approved product
- c) Manufacturer/ Supplier should have ISO certification for quality standards.

Schedule-2

REFRIGERATED CENTRIFUGE - Table top swing bucket

1. Description of Function

- a. The Refrigerated Centrifuge is a mechanical device used to separate biological substances of differing densities.

2. Technical Specification

- a. Temp. range : -4 °C to 40°C
- b. Swinging bucket rotor Max Capacity: 8 x 50 ml
- c. Adjustable RCF of 14000rpm (or 16000g) or more
- d. Digital display of time, temp & rpm
- e. Adaptor for 250ml, 200ml, 100ml, 50 ml , 20 / 10 ml tubes
- f. Noise level < 60db
- g. Holds at least 608 tubes
- h. Power 220-240 V, 50/60Hz
- i. ISO 9001 ISO 13485 marked or equivalent marked
- j. Brushless induction motor
- k. Electronic imbalance direction
- l. Lid lock and interlock facility.

3. Standards and Safety

- a. It should have a security lock to prevent unintentional switch off and also unauthorized opening of the instrument.
- b. Should incorporate Safety Features for Imbalance detection, lid interlock, over temperature, rotor over speed etc
- c. Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
- d. Should be FDA or CE approved product
- e. Should be compliant to ISO 13485: Quality systems - Medical devices - Particular requirements for the application of ISO 9001 applicable to manufacturers and service providers that perform their own design activities.
- f. Should comply with IEC/TR 61010-3-020 :Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 3-020: Conformity verification report for IEC 61010-2-020:1992 Particular requirements for laboratory centrifuges"

Schedule-3

CENTRIFUGE - TABLE TOP

Technical Specification

- 1) Aerodynamic compact construction for vibration free performance
- 2) Table top version
- 3) Microprocessor controlled, swing out rotor
- 4) Maximum speed: 3,500 -4,500 rpm

- 5) The centrifuge must be capable of generating RCF in excess to 2,000 X g.
- 6) Should be able to spin 8 /16 tubes 13 X 75 mm or 13 X100 mm at a time
- 7) The system should have brush less induction drive
- 8) Dynamic braking for rapid stop without cell disturbance
- 9) System should have safety features like lid lock and lid interlock
- 10) System should have touch keypads for data entry and large LED displays for good visibility
- 11) Noise level should be less than 60dB.
- 12) Body should be made of strong fabricated & corrosion resistant steel
- 13) Should have a digital timer
- 14) Shall meet IEC-60601-1-2:2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.
- 15) Power input to be 220-240VAC, 50Hz fitted with Indian plug
- 16) Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications.(Input 160-260 V and output 220-240 V and 50 Hz)
- 17) The supplier should be ISO certified for quality standards.
- 18) Should be FDA , CE,UL or BIS approved product
- 19) Should comply with IEC/TR 61010-3-020: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 3-020: Conformity verification report for IEC 61010-2-020:1992 Particular requirements for laboratory centrifuges.

Schedule-4

DEEP FREEZER -20°C

Technical Specification

1. Microprocessor controlled vertical Freezer, Double-door with adjustable (5 shelves or more)
2. Inner Chamber Capacity: 400liters (+/- 5%).
3. Outside and Inner chambers made of rust free stainless steel to prevent corrosion.
4. Should be mounted on lockable castor wheels.
5. Separate pull out Drawer/Chamber racks for easy handling.
6. Refrigerant: CFC-free.
7. Insulation: High density polyurethane or equivalent & Gaskets with double seal silicon.
8. Digital display of set and actual temperature.
9. Should have automatic defrost and inbuilt condensate evaporator to prevent condensation on storing material.
10. Heavy duty refrigeration system with cooling system to maintain an even and constant temperature throughout the cabinet.
11. Hermetically sealed compressors to minimize noise and vibration.
12. Audiovisual electronic system in case of temperature-shoot-up or power failure.
13. Safety door lock and door opening alarm.
14. Resettable over current breaker shall be fitted for protection
15. Capable of operating continuously in ambient temperature of 45⁰C and relative humidity of 15-90%.
16. Power input of 220-240v 50Hz.
17. Suitable line voltage corrector to be supplied with the equipment to handle input voltage range of 160V – 250V.
18. Should confirm to the standards for electrical safety.
19. Should be FDA, CE, UL or BIS approved product
20. Manufacturer/Supplier should have ISO certification for quality standards.

Schedule-5 **DEHUMIDIFIER**

Description of Function

A dehumidifier is an appliance that reduces the level of humidity in air; usually work by drawing moist air over a refrigerated coil with a small fan.

Operational Requirements

A Portable Laboratory Dehumidifier with castor wheels for easy transportation.

Features

- a) Microcomputer control
- b) Humidity Display
- c) Automatic Defrost
- d) Overflow Protection
- e) Water Full Indication
- f) Automatic Shut-off in case of tank full or damage or hose pipe is obstructed.
- g) Front Bucket removal
- h) External Drain Connector
- i) Anti-Bacterial filter
- j) Solvent can be used during summer.

Technical Specification

- a) Room area: 400 sq. ft approx.
- b) Capacity (Min.) 18 litre per day (30% - 90% RH)
- c) Control Type: Soft Key
- d) Humidity Control: Micro Computer control: continuously adjustable up to 40% RH.

Environmental factors

The unit shall be capable of operating continuously in ambient temperature of 5 to 45 °C and relative humidity of 15-90%.

Power Supply

- a) Power input to be 220-240VAC, 50Hz
- b) Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications.
- c) (Input 160 - 260V and output 220-240 V and 50 Hz)

Standards, Safety and Training

- a) Should be FDA, CE, UL or BIS approved product
- b) Manufacturer/Supplier should have ISO certification for quality standards.

Schedule-6 **WATER PURIFICATION SYSTEM**

Description of the Unit:

Ultra pure Water System: - Water quality required for Molecular biology, Tissue culture/HPLC applications. The system should contain pre filtration unit capable of accepting tap water feed, subsequently feeding Type-2 RO filtration equipment, Reservoir and finally Type-1 filtration equipment.

Technical Specification:

1. Pre - filtration Unit output specifications:
 - a) A pre-filter unit with 1 & 5 micron filter to remove particulate.
 - b) Motor and booster pump for feed pressure.

- c) RO grade water system.
- d) Pre-filter with anti scaling and activated carbon reverse osmosis.
- e) Conductivity cell before and after RO stage.
- f) Feed water handling of conductivity up to 2000microns/cm.

2. TYPE-2 RO Stage output specifications:

- a) Flow rate: 2L/h
- b) Organic ion removal up to 99%
- c) Resistivity: 5-15 cm.,
- d) TOC < 30 ppb,
- e) Colloidal index SDI < 3
- f) Feed water pressure bar: 0 -5
- g) Electrical feed voltage 90 – 230V ± 10%
- h) One pair of extra cartridge.

Reservoir 30 Litre capacity

3. Type-1 (Ultra pure water) system output specifications:

- a) Output/flow rate up to:1 L/min.
- b) Conductivity of 0.05 microns/cm
- c) Resistivity of 18.2 mega ohm. Cm
- d) Bacteria cfu/ml < 1
- e) Particles : <1/ml @0.1um
- f) TOC: < 5 ppb
- g) Endotoxin: < 0.001EU/ml

System Specifications

- I. The system should have dual identical purification stages that will ensure the water quality even if one stage fails.
- II. The system should have a built in facility for automatic complete system sanitization. This will eliminate biofilm formation and extend the life of purification components.
- III. The system should have a built in 0.05 Micron filter to stop any bacteria from entering the product water. The Micro filter should have a minimum life of one year.
- IV. The accessory should provide ultrapure water with extremely low levels of elemental contamination (ppt or sub-ppt level) from ultrapure feed water system.
- V. The system should be provided with long tubing within the lab to deliver water directly to the laminar hood and a glass holder to hold the tubing.
- VI. Essential water quality information should be clearly visible at the point of delivery.
- VII. There should be no metallic parts in the system delivering water to the laminar flow hood.
- VIII. Should be FDA or CE or BIS approved product.
- IX. DQ /IQ /OQ Documents need to be submitted with the system.

Schedule-7

ELECTRONIC BALANCE (HIGH END ANALYTICAL) (200g/ 0.1mg)

Description of Function

Electronic Balance is required for precision weighing of Lab samples.

Operational Requirements

- Microprocessor based single pan Analytical Balance with High accuracy & precision.
- Digital display weight readout.

- Electronic top loading balances with transparent case
- The balance should have functions of piece counting, percent weighing, formulation, dynamic weighing with automatic and manual start and provision for data interface.

Technical Specification

- a) Weigh accurately up to 4th decimal place
- b) Auto self-calibration facility
- c) Auto zero Setting
- d) One touch calibration
- e) Weighing capacity upto **60g.**
- f) Repeatability and resolution: **0.1 mg**
- g) Linearity : + 0.2mg
- h) Stabilization time < 5 second
- i) Adjustment weight (Int. wt.) 200g
- j) Adjustment weight (Ex. Wt.): 500 mg, 1g, 10g, 50g, 100g, 200g.
- k) Touch Screen Colored Display.
- l) Stainless Steel Large Square/ grid type weighing Pan
- m) IR Sensors for hands-free operation for personnel security and automatic draft shield opening and closing.
- n) Warns if the balance is not correctly leveled to ensure the accuracy of results.
- o) Automatic and detachable draft shield.
- p) Detachable and adjustable Terminal.
- q) Toolbox, including user administration and password protection.
- r) Integrated automatic safety functions for external routine operations.
- s) Alphanumeric data entry of 4 ID's.
- t) The unit shall be capable of operating in ambient temperature of 20-30°C and relative humidity of less than 70%.

Power Supply

- a) Power input to be 220-240VAC, 50Hz.
- b) UPS of suitable rating with voltage regulation with 60 minutes battery backup.
- c) Resettable over-current breaker shall be fitted for protection.

Standards, Safety and Training

Should comply with ISO/GLP.

Should be FDA or CE or UL or BIS approved product.

Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450.

Manufacturer/Supplier should have ISO certification for quality standards.

Schedule-8 **INCUBATOR with SHAKER**

1. Description of Function.

Incubator shakers perform mixing under controlled temperatures required in a number of Biotechnological Lab Procedures. They allow us to easily and accurately control both temperature and shaking to reduce incubation time.

2. Operational Requirements.

The system should be able to perform simultaneously as well as independently the shaker and incubation function.

3. Technical Specifications.

SHAKER SPECIFICATIONS

Motion – orbital motion.

Shaking speed 30 - 400 rpm adjustable

Platform- suitable for 50ml, 100ml, 250ml, 500 and 1Lit conical flask or beakers, must have provision for test tube stand.

Stroke at least 15 mm.

Timer: 1 min to 24h or continuous operation

Drive Mechanism: Triple – eccentric counterbalanced drive in cast iron housing with permanently lubricated ball bearings. Driven by solid-state brushless DC motor.

Max load up to 15 kg.

Common specification: there should be a keypad with LCD/LED display to set and display operating parameters, current status, running time and alarm

INCUBATOR SPECIFICATIONS

Microprocessor/Microcontroller / Microcomputer controlled system.

Capacity: 120 L.

Interior chamber: stainless steel for easy cleaning and decontamination.

Timer: 1 min. to 100 hours and hold position.

Minimum turbulence and no cross contamination

Adjustable safety thermostat for temp setting at 1 deg C increment

Temp Accuracy +/-1 % of required temp, with inbuilt Temp. Sensor.

Internal glass door for the observation.

With minimum two adjustable shelves.

Common specification : audiovisual alarm to indicate when speed deviates more than 5 rpm or temperature more than 1 °C from set point, and when program or time has finished, alarm may be muted.

Common specification: there should be sensors to limit speed of unbalanced shaker, stops shaker when excess vibration is detected and shuts off temperature when high-temperature limit is exceeded.

Peltier heating with continuous air circulation and heating by natural/ forced convection for homogenous temperature distribution.

Temp range 30 deg C above ambient to 50 deg C.

4. Power Supply.

Power input to be 220-240V AC, 50 Hz fitted with appropriate plug.

Suitable UPS with maintenance free batteries for minimum on-hour back-up should be supplied with the system.

Resettable overcurrent breaker shall be fitted for protection.

5. Standards, Safety And Training

7.1 Manufacturer/ supplier should have ISO certification for quality standards.

Schedule-9 **LYOPHILIZER (Freeze Dryer)**

Technical Specification

1. Condenser temperature; -105°C to -110°C
2. Ice removal capacity minimum of 1.5kg in 24 hrs.
3. Ice capacity at least 2.5kg.
4. Condenser chamber capacity of minimum 3.5kg.
5. Temperature display ambient to -120 C
6. Working temperature should be +5 to 32
7. Sound level dBA should be <70.
8. Ice condenser material AISI 316 stainless steel.
9. Display parameter status indicator (Alarm/Wait / OK).
10. Refrigerants R507/R1150.
11. Vacuum pump-rotary vane pump with a capacity of min 2 m³/h.
12. Sample Tray.
13. Torch should be provided.

Schedule-10 **MAGNETIC STIRRER**

Technical Specification

With Electronic speed control and digital display.

- Speed range : 100 - 1,400 rpm
- Speed accuracy : 2 %
- Enhanced heavy-duty stirring magnet drives stirring bars with ease
- Top plate made of corrosion-resistant stainless steel
- Plate diameter : 150 mm (+/- 10%)
- Even after extended operation minor heat transfer to the top plate only
- Electrical Supply: 230 v AC 50 Hz single phase.

Schedule-11 **HOT AIR OVEN (Table top)**

Technical Specification

1. Microprocessor based digitally controlled equipment suitable for daily usage.
2. Should have double walled construction, special high quality insulated steel.
3. Facility for adjustable shelves, **3 removable shelves** to be provided.
4. Size of inner chamber approx **55x55x70 cm** approx with internal lighting facility
5. Insulated door fitted with heavy hinges, mechanical door lock.
6. **Temperature range 30° - 250°C**, digital temperature setting.
7. Temperature sensor and Digital display of temperature (LCD/LED).
8. Forced uniform air circulation, Digital safety thermostat.
9. Delayed start and stop function, high quality heating element.
10. Supplied with cord & plug, operate at 220V/50 Hz AC supply
11. All consumables required for installation and standardization of system should be provided free of cost
12. Should have all the accessories required for the functioning of the equipment.
13. CE / ISI mark or other equivalent quality certification.

Schedule-12 **VACUUM OVEN**

Description of Function

The equipment is used for determination of Loss on drying of samples

Operational Requirements

1. Equipment should be GLP compliant
2. Number of shelves: two, perforated
3. Internal size: 30 (Dia) x 40 cms (Depth)
4. Temperature range 30 °C to 200 °C with temperature uniformity inside chamber is +/- 2°C, Humidity uniformity is +/- 1% RH.
5. Adjustment range from 0 to 1000 mbar
6. Alarm for high/low temp, low vacuum
7. Display for actual temperature & set temperature
8. Provision for insertion of probe for temperature mapping
9. Observation window
10. Programmable digital controlled connection for air & inert gas for vacuum bleed

11. Suitable Vacuum pump
12. Chamber material construction : SS 304, exterior body: SS or powder coated
13. Swing type gasket heat resistant door
14. Printer interface
15. Equipment settings should not get disturbed due to power failure.
16. Equipment should be CE/FDA approved product

Schedule-13

VORTEX MIXER

Technical Specification

1. Easy Vortex intensity regulation
2. Half sphere shape for maximal stability on the desktop
3. Can accept test tubes from 0.5ml to 50 ml.
4. Oscillation speed 200 to 2500RPM
5. CE or ISI certified

Schedule-14

SHAKING WATER BATH

Technical Specification

1. Should be based on advanced microprocessor technology with temperature control.
2. Operation through key pad.
3. Bath tanks and all parts in contact with the bath liquid should be made up of high grade stainless steel.
4. Filling volume should be around **20 Litres**.
5. Working temperature range: **18°C to 90° C**.
6. There should be a digital display of actual temperature value, set point, high/low temperature, for shaking frequency and times with display resolution of 0.1° C.
7. Temperature stability should be $\pm 0.2^{\circ}$ C.
8. Temperature uniformity in the bath should be $\pm 0.05^{\circ}$ C.
9. Should have provision to adjust shaking frequency up to **200 RPM**.
10. Audible warning safety signals should be there for high/low temperature warnings, and dry running protection.
11. Instrument should have lift up bath cover.
12. Carrier racks should be given for flasks and test tubes racks.
13. A cock should be provided to facilitate draining of bath contents.
14. Water bath protective media should be there to prevent contamination and formation of algae.
15. Heating capacity - 2 KW.
16. Equipment should be CE or ISI certified.
17. It should be manufactured in a ISO certified facility.
18. All electrical peripherals required for smooth functioning e.g. voltage stabilizer should be provided with the equipment. All consumables required for installation and standardization of system to be given free of cost.

Schedule-15

DISSECTING MICROSCOPE

Technical Specification

1. Eye piece: Straight binocular type wide field (10 x)

2. Optic carriers with five steps magnification
3. Fine focusing- manual
4. Objective 250mm f & 400 mm f
5. Cold light co-axial illumination additional 10 spare Halogen bulbs
6. Solid metallic body with sturdy stand riding on heavy castor wheels with locking breaks.
7. LED or Halogen illuminations 150W with power supply.
8. Should be supplied with 3 spare Halogen lamps.
9. Power input: 220-240VAC, 50Hz
10. CE or BIS approved product or equivalent.
11. Digital Image acquisition system

Schedule-16 **DIGITAL POLARIMETER**

Applications:

Analysis and Characterizations of Chiral compounds

Technical Specification

1. Built-in Microprocessor Controlled Optical Null Seeking
2. Optical density and Sample transmittance: Can measure samples with optical density of 3, corresponding to sample transmittance of 0.1%
3. Rotation Range and Units : +/- 80^o Arc, +/- 230^o Z (ISS) Selectable
4. Accuracy: +/- 0.01^o for < 20, +/- 0.05% for 20^o > 40^o in^o Arc mode
5. Readout Resolution: 5, 6 or 7 digits with sign :0.01^o / 0.001^o / 0.0005^o key pad selectable
6. Sample Cell length: up to 220 mm max.
7. Sample Cell Compatibility: 30 mm dia, 48 mm dia conventional size compatibility
8. PC & Printer interface
9. Auto Zero setting on power on, Blank cell can Zeroed any time
10. Power supply: Built in for Tungsten Lamp unit, external plug in supply for Arc lamp source
11. Correctness for moisture and temperature
12. Calculation for Specific Rotation/Concentration
13. QC Information: Upper and lower limit set up
14. Power Requirements-120-240 V, 50-60 Hz
15. ISO or better Quality certifications

Schedule-17 **SONICATOR**

Microprocessor based Programmable Probe Sonicator with control over probe intensity and suitable for nano particle dispersion, creating emulsion, Homogenization should be quoted with following specification.

Technical Specification

1. Generator Power: Generator power output within 700 Watt to 750 Watt, Frequency 20 KHz, Preferable dimension 230(H) x 180(W) x 330(L) mm and it may vary (\pm) 30 mm each side.
2. Converter: Piezoelectric based sealed converter having diameter 60 mm to 70 mm diameter and length of 170 mm to 190 mm with required converter cable and stand.
3. Probe: Threaded and replaceable standard probe tip suitable for working volume 0.5 ml to 15 ml and 5 ml to 50 ml.
4. Temperature: Stainless steel Temperature sensor suitable to monitor and Sensor maintained sample temperature up to 100 deg C.
5. Necessary tool kits, sound abating enclosure and laboratory Jack should be quoted by the manufacturer.

Schedule-18

SOXHLET APPARATUS

1. Samples per batch: 6 (Six samples at a time)
2. Capacity per day : 30 - 45 samples
3. Sample size to be used: 0.5 to 15 gram
4. Measuring range : 0.1 - 100% Fat with reproducibility of +/- 1%
5. Maximum temperature: 200 - 300 °C
6. Solvent tube volume: 70-140 ml
7. Initial heat-up time Room temperature to 200°C within 6-10 minutes
8. Max. water consumption for cooling: 2-3 Litres/ min
9. Solvent recovery 70% or more
10. Weight of extraction unit 30 - 40 kg.
11. Power: 220 – 240 V 50/60 Hz
12. Power consumption: 1200-2000 Watts
13. All the steps in extraction should be automated and programmable.

Schedule-19

TLC SETUP WITH PLATES

Semi-automatic sample application for qualitative and quantitative analyses as well as for preparative separations; suitable for routine use with medium sample throughput

1. U.V.Chromatography inspection cabinet with two U.V. tubes 254 and 365 nm with imported filters..
2. Object support For objects up to 20x20 cm
3. Stage drive Stepping motor 3000steps/rotation, 8 steps = 0.1 mm
4. Band length 0 (spot) - 190 mm in steps of 0.1 mm
5. Speed approx. 10 mm/s.
6. Dosage syringe drive: Stepping motor approx 1500 steps / rotation
7. 120 steps with 100 μ L syringe
8. 24 steps with 500 μ L syringe
9. Developing tank with lid.(capacity to hold 20 x 20cm plates)
10. Sample dosage syringe selectable 100 μ L or 500 μ L
11. Display : LCD / LED display

12. Mains voltage: 230 V , 50Hz
13. One No. Hair Dryer (1000W) from a reputed manufacturer to be supplied.

Standards & Safety

- a. Should be FDA/CE approved product
- b. Manufacturer should have ISO certification for quality standards.

Standards & Safety

- a. Should be FDA/CE approved product
- b. Manufacturer should have ISO certification for quality standards.

Schedule-20

MULTI CHANNEL PIPETTES- Variable Volume

1. Description of Function

Light weight electronic Pipette for high Professional Standards that provide optimal support in work

2. Technical Specification

1. Only one multi function rocker for liquid aspiration & dispensing.
2. To provide thermal, mechanical and chemical stability, the piston should manufactured with the combination of Fortron and PEEK material
3. Piston should automatically return to Zero position when tip is ejected.
4. Should have in built help menu.
5. Spring loaded tip cone that provide maximum tightness with minimal attachment force.
6. Pipette should have a counter for counting the pipetting action
7. Pipette should have Li-Polymer battery that provides long service life without charging (maximum of 8 hours without charging)
8. Provision to adjust pipette for altitude above sea level from 0 – 5000 m, 75% Ethanol and 50% Glycerol
9. Pipette should work continues while charging.
10. Parameters should be in the same position regardless of the mode
11. Provision to autoclave the lower parts
12. Should have provision for removing individual channels (in Multichannel Pipette) to adjust the distance between channels.
13. Provision for electronic labeling to prevent an accidental exchange or loss
14. Should have adjustable volume range from (10- 200 uL, 1 – 20 uL– 4 set)
15. Should have Documentation Certificate of calibration and inspection from factory.

Schedule-21

HEAVY DUTY BLENDER

Machine suitable for the effective & uniform mixing, lubrication and blending process of dry powder & granules. (Octagonal Blender Capacity 300 Kg GMP Model).

Technical Specification

1. Gross Volume 300 litres
2. Working Volume 200 litres
3. Loading Capacity 300 kg
4. Material Loading Capacity on assuming bulk density of 0.5 mm.
5. Material thickness is 3mm all over for the container.
6. Baffle from S. S. 316 pipes of 40 mm diameter and 3 mm thick
7. Electric Motor of and gear box is suitable as per capacity of blender.
8. Butterfly valve of 250 diameters in S. S. 316 with Silicon Seating.

All the product contact parts to be made from Stainless Steel corresponding to AISI 316

Non-contact parts and outer surfaces to be made from Stainless Steel corresponding to AISI 304. As per cGMP requirements.

Schedule-22

MANUAL CAPSULE FILLING MACHINE

Description of Function:

The 100 holes GMP model manually operated hard gelatin capsule filling machine herbal, nutraceutical and pharmaceutical products, large variety and low volume encapsulation operations, simplicity in operation and the moderate output and it should be wide and varied application suitable to micro and small unit.

Important feature

The Contact parts should be SS 304 Stainless steel construction and use of non-corrosive approved materials to avoid contamination and facilitates easy cleaning. Simple design and robust construction ensure long life and trouble free operation. All the loading plates are made of S.S. 304 quality.

Technical specification

Production Capacity : up to 2000 capsules/ hour for capsules of '00' to '2'

Case dimension 508 x 508 x 460 H.

Separate attachment for each tablet size should be supplied

Schedule-23

FILTER PRESS

Description of the unit

MOC: Acrylic, counter current wash type.
Filter element: PP and cloth (both).
Sparkler Filter with 18 inch diameter plate with template and "O" holding.
3 non-wash plates & 2 wash plates.
PP filter cloth with slurry tank of capacity 30 litre.
Drain valve & bypass valve.

Schedule-24

MECHANICAL SIFTER /SIEVE

Description of Unit

Vibro Sifter 24" GMP Model Machine with various Sieves.
Vibro Sifter designed and built as per GMP Standard, consists of cylindrical structural base, counterweight vibratory system, Bowl assembly, Castors, Guards & Sieve.

Technical Specification.

All contact part SS 316 Quality gsw signal desk, Screen Diameter- 900 mm, Electrical Motor-1 HP (reputed make non FLP), Vertical Mounted with push Button switch and starter, castor wheel with break, one screen along with the machine to be supplied.

Extra screen Size required- 14, 18, 20,24,40,60 meshes

Screen Diameter: 90 cm

Charging Height: 1200 mm

Discharging Height: 750 mm

Electricals: 1 HP (Non FLP)

Lead Free Sieve

Sieve with annular frame without lead joint to be supplied. Food grade adhesive to be used to assemble annular frame & sieve to eliminate any weld joint which may contain lead.

Silicon Coated Sieve

Silicon coating Rim on Annular frame to be supplied to eliminate any chances of product contact with materials other than SS304 and Silicon.

Note:- The Machine to be supplied with various sieves (Different machine Number).

Schedule-25

GRINDER / PULVERIZER (2 no.s)

Common Features :

Compact size

Dust free operation

Ideal for dry crushing

Very easy to operate thus do not required skilled labour

Grinding of HERBS in pulverizer also insure that HERBS do not change colour

Steel cyclic (gang) with pipe folding is provided with machine which makes it comfortable for cleaning

Technical specification : GRINDER - I

Capacity : 10 to 20 kg/hr

Horse power : 1HP standard AC single/three phase electric motor

Chamber size : 200 mmX 75 mm

Pulverizer rpm : 2400 to 5000
Stainless steel chamber
High quality bearing
Accessories :
One number of cotton balloon
Five number of different size hole screen for getting different mesh powders

Technical specification : GRINDER - II

Capacity : 50-100 kg/hr
Horse power : 7HP standard AC single/three phase electric motor
Stainless steel chamber
High quality bearing
Accessories :
One number of cotton balloon
Five number of different size hole screen for getting different mesh powders

Schedule-26

**INVERTED PHASE CONTRAST MICROSCOPE - with
fluorescence upgradability - 5/10/20/40x obj**

Technical Specification

1. Microscope with requisite condenser suitable for brightfield, phase-contrast applications.
2. Microscope body with infinity corrected optical system, extra long working distance objectives.
3. Extendable optical free space for attaching other attachments in future.
4. Port for camera attachment, upgradable to additional port.
5. Operation buttons for verifying microscope status including attached objective information.
6. Binocular tube with diopter adjustment facility.
7. Universal stage with modules compatible for observation in slide, culture flask and 96 well plate format.
8. Optics to ensure highest colour correction level.
9. Illumination with 12v, 100w pre-centered halogen bulb with at least 2 spare halogen bulbs OR LED light source
10. Eye pieces should be 10 X , FOV 22 with diopter adjustment facility.
11. Appropriate objectives for bright field (5x, 10x, 20x, 40x) Phase contrast (10 - 40x), along with required accessories for phase contrast observation.
12. Pre-centered 100 W cold light Mercury fiber illuminator /100 W LED, with lamp life of at least 2000hrs
14. Compatible high resolution camera (Minimum 5 mega pixel and colour depth of 36 bits with 2/3" high density CCD chip networking of or better) capable of handling brightfield, fluorescence, phase contrast images, live display mode, binning modes, with at least 16 x digital zoom.
16. RGB color filter with UV & IR and protective filters for dust.
17. Compatible branded PC with i5 or better processor, 4GB RAM, 500 GB HDD, UPS, 18.4" TFT color monitor with licensed windows operating system.
18. Image analyzer software with the following features: modes for brightfield, fluorescence, phase contrast image, Image merging, time lapse imaging annotations, micron bar,
19. Microscope and camera should be from the same manufacturer.

The Microscope should be upgradeable to Fluorescence capability with following features:

1. Fluorescence objectives (10 x / 20 x & 40x) ,
2. Epi-fluorescence attachment with filter block, noise terminator mechanism.
3. Light intensity control for fluorescence.
4. Band pass fluorescent filter for FITC/GFP (Ex465-495nm) PI/TRITC/ Rhodamine (520-560nm), UV filter for DAPI/Hoechst (330- 380). Cy7 filter with no cross talk.
5. Measurement of multichannel fluorescence & spot metering option.

Schedule-27

LAMINAR FLOW

1. Description of Function

Laminar Airflow is required to make available an environment whose air supply is free of bacteria, fungi, pollen, and practically all air-borne dirt.

2. Operational Requirements

The basic equipment shall consist of a HEPA filter, pre filter, suitable blower assembly, necessary lighting, indicators and controls for the cabinet. The equipment should be mounted on a stand with leveling feet.

3. Technical Specifications

- a) Type of Flow: Vertical – Re-circulatory
- b) HEPA FILTER : Face dimensions: 4ft (L) X 2ft (W) X 6 ft
- c) The HEPA filter should have rated efficiency of 99.97% (or better) at 0.3 microns to provide product protection of Class 100 or exceeding Class 100 requirements of Federal Standards 209E or equivalent ISO within the work area.
- d) PRE Filter with Synthetic, non-woven polyester fibers having casing of enamel painted CRCA frame with Retention of 10 - 15 Micron and 90 % Efficiency. Washable with an arrestance of 90% or better
- e) Material of construction: Main body and rear panel: Electro-galvanized steel or Mild Steel, oven baked epoxy powder coated finish. Side window (panels): UV stabilized transparent Perspex or polycarbonate. Worktable (surface): SS304 or SS316.
- f) Working area should be 24 cu-ft.
- g) Blower Assembly: DIDW type blower system with high RPM motor, enclosed in an powder coated MS casing suitably suspended in a pair springs & connected to the filter chamber through flexible canvas duct.
- h) Front Windows Acrylic, fixed by clamps.
- i) Illumination with Fluorescent tubes with diffusers. Light Intensity at Work Surface :800-1000 lux/75-90 foot candles
- j) Laminar Airflow Velocity: Approx. 90 feet per minute (fpm)+/-10% average velocity measured 50 mm from the filter face. Uniformity +/-20% of average or better.
- k) Additional Requirement: Vibration free Gas burner facility on working bench .Air pressure indicator with manometer (Differential Pressure Gauge with Scale display in cms of water).Drain valve with smooth drainage arrangement. Exhaust ducting as per site requirement
- l) UV Germicidal lamp intensity >40 microwatt/sq. cm. over the entire work surface.
- m) Switched and indicators: Individual switches and indicator lamps for blower motor, florescent lamp and UV lamp.

- n) Spare HEPA Filters and PRE Filters- 2 SETS EACH
- o) Electrical outlet socket (5 ampere rating) qty: 2 nos.
- p) Valves for gas service-one each for gas and vacuum.

Schedule-28

SPECTROPHOTOMETER

UV VISIBLE DOUBLE BEAM SPECTROPHOTOMETER

1. Optical system- diffraction gratings
2. Wavelength range 200-800 nm.
3. Wavelength accuracy +/-0.3nm.
4. Absorbance range 0-3 Abs
5. Band pass < 2 nm
6. Light source Tungsten / Halogen / Deuterium / Xenon lamp
7. Photometric modes: Absorbance, % transmittance and Concentration
8. Detector – Silicon photodiode
9. Quartz cuvettes 1.0 ml (two pairs), 2.0 ml (two Pairs), 3 ml (two pairs) & micro cuvettes
10. Glass cuvettes 1 ml (2 pairs), 2ml (2 Pairs) ,3ml (2 Pairs) & micro cuvettes
11. Should have built in analysis software and interfaced to a dedicated Computer and laser printer
12. Computer: i5 3rd generation with licensed windows operating system, 4GB RAM/ above, 500 GB HD or Higher, DVD RW, 15-17” colour LCD/LED monitor
13. Printer: Colour laser printer
14. Suitable UPS with 30 minutes backup.
15. Power supply 220-240 V+/-1- 10%
16. Facility for Both Kinetic and End Point assay of Sample volume of minimum 0.5 ml with temperature control.
17. Adapter for holding micro cuvettes.
18. Should be FDA or CE or BIS approved product.

Schedule-29

AUTOMATED URINE ANALYSER

The Automatic Urine Chemistry Analyser should be able to measure quantities of : Glucose, protein, pH, Leucocytes, Nitrite, Ketones, Bilirubin, Urobilinogen, Blood, SG (10 parameter)

Technical Specifications

- 1) Sample: Un-centrifuged Fresh Urine
- 2) Analysis time – less than 1 min
- 3) Sample throughput – approx. 60 test strips / hours (normal Mode)
- 4) Calibration through dry strips for better results.
- 5) Totally Maintenance Free System

- 6) Light Source - LED
- 7) Wavelength measurements - 470nm, 555nm, 620 nm
- 8) Digital Data Display on LCD / TFT monitor
- 9) Data printout on built in thermal printer
- 10) Memory for 1000 results with time and date,
- 11) Flagging of abnormal results
- 12) Interfaces - 1 x RS 232 / USB
- 13) 230V AC operation
- 14) CE / CB / UL approved

Schedule-30

ELISA READER & WASHER

Technical Specifications Elisa Reader

- 1) Should have a wavelength range of 400-750nm
- 2) Should have half bandwidth of filters less than 10nm
- 3) Should have optical system tunable at any wavelength for 400-750nm or optical filters
405nm, 450nm, 490nm, 530nm
- 4) Should have a read out range of absorbance 0 to 3.5 Abs
- 5) Should have a resolution of 0.001 Abs
- 6) Should have light source of quartz tungsten halogen lamp
- 7) Should have an accuracy $\pm 2.0\%$ and ± 0.007 Abs unit.
- 8) Should have alphanumeric LCD display
- 9) Should have option of external printers
- 10) Should have reading speed not more than 6 seconds for 96 wells
- 11) Should have linear shaking of plate facilities
- 12) Should be able to run power supply 230V $\pm 10\%$ AC , 50 HZ
- 13) Original literature should be supplied with the quotation

Technical Specifications Elisa Washer

- 1) Should have 8 channels or 12 channels interchangeable co-axial wash heads
- 2) Should have inbuilt vacuum pump with auto shut off mode
- 3) Should have programmable cards for washes , soak times volume and pause time

- 4) Should have fully automated microplate washer for rapid and effective washing of all types of ELSA flat, U or V bottom plates and coated assays
- 5) Residual volume should be less than 5µl/well
- 6) Precision should be 5%
- 7) Operating cycle should be continuous
- 8) Volume of waste bottle should be minimum of 2 litres each

Schedule-31

SEMI AUTOMATED BIOCHEMISTRY ANALYSER

Description of Function

For analysis of serum, plasma, urine, cerebrospinal fluid (CSF), haemolysate and whole blood.

Operational Requirements

Semi automated Chemistry Analyzer with built in software for the calculation and curve plotting. It should accept all types of curve-fits like Log-log, Log-linear, Exponential, point to point. User programmable memory for up to 50 chemistries minimum with programmable by the user.

Technical Specifications

- 1) Light Source: Quartz Halogen Lamp
- 2) Wavelength Range: Automatic selection by at least 8 position filter wheel ranging 340 – 770 nm.
- 3) Photometric Range: 0 to 3.0 Absorbance.
- 4) Calculation Modes:
 - Absorbance/concentration
 - End point with factor or standard.
 - Enzyme kinetics with factor or standard.
 - Fixed time with factor or standard.
 - Differential mode with factor or standard.
 - Polygonal multi standard (Calibration Curve).
 - Nonlinear software for Elisa should be there.
- 5) Kinetics:
 - Delta determination.
 - Incubation Time 1 to 999 second.
 - Interval Time 1 to 999 second
 - Should be programmable with increment of 1 second for faster reading in kinetic tests.
- 6) Aspiration system :
 - Programmable sipping volume from 100 – 1000
 - Automatic calibration of sipping volume.
 - Automatic adjustment of sipping time.
 - Facility for air purge in between 2 samples to avoid carry over.
- 7) Quality Control - At least 2 controls per test.
- 8) High/Low flags.
- 9) Flow Cell- Metal with quartz window, measuring volume of about 25 ul.
- 10) Temperature control by peltier element
- 11) Computer connection: Possibility to take repeat readings of reaction solution aspirated flow cell for kinetics.

- 12) Shall meet IEC-60601-1-2 : 2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.
- 13) The unit shall be capable of operating in ambient temperature of 20-30 deg C and relative humidity of less than 70%
- 14) Power input to be 220-240VAC, 50Hz
- 15) Resettable over-current breaker shall be fitted for protection
- 16) Suitable UPS with maintenance free batteries for minimum one-hour back-up should be supplied with the system.

Schedule-32

ECG MACHINE - 12 CHANNEL

Technical Specifications

- 1) Real-time recording and printing of 12-channel ECG waveform
- 2) Graphic display of 12-Channel ECG waveform
- 3) Light, compact with A4 size printer
- 4) Simultaneous acquisition of 12-lead ECG data
- 5) Built-in analysis software of age which assures accurate analysis result
- 6) Auto-measurement, auto-interpretation, waveform playback and storage of ECG data
- 7) Literal and graphic operation interface
- 8) Powerful filters to minimize interference
- 9) Heart rate measurement and pace-maker protection circuit
- 10) Multi printing formats: manual & automatic, standard 12 channel, 3 channel plus 3 rhythm lead, 6 channel, 6 channel plus rhythm lead, 60s analysis of arrhythmia.
- 11) AC, DC or built-in lithium battery power supply, alarm of battery weak and lead-off.
- 12) 20 boxes of disposable electrodes
- 13) Certifications and standards: FDA / CE/UL / BIS approved product
- 14) Manufacturer should be ISO certified for quality standards.

Schedule-33

500 mA HIGH FREQUENCY X-RAY UNIT

The unit should be completely integrated system with X-Ray Table, 3-D column, Generator and Tube from the same Principal Company

Mention the year of introduction of the quoted model in the international market and the quoted. Model should be latest state of Art technology.

The X-Ray machine quoted by the firm should have AERB type approval & CE / US FDA approval".

- 1) Generator :

- a) Generator should be high frequency /inverter type for constant output & microprocessor controlled.
- b) Output 50 KW or more
- c) KV range 40 KV - 150 KV
- d) Output at 100 KV should be at 500 mA or more
- e) It should have automatic exposure control (AEC) device for both vertical bucky as well as table.
- f) It should have digital display of KV & mAs.
- g) Anatomical programming radiography should be possible.
- h) It should have over loading protection

2) X-Ray Tube & Collimator & Ceiling Suspension:

- a) The X-Ray tube should be ceiling suspended by a 3-D column to support full range of general Radiographic applications with movements in all direction longitudinal, transverse and vertical with electromagnetic locks and counter balance mechanism. The need based extension of Ceiling suspension and rail should be possible.
- b) Travel on longitudinal rail 300 cm or more, Travel on transversal bridge 200 cm or more Vertical travel of 150 cm or more.
- c) The tube mount should have free rotation about its axis for various positions and radiograph
- d) Must have dual focus spot, small focal spot should be 0.6mm or less and large focus of 1.2 mm or less.
- e) Tube loading should be at least 30KW for small focus and at least 80KW for large focus with anode heat storage capacity of 300 KHU or more.
- f) Multi-leaf Collimator should have halogen light with auto shut off and digital display.
- g) Motorized collimator having additional filters (for Dose Reduction), auto collimation according to SID and size of the inserted cassette.
- h) Laser light for patient positioning

3) Patient Table:

- a) Table with motorized height Adjustment, floating table top
- b) It should have foot switches for – adjusting height, longitudinal and transverse movements & locking.
- c) Maximum Patient weight – 200 kg or more.
- d) It should have scratch resistant flat top of Carbon Fibre or equivalent.
- e) AEC with 3 ion chambers to be provided
- f) It should have transverse + 10 cm or more and longitudinal movements + 35 cm or more with electromagnetic brakes.
- g) It should be provided with bucky which can hold all standard size of cassettes up to 14"x17".
- h) Table Bucky should have a grid ratio 12:1 or more with 40 lines per cm.

4) Vertical Bucky Stand:

- a) It should have Counterbalanced, adjustable height vertical Bucky
- b) It should have automatic exposure control 3 ion chambers.
- c) It should be able to take up cassettes of different sizes up to 14" x 17".
- d) It should have electromagnetic locking facility for smooth positioning.
- e) It should have tilt able Vertical bucky (-) 15 degree to (+) 90 degree.
- f) Vertical bucky should have a grid ratio 12:1 or more with 40 lines/cm

5) Essential Accessories: The following essential accessories to be provided with the unit.

- a) Voltage stabilizer of 75 KVA Capacity with spike suppressor. The "make" of the voltage stabilizer should be specified.
- b) Lateral cassette holder – One
- c) Lead Glass of 100 x 80cm with lead equivalent as per the AERB recommendations.

6) Warranty :

- a) **Warranty of 3 years** of all parts including X-Ray TUBE as well as accessories and auxiliary units supplied with the Main equipment.
- b) The unit should have type Approval of the AERB for radiation protection and should be US FDA/CE Certified.”
- c) In case of imported item, the firm should get the third party inspection done before dispatch of the equipment at its own cost, certifying that the equipment is brand new and as per NIT/specifications.

7) Turnkey Work:

The department would provide only three phase power supply in the room. The rest of the work will be done by the supplier on “turnkey basis” including girders for ceiling suspension etc., if required. Appropriate Earthing to be provided by the supplier, if required.

Schedule-34

ULTRASOUND SCANNER - B/W

1. New generation Digital Beam former with dynamic receiver transmitter.
2. Wide bandwidth transducer with system frequency ranging from 2.6 — 10.0 MHz.
3. At least 30 Exam presets.
4. System should Support Convex, Linear and Sector transducer.
5. Should have at least 100 frames/sec frame Rate
6. Integrated with minimum 12inch High resolution Monitor
7. At least 30 steps selectable Dynamic Range
8. B Mode, 2D and M Mode scanning Mode should be available.
9. Image processing - Edge enhancement, Persistence, Post processing, Frequency Selection as standard
10. System should have standard Tissue Harmonic Imaging, should be available in convex and Linear Transducers.
11. Zoom facility should be available with real time, frozen images and including cine replay, Up to X20 should available.
12. Post processing features should be possible on freeze and cine images, i.e zoom, gray maps and measurements, Reports, pictograms and annotations
13. At least 50 annotations should be available.
14. At least 8 slide controls should be available.
15. Scanning depth of 2-24cm with 1 cm increment should be possible
16. Should have an integrated workstation with inbuilt storage having minimum 40GB HDD and inbuilt DVD RW for transferring images and reports
17. DICOM print and store should be offered as standard.
18. Up to two probes should be connected simultaneously.

19. Complete measurement package for Obs /Gynae, Urology, Surgery, Orthopaedics and small parts along with reports for each should be available.
20. Required transducers:
 - a. Convex transducer (2.0 - 5.0 Mhz) with at least three selectable fundamental frequencies, Two tissue Harmonic imaging frequencies and at least 128 element as standard
 - b. Endocavity (4.0 - 9.0Mhz) Transducer user selectable frequency with 140° ROI
 - c. Linear transducer (5.0-10.0 Mhz) with tissue harmonic imaging and at least 128 elements as standard
21. Standard accessories – UPS for system with 30 minutes back up
22. Should be FDA or CE or BIS approved product

Schedule-35

DISSOLUTION APPARATUS - 6 stations

1. Speed Range: Variable speed from 25 to 200 rpm
2. Speed Accuracy: ± 1 rpm
3. Temperature Range: 30° C to 40° C
4. Temperature Accuracy: ± 0.2 ° C
5. Display: at least 20x4 Character back lighted LCD
6. No. of Protocol: Minimum 20
7. Sample Interval: Maximum 12 of 01 Min to 23 hrs. 59 min.
8. Printer Interface: USB interface.
9. Bath: Clear Acrylic Moulded water bath
10. Bath size: W 700mm x D 350mm x H 200mm (Approx)

Standard, Safety and training

- a) Should be FDA/UL/CE/BIS approved product.
- b) Manufacturer should have ISO 9001 certificate for quality standards.
- c) On site comprehensive training for lab staff and support services till customers satisfaction with the system.
- d) Installation testing: supplier of the instrument must provide free installation, commissioning and testing
- e) User/Technical/Maintenance manuals to be supplied in English.
- f) Certificate of calibration and inspection.
- g) Current users/performance list to be provided and demonstration covering all aspects has to be provided.
- h) Validation document to be supplied by vendor: IQ, OQ, PQ.
- i) Surge protector is to be quoted and supplied with the instrument.

Schedule-36

DISINTEGRATION APPARATUS

1. No. of Baskets : Double Basket (2x6 Test)
2. Strokes : 50mm.Approx.30 strokes
3. Setting : 4digit. Up/Down tactile switches
4. Temp Controller : Digital 5°C above amb.To 45°C accuracy $\pm 0.5^\circ$ C
5. Timer : Digital Pre-set Timer 00.01 to 99.59Hrs. with alarm.
6. Bath : Made up of thick clear acrylic.
300mm Wx200mm Dx200mm H
7. Heater : 350 Watts Stainless Steel
8. Accessories : Two USP Basket Assemblies of six glass tubes & guided disc
9. Acrylic Bath with Heater, PT- 100 sensors 2 nos, Optional: 1000ml. Glass Beaker (2 Nos)

Schedule-37

FRIABILITY APPARATUS

Description of function

Friability apparatus measures the potential percent weight loss of compressed tablets. It replicates the rigorous environmental conditions that tablets are subjected to during the manufacturing, packaging, and distribution processes.

Technical specification

1. Measures Obsession Strength of Tablets with programmable timer.
2. Rotation Speed 25 rpm +/- 1,
3. Auto & manual mode of operation with 2 acrylic drums,
4. Results are displayed on 3 digit LED display and it has 3 digit preset-able control.
5. **Accuracy** - ± 1 revolution.
6. **Range**- 0- 999 revolutions.
7. **Operating Temp. Range** 10⁰ to 50⁰ C

Schedule-38

DISTILLATION APPARATUS (Kjeldhal apparatus)

Technical specification

1. Body should be made of powder coated MS steel.

2. Should be provided with clamps for lifting the equipment
3. Open type system
4. Lower exhaust or water ejector cooling system
5. Should have temp gauge to display temperature digitally
6. Should provide macro distillation for determination of 1 to 6 samples up to five grams
7. Should have atleast six heaters with six individual infinite controls knob with variable inputs 20-100% capacity and distillation manifold equipped with six seamless stainless steel tubes, cooling water temperature gauge and remote control flow valve. Inlet and outlet water connections are 3/4" NPT
8. Supply line must be 1/2" ID minimum.
9. Includes 6 connecting bulbs and 6 delivery tubes. Requires 500 or 800 ml Kjeldahl flasks (not included).
10. Should work on 500 or 800 ml Kjeldahl flasks (flasks to be included in the scope of supply)
11. Should be European CE or US FDA approved product.

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

- a) Two years/ five years as applicable Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including Batteries for UPS, other vacuumatic parts, helium wherever applicable) and Turnkey Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
- b) 98% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
- c) All software updates should be provided free of cost during Warranty period.

2. After Sales Service:

After sales service centre should be available at the city of Hospital/Institution/Medical College on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided directly by Tenderer/Indian Agent. Undertaking by the Principals that the spares for the equipment shall be available for at least 10 years from the date of supply.

3. Training:

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

4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Turnkey:

- a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) and Turnkey (if any). The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period
- b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- c) Cost of CMC will be added for Ranking/Evaluation purpose. The same will be taken at Net Present Value with a 10% discounting factor each year.
- d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 2.5 % of the cost of the equipment as per Section XV valid till 2 months after expiry of entire CMC period.
- e) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

- f) During CMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- g) All software updates should be provided free of cost during CMC.
- h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
- i) The payment of CMC will be made as stipulated in GCC Clause 21.

Turnkey:

Turnkey is indicated in the technical specification of the respective items, wherever required. The Tenderer shall examine the existing site where the equipment is to be installed, in consultation with HOD of Hospital/Institution/Medical College concerned. Turnkey details of each Hospital/Institution/Medical College are given at the end of Technical Specification. The Tenderer to quote prices indicating break-up of prices of the Machine and Turnkey Job of each Hospital/Institution/Medical College. The Turnkey costs may be quoted in Indian Rupee will be added for Ranking Purpose.

The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

The Turnkey Work should completely comply with AERB requirement, if any.

Note 1: Tenderer's attention is drawn to GIT clause 18 and GIT sub-clause 11.1 A (iii). The tenderer is to provide the required details, information, confirmations, etc. accordingly failing which it's tender is liable to be ignored.

Note 2: General: Bidders are requested to make sure that they should attach the list of equipments for carrying out routine and preventive maintenance wherever asked for and should make sure that Electrical Safety Analyzer / Tester for Medical equipments to periodically check the electrical safety aspects as per BIS Safety Standards IS-13540 which is also equivalent to IEC electrical safety standard IEC-60601 is a part of the equipments. If the Electrical Safety Analyzer/Tester is not available they should provide a commitment to get the equipments checked for electrical safety compliance with Electronic Regional Test Labs / Electronics Test and Development Centres across the country on every preventive maintenance call.

SECTION – VIII

Quality Control Requirements

(Proforma for equipment and quality control employed by the manufacturer(s))

Tender Reference No.

Date of opening

Time

Name and address of the Tenderer:

Note: All the following details shall relate to the manufacturer(s) for the goods quoted for.

- 01 Name of the manufacturer
 - a. full postal address
 - b. full address of the premises
 - c. telegraphic address
 - d. telex number
 - e. telephone number
 - f. fax number

- 02 Plant and machinery details
- 03 Manufacturing process details
- 04 Monthly (single shift) production capacity of goods quoted for
 - a. normal
 - b. maximum

- 05 Total annual turn-over (value in Rupees)
- 06 Quality control arrangement details
 - a. for incoming materials and bought-out components
 - b. for process control
 - c. for final product evaluation
- 07 Test certificate held
 - a. . type test
 - b. . BIS/ISO certification
 - c. . any other
- 08 Details of staff
 - a. technical
 - b. skilled
 - c. unskilled

Signature and seal of the Tenderer

SECTION – IX

Qualification Criteria

01. The tenderer must be a manufacturer. In case the manufacturer does not quote they shall give reasons for not quoting directly. They may authorise their agent as per proforma of Manufacturer authorization form as given in the tender enquiry document to quote and enter into a contractual obligation.
2. (a) The Manufacturer should have supplied and installed in last **Five** years from the date of Tender Opening, at least 50% of the quoted quantity (If the quantity required is only one then in that case the manufacturer should have supplied and installed at least one quantity as asked for) of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily.
2. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 2 (a) should have executed at least 25% of the quoted quantity (If the quantity required is only one then in that case the manufacturer should have supplied and installed at least one quantity) of the similar equipment of any manufacturer meeting major parameters of technical specification which is functioning satisfactorily.

1. The tenderer shall give an affidavit as under:

“We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.”

2. In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma ‘A’.

The manufacturer (Tenderer) / Indian Agent shall furnish Satisfactory Performance Certificate in respect of above, duly translated in English and duly notarized in the country of origin, alongwith the tender.

3. The Tenderer shall furnish a brief write-up, packed with adequate data explaining and establishing his available capacity/capability (both technical and financial) to perform the Contract (if awarded) within the stipulated time period, after meeting all its current/present commitments. The Tenderer shall also furnish details of Equipment and Quality Control in the enclosed Section VIII.
4. Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer’s capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.
5. The Purchaser reserves the right to ask for a free demonstration of the quoted equipment at a pre determined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the Price Tender.

PROFORMA 'A'**PROFORMA FOR PERFORMANCE STATEMENT**

(For the period of last five years)

Tender Reference No. : _____

Date of opening : _____

Time : _____

Name and address of the Tenderer : _____

Name and address of the manufacturer : _____

Order placed by (full address of Purchaser/ Consignee)	Order number and date	Description and quantity of ordered goods and services	Value of order (Rs.)	Date of completion of Contract		Remarks indicating reasons for delay if any	Have the goods been functioning Satisfactorily (attach documentary proof)**
				As per contract	Actual		
1	2	3	4	5	6	7	8

We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.

Signature and seal of the Tenderer

**** The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished.**

SECTION – X
TENDER FORM

Date _____

To

**Head (P&CD), HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A,
Sector -62, Noida -201307, Uttar Pradesh**

Ref. Your TE document No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver _____ (*Description of goods and services*) in conformity with your above referred document for the sum of _____ (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – “Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance as required in the GIT clause 20, read with modification, if any in Section - III – “Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities.

We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any

(Signature with date)

(Name and designation) Duly authorised to sign tender for and on behalf of

SECTION – XI PRICE SCHEDULE**A) PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA**

1	2	3	4	5							6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at Consignee Site) basis (Rs.) 4 x 5(g)
				Ex - factory/ Ex -warehouse /Ex-showroom /Off - the shelf (a)	Excise Duty (if any) [%age & value] (b)	Sales Tax/ VAT(if any) [%age & value] (c)	Packing and Forwarding charges (d)	Inland Transportation, Insurance for a period including 3 months beyond date of delivery, loading/ unloading and Incidental costs till consignee's site (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (f)	Unit Price (at Consignee Site) basis (g) =a+b+c+d+e+f	

Total Tender price in Rupees: _____

In words: _____**Note: -**

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C

Name _____

Business Address _____

Place: _____

Signature of Tenderer _____

Date: _____

Seal of the Tenderer _____

B) PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5					6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Currency)					Total price on CIP Named Port of Destination + Insurance (local transportation and storage) 4X 5 (e)
				FOB price at port/ airport of Lading (a)	Freight & Insurance (port of loading to port of entry) and other Incidental costs (b)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site** (c)	Extended Insurance (local transportation and storage) from port of entry to the consignee site for a period including 3 months beyond date of delivery** (d)	Unit Price on CIP Named Port of Destination + Extended Insurance (local transportation and storage) (e) = a+b+c+d	

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

Total Tender price in foreign currency: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
3. The Tenderer will be fully responsible for the safe arrival of the goods at the named port of entry in good condition as per terms of CIP as per INCOTERMS, if applicable
4. Custom duty @ 10.76% and 2% C& F charges will be added to the CIP price to arrive at the DDP price for evaluation purpose.

Indian Agent:

Indian Agency Commission - ___% of FOB

Signature of Tenderer _____

Place: _____

Date: _____

Name _____
Business Address _____
Signature of Tenderer _____
Seal of the Tenderer _____

C) PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

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

* After completion of Warranty period

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place: _____

Date: _____

Name _____
Business Address _____
Signature of Tenderer _____
Seal of the Tenderer _____

D) PRICE SCHEDULE FOR TURNKEY

Schedule No.	BRIEF TURNKEY DESCRIPTION OF GOODS	CONSIGNEE CODE	Turnkey price

Note: -

1. The cost of Turnkey as per Technical Specification (Section VII) may be quoted on lump sum along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
2. Cost of Turnkey will be added for Ranking/Evaluation purpose.
3. The payment of Turnkey will be made as per clause GCC clause 21.1 (c).
4. The stipulations in Technical Specification will supersede above provisions

Name _____

Business Address _____

Signature of Tenderer _____

Seal of the Tenderer _____

Place: _____

Date: _____

SECTION – XII
QUESTIONNAIRE

Fill up the Section XX – Check List for Tenderers and enclose with the Tender

1. The tenderer should furnish specific answers to all the questions/issues mentioned in the Checklist. In case a question/issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.
2. Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.
3. In case a tenderer furnishes a wrong or evasive answer against any of the question/issues mentioned in the Checklist, its tender will be liable to be ignored.

SECTION – XIII

BANK GUARANTEE FORM FOR EMD

Whereas _____ (hereinafter called the “Tenderer”) has submitted its quotation dated _____ for the supply of _____ (hereinafter called the “tender”) against the purchaser’s tender enquiry No. _____ Know all persons by these presents that we _____ of _____ (Hereinafter called the “Bank”) having our registered office at _____ are bound unto _____ (hereinafter called the “Purchaser) in the sum of _____ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20____. The conditions of this obligation are:

- 1) If the Tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- 2) If the Tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - fails or refuses to furnish the performance security for the due performance of the contract or
 - fails or refuses to accept/execute the contract or
 - if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

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

This guarantee will remain in force for a period of forty-five days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

.....
(Signature with date of the authorised officer of the Bank)

.....
Name and designation of the officer

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

SECTION – XIV

MANUFACTURER’S AUTHORISATION FORM

Head (P&CD),
HLL Lifecare Limited, Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh

Dear Sir,

Ref: Your TE document No _____ dated _____

We, _____ who are proven and reputable manufacturers of _____ (*name and description of the goods offered in the tender*) having factories at _____, hereby authorise Messrs _____ (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this tender for the following reason(s):

(*please provide reason here*).

We further confirm that no supplier or firm or individual other than Messrs. _____ (*name and address of the above agent*) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, CMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorised agent

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly”

Yours faithfully,

[*Signature with date, name and designation*]
for and on behalf of Messrs _____
[*Name & address of the manufacturers*]

*Note: 1. This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.
2. Original letter may be sent.*

SECTION – XV

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

Head (P&CD),
HLL Lifecare Limited, Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh

WHEREAS _____ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no _____ dated _____ to supply (description of goods and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

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

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

This guarantee shall be valid up to 30 (thirty) months from the date of Notification of Award i.e. up to ----- (indicate date)

.....
(Signature with date of the authorised officer of the Bank)

.....
Name and designation of the officer

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

SECTION – XVI

CONTRACT FORM - A

CONTRACT FORM FOR SUPPLY, INSTALLATION, COMMISSIONING, HANDING OVER, TRIAL RUN, TRAINING OF OPERATORS & WARRANTY OF GOODS

(Address of the Purchaser's/Consignee's office issuing the contract)

Contract No _____ dated _____

This is in continuation to this office's Notification of Award No _____ dated _____

1. Name & address of the Supplier: _____
2. Purchaser's TE document No _____ dated _____ and subsequent Amendment No _____, dated _____ (if any), issued by the purchaser
3. Supplier's Tender No _____ dated _____ and subsequent communication(s) No _____ dated _____ (if any), exchanged between the supplier and the purchaser in connection with this tender.
4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as integral part of this contract:

- (i) General Conditions of Contract;
- (ii) Special Conditions of Contract;
- (iii) List of Requirements;
- (iv) Technical Specifications;
- (v) Quality Control Requirements;
- (vi) Tender Form furnished by the supplier;
- (vii) Price Schedule(s) furnished by the supplier in its tender;
- (viii) Manufacturers' Authorisation Form (if applicable for this tender);
- (ix) Purchaser's Notification of Award

Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under clause 1 of Section II – 'General Instructions to Tenderers' of the Purchaser's TE document shall also apply to this contract.

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:
 - (i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

Schedule No.	Brief description of goods/services	Accounting unit	Quantity to be supplied	Unit Price	Total price	Terms of delivery

Any other additional services (if applicable) and cost thereof: _____

Total value (in figure) _____ (In words) _____

- (ii) Delivery schedule
- (iii) Details of Performance Security
- (iv) Quality Control
 - (a) Mode(s), stage(s) and place(s) of conducting inspections and tests.
 - (b) Designation and address of purchaser's inspecting officer
- (v) Destination and despatch instructions
- (vi) Consignee, including port consignee, if any

- 6. Warranty clause
- 7. Payment terms
- 8. Paying authority

(Signature, name and address
of the Purchaser's/Consignee's authorised official)
For and on behalf of _____

Received and accepted this contract

(Signature, name and address of the supplier's executive
duly authorised to sign on behalf of the supplier)

For and on behalf of _____

(Name and address of the supplier)

(Seal of the supplier)

Date: _____

Place: _____

CONTRACT FORM – B**CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT**

Annual CM Contract No. _____ dated _____
Between _____

(Address of Head of Hospital (AIIMS))
And _____

(Name & Address of the Supplier)

Ref: Contract No. _____ dated _____ (Contract No. & date of Contract for supply, installation, commissioning, handing over, Trial run, Training of operators & warranty of goods)

In continuation to the above referred contract

2. The Contract of Annual Comprehensive Maintenance is hereby concluded as under:

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

Total value (in figure) _____ (In words) _____

- b) The CMC commence from the date of expiry of all obligations under Warranty i.e. from _____ (date of expiry of Warranty) and will expire on _____ (date of expiry of CMC)
- c) The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, _____ & _____) and Turnkey (if any).
- d) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- e) During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- f) All software updates should be provided free of cost during CMC.
- g) The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. _____ [(fill amount) equivalent to 2.5 % of the cost of the equipment as per contract] shall be furnished in the prescribed format given in Section XV of the TE document, along with the signed copy of Annual CMC within a period of _____

21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser/Consignee.

- h) If there is any lapse in the performance of the CMC as per contract, the proceeds Annual CMC bank guarantee for an amount of Rs. _____ (equivalent to 2.5 % of the cost of the equipment as per contract) shall be payable to the Consignee.
- i) **Payment terms:** The payment of Annual CMC will be made against the bills raised to the consignee by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned. The payment will be made in Indian Rupees.
- j) **Paying authority:** _____ (name of the consignee i.e. Hospital (AIIMS) authorised official)

**(Signature, name and address
of Hospital (AIIMS) authorised official)**
For and on behalf of _____

Received and accepted this contract

(Signature, name and address of the supplier's executive
duly authorised to sign on behalf of the supplier)

For and on behalf of _____

(Name and address of the supplier)

(Seal of the supplier)

Date: _____

Place: _____

SECTION – XVII

CONSIGNEE RECEIPT CERTIFICATE

(To be given by consignee's authorized representative)

The following store(s) has/have been received in good condition:

- 1) Contract No. & date : _____
- 2) Supplier's Name : _____
- 3) Consignee's Name & Address with
telephone No. & Fax No. : _____
- 4) Name of the item supplied : _____
- 5) Quantity Supplied : _____
- 6) Date of Receipt by the Consignee : _____
- 7) Name and designation of Authorized
Representative of Consignee : _____
- 8) Signature of Authorized
Representative of Consignee with
date : _____
- 9) Seal of the Consignee : _____

SECTION – XVIII

Final Acceptance Certificate by the Consignee

No _____

Date _____

To

M/s _____

Subject: Certificate of commissioning of equipment/plant.

This is to certify that the equipment(s)/plant(s) as detailed below has/have been received in good conditions along with all the standard and special accessories and a set of spares (subject to remarks in Para no.02) in accordance with the contract/technical specifications. The same has been installed and commissioned.

- (a) Contract No _____ dated _____
- (b) Description of the equipment(s)/plants: _____
- (c) Equipment(s)/ plant(s) nos.: _____
- (d) Quantity: _____
- (e) Bill of Loading/Air Way Bill/Railway Receipt/ Goods Consignment Note no _____ dated _____
- (f) Name of the vessel/Transporters: _____
- (g) Name of the Consignee: _____
- (h) Date of commissioning and proving test: _____

Details of accessories/spares not yet supplied and recoveries to be made on that account.

Sl. No.	Description of Item	Quantity	Amount to be recovered

The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily ## or

The supplier has failed to fulfil its contractual obligations with regard to the following:

- a) He has not adhered to the time schedule specified in the contract in dispatching the documents/ drawings pursuant to ‘Technical Specifications’.
- b) He has not supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the period specified in the contract from date of intimation by the Purchaser/Consignee in respect

of the installation of the equipment(s)/plant(s).

- c) The supplier as specified in the contract has not done training of personnel.

The extent of delay for each of the activities to be performed by the supplier in terms of the contract is

The amount of recovery on account of non-supply of accessories and spares is given under Para no.02.

The amount of recovery on account of failure of the supplier to meet his contractual obligations is _____ (here indicate the amount).

(Signature)

(Name)

(Designation with stamp)

Explanatory notes for filling up the certificate:

- i) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.
- ii) He has supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).
- iii) Training of personnel has been done by the supplier as specified in the contract.
- iv) In the event of documents/drawings having not been supplied or installation and commissioning of the equipment(s)/plant(s) having been delayed on account of the supplier, extent of delay should always be mentioned in clear terms.

SECTION – XIX

ANNEXURES

Annexure 1

**DETAILS OF SHIPPING ARRANGEMENT FOR LINER CARGOES IN RESPECT OF
C & F/CIF/TURNKEY/F.O.R CONTRACTS FOR IMPORTS**

- 1. (a) SHIPMENT FROM PORTS OF U.K INCLUDING NORTHERN IRELAND (ALSO EIRE), FROM THE NORTH CONTINENT OF EUROPE (GERMANY, HOLLAND, BELGIUM, FRANCE, NORWAY, SWEDEN, DENMARK, FINLAND AND PORTS ON THE CONTINENTAL SEABOARD OF MEDITERRANIAN (I.E. FRENCH WESTERN ITALIAN PORTS), TO PORTS IN INDIA.**

The Seller should arrange shipment of the goods by vessels belonging to the member lines of the India-Pakistan-Bangladesh Conference. If the Seller finds that the space on the 'Conference Lines' vessels is not available for any specific shipment, he should take up with India-Pakistan-Bangladesh Conference. Conferity House, East Grinstead, Sussex (UK), for providing shipping space and also inform the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

The Seller should arrange shipment through the Government of India's Forwarding Agents, M/s Schenker & Co., 2000-Hamburg (Cable: SCHENKER CO., HAMBURG) OR obtain a certificate from them to the effect that shipment has been arranged in accordance with instructions of the Ministry of Surface Transport, (TRANSCART), New Delhi.

- (b) SHIPMENT FORM PORTS OF U.K. INCLUDING NORTHERN**

Goods under this contract would be shipped by the national shipping companies of the Contracting Parties operating bilateral shipping service and vessels under the flag of third countries in accordance with the Agreement between the Government of German Democratic Republic and the Government of the Republic of India in the Field of Merchant Shipping signed on 9.1.1979, as amended up-to-date.

- (c) ISHIPMENT FROM ADRIATIC PORTS OF EASTERN ITALY AND YUGOSLAVIA**

The seller should arrange shipment of the goods by vessels belonging to the following Indian member lines;

1. The Shipping Purchaser of India Ltd.
2. The Scindia Steam Navigation Co., Ltd
3. India Steamship Co., Ltd

For the purpose of ascertaining the availability of suitable Indian vessels and granting dispensation in the event of their non-availability, the Seller should give adequate notice about the readiness of each consignment from time to time at least six weeks in advance of the required position to M/s Schenker & Co. 2000 HAMBURG (Cable: SCHENKER CO., HAMBURG) and also endorse a copy thereof to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

The seller should arrange shipment through the Government of India's Forwarding Agents M/s Schenker & Co. 2000 HAMBURG (Cable: SCHENKER CO., HAMBURG) or obtain certificate from them to the effect that shipment has been arranged in accordance with the

instructions of the Ministry of Surface Transport, (TRANSCHART), New Delhi.

(d) SHIPMENT FROM POLAND & CZECHOSLOVAKIA

(i) IMPORTS FROM POLAND

Shipment under this contract would be made by the National flag lines of the two parties and vessels of the third flag conference lines, in accordance with the agreement between the Govt. of the Republic of India and the Govt. of the Polish People's Republic regarding Shipping Co-operation dated 27.6.1960 as amended up-to-date.

(ii) IMPORTS FROM CZECHOSLOVAKIA

Goods under this contract would be signed by the National flag lines of the two parties and vessels of the third flag conference lines, in accordance with the Agreement Co-operation in shipping between India and Czechoslovakia signed on 3.11.1978 and ratified on 19.12.1979, as amended up-to-date.

Shipping arrangement should be made by the Sellers in consultation with Resident Representative of the Indian Shipping Lines in Gdynia, Co., Morska Agencja W. Gdyniul, Pulaskiego 8, P.O. Box 246, Gdynia (Poland) – Telex : MG PL. 054301, Tel.: 207621, to whom details regarding contract number, nature of cargo , quantity, port of lading, discharging, name of Government consignee, expected date of readiness of each consignment etc. should be furnish at least six weeks in advance of the required position, with a copy thereof endorsed to the Shipping Co-ordination Officer, Ministry of Surface Transport, (Chartering Wing), New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(e) SHIPMENT FROM U.S.S.R

Shipment under this contract should be made in accordance with the agreement between the Government of the Republic of India and the Government of U.S.S.R on Merchant Shipping 1976, as amended up-to-date, by vessels of Indo-Soviet shipping Service.

(f) SHIPMENT FROM JAPAN

The shipment of goods should be made of India vessels to the maximum extent possible subject to the minimum of 50%.

The Seller should arrange shipment of the goods in consultation with the Embassy of India in Japan, Tokyo to whom details regarding contract number, nature of cargo, quantity, port of loading/discharge, name of Govt. consignee, expected date of readiness of each consignment etc. should be furnished at least six weeks in advance of the required position.

Note: The copies of such contracts are to be endorsed both to the Attached (commercial) embassy of India in Japan, Tokyo, and the shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi.

(g) SHIPMENT FROM AUSTRALIA, ALGERIA, BULGARIA, ROMANIA, EGYPT

The Seller shall arrange shipment of the goods by Indian flag vessels to the maximum extent possible subject to a minimum of 50 %. For the purpose of ascertaining the availability of suitable Indian vessels, the seller shall give adequate notice of not less than six weeks about the readiness of each consignment to the Shipping Purchaser of India Ltd., SHIPPING HOUSE, 245, Madame Cama Road, Bombay – 400 021 (CABLE: SHIPINDIA BOMBAY) and also endorse a copy thereof to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 –

61157, 61158, 61159)

(h) SHIPMENT FROM PAKISTAN

The shipment of cargoes should be made by Indian vessels to the maximum extent possible subject to a minimum of 50 %.

Shipment arrangement should be made by the sellers in consultation with M/s Mogul Line Ltd., 16-Bank Street, Fort, Bombay – 400023 (Cable: MOGUL BOMBAY: Telex: 011 – 4049 MOGUL), to whom, details regarding contract number, nature of cargo, quantity, port of lading discharging, name of government consignee, expected date of readiness of each consignment etc. should be furnish at least six weeks in advance of the required position, with a copy thereof endorsed to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(i) SHIPMENT FROM U.S ATLANTIC & GULF PORTS

The Seller should arrange shipment of the goods by vessels belonging to the member lines of the India – Pakistan – Bangladesh – Ceylon and Burma Outward Freight Conference. If the Seller finds that the space of the ‘Conference Lines’ vessels is not available for any specific shipment he should take up with India – Pakistan- Bangladesh – Ceylon and Burma Outward Freight Conference, 19, Rector Street, New York, N.Y. 10006 USA, for providing shipping space and also inform the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(j) SHIPMENT FROM ST. LAWRENCE AN EASTERN CANADIAN PORTS

The Seller should arrange shipment of the goods by vessels belonging to the following shipping lines;

1. The shipping Purchaser of India Ltd.
2. The Scindia Steam Navigation Co., Ltd

If the Seller finds that the space in the vessels of these Lines is not available for any particular consignments, he should inform the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159) immediately so that dispensation from the shipping lines concerned to use alternative lifting may be sought.

(k) SHIPMENT FROM WEST COAST PORTS OF U.S.S CANADA AND OTHER AREAS NOT SPECIFICALLY MENTIONED ABOVE

The Seller should arrange shipment of the goods by Indian vessels to the maximum extent possible subject to a minimum of 50%. For the purpose of ascertaining the availability of suitable Indian vessels and granting dispensation in the event of their non-availability, the Seller should furnish the details regarding contract number, nature of cargo, quantity, port of lading, discharging, name of government consignee, expected date of readiness of each consignment etc. to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159) at least six weeks in advance of the required position.

2. BILLS OF LADING

(i) C.I.F./C&F/TURNKEY SHIPMENTS

The Bills of lading should be drawn to indicate Shipper and 'Consignee' as under:

Shipper: The C.I.F (C&F)/TURNKEY SUPPLIERS concerned.

Consignee: As per consignee's particulars in the contract (The name and address of the 'Port Consignee' and 'Ultimate' both should be indicated).

(ii) F.O.R SHIPMENTS

The Bills of lading should be drawn to indicate shipper Consignee as under:

Shipper: The F.O.R suppliers Concerned

Consignee: Supplier's Indian Agent on order

Note:

1. Moreover the name of the 'Purchaser' and 'Ultimate' Consignee should appear in the body of the Bills of Lading as the 'Notify' or as a remark.
2. Two non-negotiable copies of the Bills of Lading indicating the freight amount and discount, if any allowed, should be forwarded to The Shipping Co-ordination Officer, Ministry of surface Transport (Chartering Wing), New Delhi after the shipment of each consignment is effected.
3. The seller should avoid the use of over-aged vessels for the shipment of the goods under the contract and if so used the cost of additional. Insurance, if any, shall be borne by the seller.

SECTION – XX

CHECKLIST

Name of Tenderer:

Name of Manufacturer:

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
1. a.	Have you enclosed EMD of required amount for the quoted schedules?			
b.	In case EMD is furnished in the form of Bank Guarantee, has it been furnished as per Section XIII?			
c.	In case Bank Guarantee is furnished, have you kept its validity of 165 days from Techno Commercial Tender Opening date as per clause 19 of GIT?			
2. a.	Have you enclosed duly filled Tender Form as per format in Section X?			
b.	Have you enclosed Power of Attorney in favour of the signatory?			
3.	Are you a SSI unit, if yes have you enclosed certificate of registration issued by Directorate of Industries/NSIC			
4. a.	Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications?			
b.	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
5. a.	Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all orders?			

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
b.	Have you submitted copy of the order(s) and end user certificate?			
6.	Have you submitted manufacturer's authorization as per Section XIV?			
7.	Have you submitted prices of goods, turnkey (if any), CMC etc. in the Price Schedule as per Section XI?			
8.	Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?			
9. a.	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?			
b.	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?			
10.	Have you intimated the name and full address of your Banker (s) along with your Account Number			
11.	Have you fully accepted payment terms as per TE document?			
12.	Have you fully accepted delivery period as per TE document?			
13.	Have you submitted the certificate of incorporation?			
14.	Have you accepted the warranty/CMC as per TE document?			
15.	Have you accepted terms and conditions of TE document?			
16.	Have you furnished documents establishing your eligibility & qualification criteria as per TE documents?			

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
17	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening?			

N.B.

1. All pages of the Tender should be page numbered and indexed.
2. The Tenderer may go through the checklist and ensure that all the documents/ confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
3. It is the responsibility of tendered to go through the TE document to ensure furnishing all required documents in addition to above, if any.

(Signature with date)

**(Full name, designation & address of the person duly authorised sign on behalf of the Tenderer)
For and on behalf of**

(Name, address and stamp of the tendering firm)

SECTION – XXI
CONSIGNEE LIST

**North Eastern Institute of Folk
Medicines, Pasighat,
Arunachal Pradesh**

NB: The consignee will ensure timely issue of NMIC, CDEC, Octroi Exemption Certificates & Entry Tax Exemption Certificates, wherever applicable, to the suppliers.