

TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF EQUIPMENT/FURNITURE

FOR AND BEHALF OF

**North Eastern Institute of Folk Medicine (NEIFM),
Pasighat, Arunachal Pradesh**

On behalf of

GOVT. OF INDIA

**MINISTRY OF HEALTH & FAMILY WELFARE
HLL/PCD/NEIFM-04/14-15**



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-04/14-15

Dated 21.11.2014

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 Schedules of Laboratory equipment, Medical equipment, Pharma equipment, Furniture, Electrical appliances etc. for NEIFM, Pasighat, Arunachal Pradesh :

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	Earnest Money Deposit (EMD)
1	1	AUTOCLAVE – TABLE TOP (25 Ltr.)	1	22,500
	2	REFRIGERATED CENTRIFUGE – Table top swing bucket	1	
	3	CENTRIFUGE - TABLE TOP	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
2	1	DEHUMIDIFIER	1	18,500
	2	LYOPHILIZER (Freeze Dryer)	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
3	1	HOT AIR OVEN (Table top)	1	39,000
	2	VACUUM OVEN	1	
	3	SHAKING WATER BATH	1	
	4	SONICATOR	1	
	5	MAGNETIC STIRRER	1	
	6	VORTEX MIXER	1	
	7	LAMINAR FLOW	1	
	8	DIGITAL BRIX METER	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
4	1	HEAVY DUTY BLENDER	1	33,000
	2	GRINDER / PULVERIZER (2 no.s)	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
5	1	MANUAL CAPSULE FILLING MACHINE	1	39,000
	2	FILTER PRESS	1	
	3	MECHANICAL SIFTER /SIEVE	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
6	1	DISSOLUTION APPARATUS – 6 stations	1	42,000
	2	DISINTEGRATION APPARATUS	1	
	3	FRIABILITY APPARATUS	1	
	4	DISTILLATION APPARATUS (Kjaldhal Apparatus)	1	
	5	PH METER	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
7	1	AUTOMATED URINE ANALYSER	1	39,000
	2	SEMI AUTOMATED BIOCHEMISTRY ANALYSER	1	
	3	ELISA READER & WASHER	1	
	4	MULTI CHANNEL PIPETTES- Variable Volume	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
8	1	ULTRASOUND SCANNER - B/W	1	23,000
	2	ECG MACHINE - 12 CHANNEL	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
9	1	500 mA HIGH FREQUENCY X-RAY UNIT	1	41,000
	2	X RAY FILM VIEWER(DOUBLE)	5	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
10	1	INVERTED PHASE CONTRAST MICROSCOPE	1	39,000
	2	DISSECTING MICROSCOPE	1	
	3	BINOCULAR MICROSCOPE	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
11	1	WATER PURIFICATION SYSTEM	1	8,000

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
12	1	SOXHLET APPARATUS	1	13,000
	2	PERCULATOR	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
13	1	DIGITAL POLARIMETER	1	22,000
	2	REFRACTOMETER	1	
	3	SPECTROPHOTOMETER	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
14	1	ELECTRONIC BALANCE (HIGH END ANALYTICAL) (200g / 0.1mg)	1	9,500
	2	PRECISION BALANCE	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
15	1	TLC SETUP WITH PLATES	1	5,000

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
16	1	MOBILE FOLDABLE SCREEN	8	6,500
	2	CLEAN LINEN TROLLEY	1	
	3	DRESSING TROLLEY	2	
	4	INSTRUMENT TROLLEY	2	
	5	MAYO TROLLEY	2	
	6	MEDICINE TROLLEY	8	
	7	MEDICINE CABINET	2	
	8	PROCEDURE COUCH	1	
	9	PATIENT STOOL	10	
	10	MUSEUM STORAGE RACK	4	
	11	FOOT STEP SINGLE	17	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
17	1	COFFEE TABLE	7	18,000
	2	COT WITH MATTRESS - DOUBLE	1	
	3	CUPBOARD WITH GLASS DOOR	1	
	4	DISPLAY RACK MAGAZINE	2	
	5	DRESSING TABLE	3	
	6	EXECUTIVE TABLE-HIGH QUALITY	1	
	7	EXECUTIVE CHAIR-HIGH QUALITY	3	
	8	FILING CABINET	2	
	9	FLOOR CLEANING TROLLEY	1	
	10	FOOD TROLLEY	2	
	11	GENERAL PURPOSE TABLE	2	
	12	JANITOR CABINET	1	
	13	LECTURE TABLE	1	
	14	PREMIUM DINING TABLE	4	
	15	PREMIUM DINING CHAIR	16	
	16	READING TABLE (2.5M x 1M)	4	
	17	RECEPTION COUNTER	1	
	18	VISITOR CHAIR-HIGH QUALITY	4	
	19	WAITING CHAIR 3 SEATER	5	
	20	FOLDING METAL BED	3	
	21	LUGGAGE RACK	3	
	22	FIRE & BURGLARY RESISTANT SAFE	1	

Schedule No.	Item No.	Name of Equipment	QTY (Nos.)	EMD
18	1	REFRIGERATOR - 400 L	2	32,000
	2	REFRIGERATOR - 175 L	4	
	3	CONFERENCE TABLE P-A SYSTEM (15 MIC)	1	
	4	TELEVISION - 42"LED	1	
	5	WATER COOLER	3	
	6	TELEVISION - 48"	1	
	7	TELEVISION -24"	1	
	8	Split AC:2 tons	6	
	9	Split AC:1.5 tons	9	

Important Note: The tenderers may quote for any one schedule , or more schedules. However, tenderer must quote all the items in the schedule(s) quoted by them. In case a tenderer does not quote for all the items covered in a schedule, tenderer's offer for such schedule(s) shall be ignored.

Tender No.: HLL/PCD/NEIFM-04/14-15

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	25.11.2014 to 16.12.2014 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	29.11.2014 , 1100 Hrs IST
v.	Pre Tender Meeting Venue	Same as 2 (ii)
vi.	Closing date & time for receipt of Tender	17.12.2014 , 1400 Hrs IST
vii.	Time and date of opening of Techno – Commercial tenders	17.12.2014 ,1430 Hrs IST
viii.	Venue of Opening of Techno Commercial Tender	Same as 2 (ii)

- 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.
- 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 The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para 3 above.
- 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.
- All prospective tenderers may attend the Pre Tender meeting. The venue, date and time indicated in the Para 2 above.
- 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.
- 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.
- 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 NEIFM, Department of AYUSH, 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, *inter alia*, 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	– Deleted
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 Letter. Such Manufacturer's Authorisation letter is required to be furnished by the tenderer **for specific items only** as listed in the "List of Requirement" at Section VI.
- v) Power of Attorney/ Authorisation Form in favour of signatory of TE documents 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. **The tenderers may quote for any one schedule , or more schedules. However, tenderer must quote all the items in the schedule(s) quoted by them. In case a tenderer dose not quote for all the items covered in a schedule, tenderer's offer for such schedule(s) shall be ignored**

Tenderers quoting for more than 1 (one)schedule , the prices for the quoted schedule(s) must 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. Deleted.
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 warrant 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 shall quote the price only in Indian Rupees.
- 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 price of each and every item covered in the quoted schedule(s) in the Price Schedule provided under Section XI, along with all the specified components of prices shown therein including the unit prices and total tender prices of the goods and associated services, if any, 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. Tenderer may note that the price evaluation shall be made only on total price of each schedule.
- 13.2 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 Deleted13.4 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 (for 500mA X-Ray unit), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- f) the price of annual CMC (wherever required as specified in the List of Requirements, Technical Specification and Price Schedule)

13.4.2 Deleted

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 Delete

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. **Such Manufacturer's Authorisation letter is required to be submitted by the tenderer only for specific items identified in the in List of Requirement.**
 - 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) Deleted.

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{covering all the items in quoted schedule(s)} 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 . 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 , 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 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

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) Tender Form as per Section-X(signed and stamped) not enclosed
 - (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.

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..

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 free delivery at the consignee's end i.e. freight and all other levies pre paid up to the destination at the consignee end basis. The quoted turnkey prices(for 500mA X-RayUnit) and CMC prices(wherever required as specified in the List of Requirement) will also be added for comparison/ ranking purpose for evaluation.

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
- 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, interalia, 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.

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	26
B	8 to 10	TE documents	No Change	26
C	11 to 21	Preparation of Tenders	No Change	26
D	22 to 24	Submission of Tenders	No Change	26
E	25	Tender Opening	No Change	26
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change	26
G	38 to 45	Award of Contract	No Change	26

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. It shall be in any one of the forms namely Account Payee Demand Draft 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 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 (wherever applicable as specified in the List of Requirement) 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-dispatch 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 Deleted
- 8.9 Supplier shall offer all the items covered in a specific schedule, for pre-dispatch inspection, at one location (works/warehouse/office etc.). Supplier shall advice such location to the purchaser to enable them carryout pre-dispatch inspection.

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 List of Requirement. Please note that the time shall be the essence of the contract.

10. Transportation of Goods

- 10.1 Deleted
- 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.

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) Deleted

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 48 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 total warranty period 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 48 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 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 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.

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.

C) Payment of Turnkey(applicable for 500mA X-Ray unit only):

Turnkey payment will be made as indicated in the relevant Price Schedule and shall not be subject to any escalation, whatsoever.

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 Deleted
- 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) 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 receipted 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, interalia 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 interalia, 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/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/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/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/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.
- 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.

SECTION - VI

LIST OF REQUIREMENTS

Part I

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

Sl. No.	Item No.	Name of Equipment	QTY (Nos.)	Manufacturer's Authorisation	Warranty (Years)	CMC(Years) (after expiry of Warranty)	EMD (Rs.)
1	1	AUTOCLAVE – TABLE TOP (25 Ltr.)	1	Required	2	3	22,500
	2	REFRIGERATED CENTRIFUGE – Table top swing bucket	1	Required	2	3	
	3	CENTRIFUGE - TABLE TOP	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
2	1	DEHUMIDIFIER	1	Required	2	3	18,500
	2	LYOPHILIZER (Freeze Dryer)	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
3	1	HOT AIR OVEN (Table top)	1	Required	2	3	39,000
	2	VACUUM OVEN	1	Required	2	3	
	3	SHAKING WATER BATH	1	Required	2	3	
	4	SONICATOR	1	Required	2	3	
	5	MAGNETIC STIRRER	1		2		
	6	VORTEX MIXER	1		2		
	7	LAMINAR FLOW	1	Required	2	3	
	8	DIGITAL BRIX METER	1		2		
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
4	1	HEAVY DUTY BLENDER	1	Required	2	3	33,000
	2	GRINDER / PULVERIZER (2 no.s)	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
5	1	MANUAL CAPSULE FILLING MACHINE	1	Required	2	3	39,000
	2	FILTER PRESS	1	Required	2	3	
	3	MECHANICAL SIFTER /SIEVE	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
6	1	DISSOLUTION APPARATUS – 6 stations	1	Required	2	3	42,000
	2	DISINTEGRATION APPARATUS	1	Required	2	3	
	3	FRIABILITY APPARATUS	1	Required	2	3	
	4	DISTILLATION APPARATUS (Kjaldhal Apparatus)	1	Required	2	3	
	5	PH METER	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
7	1	AUTOMATED URINE ANALYSER	1	Required	2	3	39,000
	2	SEMI AUTOMATED BIOCHEMISTRY	1	Required	2	3	

		ANALYSER					
	3	ELISA READER & WASHER	1	Required	2	3	
	4	MULTI CHANNEL PIPETTES- Variable Volume	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
8	1	ULTRASOUND SCANNER - B/W	1	Required	2	3	23,000
	2	ECG MACHINE - 12 CHANNEL	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
9	1	500 mA HIGH FREQUENCY X-RAY UNIT	1	Required	3	3	41,000
	2	X RAY FILM VIEWER(DOUBLE)	5		1		
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
10	1	INVERTED PHASE CONTRAST MICROSCOPE	1	Required	2	3	39,000
	2	DISSECTING MICROSCOPE	1	Required	2	3	
	3	BINOCULAR MICROSCOPE	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
11	1	WATER PURIFICATION SYSTEM	1	Required	2	3	8,000
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
12	1	SOXHLET APPARATUS	1	Required	2	3	13,000
	2	PERCULATOR	1		1		
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
13	1	DIGITAL POLARIMETER	1	Required	2	3	22,000
	2	REFRACTOMETER	1	Required	2	3	
	3	SPECTROPHOTOMETER	1	Required	2	3	
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
14	1	ELECTRONIC BALANCE (HIGH END ANALYTICAL) (200g / 0.1mg)	1	Required	2	3	9,500
	2	PRECISION BALANCE	1		2		
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
15	1	TLC SETUP WITH PLATES	1	Required	2	3	5,000
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
16	1	MOBILE FOLDABLE SCREEN	8		1		6,500
	2	CLEAN LINEN TROLLEY	1		1		
	3	DRESSING TROLLEY	2		1		
	4	INSTRUMENT TROLLEY	2		1		
	5	MAYO TROLLEY	2		1		
	6	MEDICINE TROLLEY	8		1		
	7	MEDICINE CABINET	2		1		
	8	PROCEDURE COUCH	1		1		
	9	PATIENT STOOL	10		1		
	10	MUSEUM STORAGE RACK	4		1		
	11	FOOT STEP SINGLE	17		1		

Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
17	1	COFFEE TABLE	7		1		18,000
	2	COT WITH MATTRESS - DOUBLE	1		1		
	3	CUPBOARD WITH GLASS DOOR	1		1		
	4	DISPLAY RACK MAGAZINE	2		1		
	5	DRESSING TABLE	3		1		
	6	EXECUTIVE TABLE-HIGH QUALITY	1		1		
	7	EXECUTIVE CHAIR-HIGH QUALITY	3		1		
	8	FILING CABINET	2		1		
	9	FLOOR CLEANING TROLLEY	1		1		
	10	FOOD TROLLEY	2		1		
	11	GENERAL PURPOSE TABLE	2		1		
	12	JANITOR CABINET	1		1		
	13	LECTURE TABLE	1		1		
	14	PREMIUM DINING TABLE	4		1		
	15	PREMIUM DINING CHAIR	16		1		
	16	READING TABLE (2.5M x 1M)	4		1		
	17	RECEPTION COUNTER	1		1		
	18	VISITOR CHAIR-HIGH QUALITY	4		1		
	19	WAITING CHAIR 3 SEATER	5		1		
	20	FOLDING METAL BED	3		1		
	21	LUGGAGE RACK	3		1		
	22	FIRE & BURGLARY RESISTANT SAFE	1		1		
Sl. No.	Item No.	Name of Equipment	QTY (Nos.)				EMD
18	1	REFRIGERATOR - 400 L	2		2		32,000
	2	REFRIGERATOR - 175 L	4		2		
	3	CONFERENCE TABLE P-A SYSTEM (15 MIC)	1		2		
	4	TELEVISION - 42"LED	1		2		
	5	WATER COOLER	3		2		
	6	TELEVISION - 48"	1		2		
	7	TELEVISION -24"	1		2		
	8	2 tons Split AC	6		2		
	9	1.5 tons Split AC	9		2		

Part II: Required Delivery Schedule:

45 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. For furniture items at schedule no.16 and 17, installation and commissioning mean assembly of furniture elements /parts, wherever required, at site.

Part III: Scope of Incidental Services:

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

Part IV:

Turnkey (for 500mA X-Ray unit) as per details in Technical Specification.

Part V:

Warranty period as specified in Part I above.

Comprehensive Maintenance Contract (CMC) as specified in part I above.

Part VI:

Required Terms of Delivery and Destination.

Free delivery at Consignee Site i.e. freight and all other levies pre paid up to destination at ConsigneeSite at NEIFM, Pasighat, Arunachal Pradesh

SECTION – VII

TECHNICAL SPECIFICATIONS

Schedule-1

Item no.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.

Item no.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. Power 220-240 V, 50/60Hz
- h. ISO 9001 ISO 13485 marked or equivalent marked
- i. Brushless induction motor

- j. Electronic imbalance direction
- k. 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 USFDA or European 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.

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"

Item no.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 USFDA or European CE 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-2

Item no.1

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.

Item no.2

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 above ambient
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-3

Item no.1

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.

Item no.2

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

Item no.3

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: **37°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 $\pm 0.2^{\circ}\text{C}$.
8. Temperature uniformity in the bath should be $\pm 0.05^{\circ}\text{C}$.
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. Equipment should be CE or ISI certified.
16. It should be manufactured in a ISO certified facility.
17. 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.

Item no.4

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.

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.

Item no.5

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.

Item no.6

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

Item no.7

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 2 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.

Item no.8

Digital Brix Meter

- 1 Refractive Index 1.32 – 1.70

- Sugar (°Brix) 0-100 Resolution
- 2 Refractive Index 0.00001
Sugar (°Brix) 0.01Accuracy
- 3 Refractive Index ± 0.00002
Sugar (°Brix) ± 0.02
- 4 Presser Type Polyacetal
- 5 Temperature Compensation
- 6 Sucrose (°Brix) 5 – 80 °C
- 7 AG Fluids Simple coefficient (units/°C)
- 8 Light source : LED

Schedule-4

Item no.1

HEAVY DUTY BLENDER

Machine suitable for the effective & uniformed 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 3.mm 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 s per cGMP requirements.

Item no.2

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-5

Item no.1

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

Item no.2

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.

Item no.3

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-6

Item no.1

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.

Item no.2

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 $\pm 0.5^\circ \text{C}$
- 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)

Item no.3

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 10° to 50° C

Item no.4

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.

Item no.5

pHMETER

- 1 Description of function: will be able to measure precisely the Ph of any solution.
- 2 Operational requirement: combined electrode with digital display of Ph.
- 3 Technical specification:
Ph: (1) range: 1-14, (2) Resolution: 0.1, (3) accuracy: \pm , (4) calibration: at least 2 point.
ORD: (1) RANGE: \pm 199 mv (2) Resolution: 0.1 mv / 1 mv
Temperature: (1) range: 0-100° C, (2) Resolution: 1° C (3) Accuracy: \pm 1° C (4) calibration: off set range \pm 1° C
- 4 System Configuration Accessories, spares and consumables
- 4 Should be supplied with two level standard Ph solution / Ph tablets.
- 5 Environmental factors
- 5 Shall meet (BIS) General Requirements of Safety for Electromagnetic Compatibility.
or comply with 89/366/EEC; EMC-directive.
- 5 The unit shall be capable of being stored continuously in ambient temperature of 0-5deg C and relative humidity of 15-90%
The unit shall be capable of operating in ambient temperature of 20-40 deg C and relative humidity less than 70%
- 6 Power Supply
- 6 Power input to be 220-240VAC, 50Hz fitted with Indian plug
- 7 Standards, Safety and Training
- 7 Should be FDA or CE or BIS approved product
- 7 Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
- 7 Manufacturer / Supplier should have ISO certification for quality standards.

Schedule-7

Item no.1

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

Item no.2

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) This 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.

Item no.3

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 ELISA 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

Item no.4

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-8

Item no.1

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

Item no.2

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-9

Item no.1

500 mA HIGH FREQUENCY X-RAY UNIT

The unit should be completely integrated system with X-Ray Table, 3-D column, Generator and Tube. 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 20KW for small focus and at least 50KW for large focus with anode heat storage capacity of 200 KHU or more.
- f) Multi-leaf Collimator should have halogen light with auto shut off and digital display.
- g) Motorized collimator having (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 tilt able Manual Vertical Bucky with locking facility (-) 15 degree to (+) 90 degree.
- e) 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
- 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., The installation of X- Ray machine like suitable AC, suitable flooring, cabling. earthing etc. Should be done by the vendor. The Turnkey should be as per AERB guidelines.

Item no.2

X RAY FILM VIEWER(DOUBLE)

- 1.1 3 Panel Side by Side X-Ray View Box Illuminators; High quality with aesthetic finish.
- 1.2 Should have the following Standard Features:
- 1.3 1 foot fluorescent tube per pannel
- 1.4 Roller gravity film holding system
- 1.5 Durable steel construction
- 1.6 Thin 3" profile
- 1.7 Chip resistant hospital white finish
- 1.8 Continuous bottom film ledge
- 1.9 Even view reflective system, with white acrylic translucent surface.
- 1.10 Centralized cluster On/Off switching
- 1.11 Optional Features:
- 1.12 FAS - Film Activated Switching
- 1.13 MS - Master Switch
- 1.14 Hospital Grade Plug Specs: Surface Wall Mount 4 Panel Side by Side 56" x 17" Viewing Area
- 1.15 Overall Dimensions approx: 56" (L) 21" (H) 3 3/8" (D) (approx.)
- 1.16 Illumination: 2000 cd/m2
- 1.17 It should be aesthetic and high quality
- 1.18 Power input to be 220-240VAC, 50Hz

Schedule-10

Item no.1

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 LED, with lamp life of at least 2000hrs
 14. Compatible high resolution camera (Minimum 5 mega pixel and colour depth of 12 bits with 2/3" high density CCD chip networking of or better) capable of handling bright field, 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.

Item no.2

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 100W or more 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

Item no.3

BINOCULAR MICROSCOPE

MICROSCOPE, OIL IMMERSION

- 1 Should be identical for Physiology labs with high quality optics, having 4 objectives- low, high, oil immersion and scanner lenses, Halogen /Tungsten/LED light source.
- 2 Optical System
Infinity corrected optics par focal, plan achromatic lenses with anti fungal properties.
- 3 Illumination:
Built in transmitted Koehler illumination.
6 V, 20 to 30 W Halogen /Tungsten OR equivalent LED light source.
Power supply: 220-240V 50Hz
- 4 Focusing:
Stage height movement by roller guide (rack & pinion)
Upper limit stopper
Tension adjustable on coarse focus adjustment knob
Revolving nosepiece Quadruple/Quintuple
- 5 Observation tube:
Tube inclination – 30° / 45°
Inter-pupillary distance adjustment range – minimum 50 to 70 mm
Stage Movement range – (75+/-5) mm X - direction X (50+/-5) mm Y - direction
Rectangular scratch resistant stage with right hand control with double slide holder and vernier scale on X Y axis.
Condenser
·Type – Abbe condenser
·N.A. ≥ 1.25
·Aperture iris diaphragm - built – in
Objectives - Plan Achromat 4x, 10x, 20x, 40x & 100x (oil)
·Eyepiece :10X with F.N 18 / 20
All the necessary adapters and power cords should be provided for functioning of microscope.
Accessories:
 - o Eyepiece with pointers
 - o Eyepiece with millimeter scale gridThe product should be CE or FDA or BIS Certified

Schedule-11

Item no.1

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 \pm 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-12

Item no.1

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.

Item no.2

Percolator

- 1 SS 304 Percolator for herbal extraction
- 2 Conical container with tight lid
- 3 Percolator mounted on pedestal stand with tilting facility.
- 4 Outlet valve
- 5 One mesh inside percolator for primary filtration
- 6 capacity of percolators 50 L

Schedule-13

Item no.1

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 ° Arc, +/- 230 ° Z (ISS) Selectable
4. Accuracy: +/- 0.01 ° for < 20 , +/- 0.05% for 20 ° > 40 ° in ° Arc mode
5. Readout Resolution: 4 digits or better.
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

Item no.2

Refractometer

- 1 Should have LCD Display with touch screen facility.
- 2 Should have indications for Refractive Index (nD), Brix (%), Temp (degree C),
- 3 Programmable User Scale.
- 4 Light source : LED Lamp.
- 5 Measurement Range :
- 5.a Refractive index (nD) from 1.32422 to 170000, Brix 0.00 to 100.00%.
- 6 Minimum Indication:
- 6.a Refractive Index (nD)0.00001(0.0001), Brix 0.01%(0.1%), Temp0.01 Deg C
- 7 Measurement Accuracy:
- 7.a Refractive Index (nD) $\pm 0.0001^*$, $\pm 0.00005^*$, Brix $\pm 0.1\%$, $\pm 0.02\%$.
- 8 Measurement Temperature: 5.00 to 75.00 Deg C
- 9 Temperature accuracy : ± 0.05 Deg C
- 10 Ambient Temperature : 5 to 40 degree C.
- 11 Temperature controller : Built-in Peltier Thermo- module.
- 12 Output: Printer and PC(RS-232 port), Computer-USB.
- 13 Printer: Dot matrix printer (ordinary Paper): 1No.)
- 14 Self-Diagnosis Scale: The instrument can detect irregularities with intensity of light, which can ensure accurate measurement.

Item no.3

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. Volume 1.5/2ml
12. Should have built in analysis software and interfaced to a dedicated Computer and laser printer
13. 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
14. Printer: Colour laser printer
15. Suitable UPS with 30 minutes backup.
16. Power supply 220-240 V+/- 10%
17. Facility for Both Kinetic and End Point assay of Sample volume of minimum 0.5 ml with temperature control.
18. Adapter for holding micro cuvettes.
19. Should be FDA or CE or BIS approved product.

Schedule-14

Item no.1

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.) 60gm
- 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.

Item no.2

PRECISION BALANCE

- 1 Self calibration
- 2 Capacity: 0.01/0.1mg-80/220gm
- 3 Pan size: 80 mm

- 4 Linearity : ± 0.2 mg
- 5 Repeatability standard deviation: ≥ 0.1 mg
- 6 Response time : 12/3 sec
- 7 Sensitivity against temperature change
- 8 Specific gravity measurement software
- 9 % display function Unit conversion
- 10 UKAS/NIST/CE : Calibration Certificate

Schedule-15

Item no.1

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 3000 steps/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-16

Item no.1

MOBILE FOLDABLE SCREEN

1. Bedside Screen - Stainless Steel - 3 folds
2. Size : 170H x 220 W cms. Approx.
3. Frame work made of Tubular; Pre-treated and epoxy powder coated pipe.
4. To be supplied with spring wire and washable curtains.
5. Folds Flat for Storage when not in use.
6. Multiple Leg Supports for Stability.



Item no.2

CLEAN LINEN TROLLEY

1. Overall size: 910mm H x 510mm dia. SS tubular framework fitted with three swivel castors of 100mm dia.
2. Framework made of 25.4mm dia x 18G verticals, upper ring made of 19mm dia x 18G tube and support stays of 19 mm dia. X 18G stainless steel tubes. . All SS components should be of 304 quality.
3. Should be supplied with canvas bag.



Item no.3

DRESSING TROLLEY

1. Overall Size: 1010 mm L x 510 mm W x 900mm H welded stainless steel tubular frame work.
2. Verticals of also 31.7mm OD x 18 G tube horizontal stays of 19 mm OD x 18 G tube on all four sides to support two stainless steel shelves 22 G over with 10 mm dia stainless steel railings are provided on all four sides.
3. The trolley holds stainless steel bucket with STAINLESS STEEL lid at lower level and S.S. bowl at top level respectively. .
4. Only 304 grade stainless steel should be used for tubular frame work & STAINLESS STEEL shelves of trolley.
5. The trolley should be in buff finish with 100 mm dia non –rusting swivel castors wheels two with brakes, two without brakes.



Item no.4

INSTRUMENT TROLLEY

1. Overall size: Size: 680mm L x 450mm W x 900mm H.
2. Stainless steel tubular frame work made of 25.4mm OD x 18 G verticals mounted on 100 mm dia non-rusting swivelling castor wheels two with brakes, two without brakes.
3. Two stainless steel shelves with protective railings on three sides.
4. Stainless steel of 304-grade should be used for trolley frame work and shelves.



Item no.5

MAYO TROLLEY

1. Four swivel casters with optional tilt top
2. Adjustable height
3. Chrome plated steel column
4. Base. 15" x 30" laminate top.



Item no. 6

MEDICINE TROLLEY

1. Two sided Trolley designed to supply medicines. (Front & back same)
2. Size: 850 × 520 × 1045 mm.
3. 3 Rows of drawers : 2 drawers per row each of 400mm width.
4. Equipped with Waste bin, needle disposable container, file cassette & guard rails on top to keep bottles.
5. Four swivel noiseless castor with brakes.



Item no. 7

MEDICINE CABINET

1. Made of 304 Stainless Steel

2. Free Standing Operating Room Cabinet
3. Double Glass Doors w/ lock
4. Five Shelves
5. 100 cm L x 40 cm W x 175 cm H



Item no.8

PROCEDURE COUCH

- 1 Powder coated frame
- 2 Vinyl upholstery
- 3 Flat packed for self assembly
- 4 Adjustable headrest: 600mm L x 600mm W
Overall dimensions: 1850mmL x 600mmW x
- 5 780mmH
- 6 Safe working load 150 kg

Item no. 9
PATIENT STOOL

SS STOOL WITH ROUND TOP



Stainless Steel body Four Legged base made up of 25 mm Steel tube mounted on rubber shoes.
Diameter of top: 300mm.
Height Adjustment: 450 - 650 mm. Height adjusted through Threaded Screws.

Item no. 10
MUSEUM STORAGE RACK



1. Size: 914 mm (W) x 320 mm (D) Height for 1742mm
2. Construction & Material § Rigid Knock down construction. Prime Quality CRCA Steel - Panels & Frame from 0.8 mm thick
3. Configuration (Doors) 4 Door
4. Door Features / Locking Each Door has 6 Lever Cam lock with common key. Each Door has 3 mm Thk transparent glass for clear inside vision secured in a Metal Frame through rubber gasket. Each door has a Scissor mechanism for receding inside the top

of respective compartment & ensures parallel & smooth movement. Each door has Plastic side end caps as Handle which is easy to grip

5. Shelves Each compartment has a storage shelf Uniformly Distributed Load Capacity per each shelf is 80 Kg maximum.

6. Top Panel 4 Door has Metal Top

7. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).

Item no. 11

Foot step single

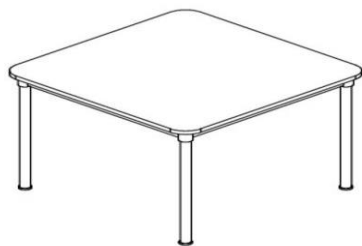
1. Tubular MS steel frame work mounted on rubber shoes.
2. Single step with rubber mat surrounded by aluminum angle.
3. Finish in epoxy powder coated.



Schedule-17

Item no. 1

COFFEE TABLE



Elements

Specifications

Worktop	:	25 mm Thick PLB Tops with 2mm Thick PVC Edge Bending
C – Frames	:	1.6 mm thick M.S C Frame Supporting the Top.
Legs	:	Dia. 38.1 x 1.6 mm thick M.S ERW tube.
Dimensions		
Table top	:	900 mm W x 900mm D x 740mm H

Item no.2

COT WITH MATTRESS – DOUBLE



The Double Cot Bed of dimensions 6'3" X 6'3" approximately.

The specifications are as follows :

Bed surface Dimension Width – 1900mm, Length – 1900mm, Height – 450mm

Bed structure consists of metal frames made of Powder coated MS rectangular pipe 1.5mm thickness of 75mm X 50mm

Height of head end from floor 800mm, , Foot end height from floor 550mm made of 35mm board, laminated with 1.5mm thickness total edge binding with hot glued beading of matching colour. Bed fitted with polypropylene grommets. Bed made of 12mm ply wood screwed on frame reinforcement on 2 sections of rectangular pipe 16 SWG 25mm X 25mm by welding.

Bed should be supplied with matching jute mattress to fit on above bed quilted with high density foam covered with cloth. Mattress should be at least 80mm thick.

Item no.3

CUPBOARD WITH GLASS DOOR



1. Product Size: 915 mm (W) x 486mm (D) x 1981* mm (H)Height
2. Construction & Material § Welded construction. 0.8 mm thk CRCA for Shelf & 0.9 mm thk CRCA for all other components.
3. Door Glasses fitted to full height steel frame.
4. Locking 2 way locking mechanism with shooting bolt.
5. Handle : Chrome plated brass handle
6. Shelving: Height wise Adjustable Shelves 4 Nos. Uniformly Distributed Load Capacity per full shelf is 80 Kg maximum
7. Leveler M10 Screw type leveler with hex plastic base. (Add 10mm to unit height and additional 10mm for adjustment.)
8. Finish Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).

Item no.4

DISPLAY RACK MAGAZINE



1. Size: • 900 mm (W) x 450 mm (D) x 1830 mm (H)
2. Construction & Material § Rigid Knock down construction. Prime Quality CRCA Steel - Panels from 0.6 mm thick & Front frame 0.8 mm thick.
3. Configuration (Racks) 5 Level Racks
4. Display Tray Suitable for Fullscape size magazines, periodicals. Aesthetically appealing Metal tray at an angle for easy viewing Receding facility to access the storage behind. Sliding on plastic rollers.
5. Behind Storage Shelving. Each of 5 level has a behind storage shelf
6. Leveler: Screw type leveler with hex plastic base (add in unit height min.8 mm & additional 5 mm max for adjustment)
7. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).

Item no.5

DRESSING TABLE



Vanity Makeup Table with Mirror 4 feet x 2 feet and matching upholstered Chair.
Three drawers with brass knobs/ handles.
All sides to be finished with pre-laminated sheet.

Item no. 6

EXECUTIVE TABLE SET – HIGH QUALITY



ELEMENTS	SPECIFICATIONS
Desk & ERU	Made from 25mm MDF and clad with laminate (Desk : ERU & Back unit tops are post formed). Joining table and coated with pigmented polyurethane and SS Leg pipe.
Pedestal	Desk = Mobile pedestal with box drawers moulded on roller slides and filing drawer mounted on telescopic ball slide.
	ERU = Pedestal is fixed to the underside of this ERU top using MS tubular props.
	Pedestal contains 3 box drawers mounted as roller slides.
Book Case	Made from a combination of Glass Doors and processed wood clad with laminate.
	Has adjustability in shelf position at different levels.
	Lockable hinged door provided on lower side of book case unit.
Credenza	24" x 72" x 29" high – 4 door
	Two adjustable & removable shelves
	Black HPL interior
	Cabinet is finished on all sides
	Four door lengths with height adjustable shelves on the interior.
	Cam Locks for credenza doors. 90 degree cam turn, key removable in locked on unlocked position. Two keys to be provided

Item no.7

EXECUTIVE CHAIR- HIGH QUALITY



- 1) SEAT/BACK ASSEMBLY: The seat is made up of 1.2cm. thick hot-pressed plywood, upholstered with pure leather (Black) at body contact areas and polyurethane foam. The back is made up of Dia 10mm M.S tubular frame, upholstered with pure leather (Black) at body contact areas.
- 2) POLYURETHANE FOAM: The polyurethane foam for the seat is of density = 32 ± 2 kg/cu.m and for the back is of density = 24 ± 2 kg/cu.m.
- 3) ARMRESTS (ADJUSTABLE): The armrest top is soft touch upholstered with pure leather mounted on a non injection moulded height adjustable type armrest.
- 4) SYNCHRO MECHANISM: The mechanism is designed with the following features: 360 degree revolving type. Single point control. Tilt tension adjustment. 5-position locking with anti-shock feature
- 5) CONNECTING SPINE BRACKET: Spine bracket is made of M.S. plate connecting the back with mechanism.

Item no.8

FILLING CABINET



1. Models & Product Size 4 Drawer: Width: 470mm Height: 1320mm Depth: 620mm
2. Construction: Rigid Knock Down Construction
3. Material: CRCA 1 mm Thick (Top, Side & Drawer Front); 0.6 mm Thick (Frames, Drawer- Inside Cover, Side Back Side) 0.5mm Thick (Back, Bottom, Drawer Bottom)
4. Drawer front: Easy to grip Full length Handle recess integrated into Metal Drawer fronts
5. Label Holder Snap on type plastic label holder on Drawer Fronts
6. Locking & anti-tipping arrangement Centralized locking with 10 lever Cam Lock & having anti-tipping arrangement to ensure that when one drawer is opened for use, it does not allow other drawers to be opened.
7. Triangular Plate Plain Triangular plate pop riveted at the bottom corners for rigidity.
8. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).
9. Supplied with self hanging file folders easily moveable on the rails full capacity with labels.

Item no.9

FLOOR CLEANING TROLLEY



Single Bucket Mop wringer Trolley 25 ltrs capacity,
Very Strong, Entirely Modular Structure Co-Polypropylene
Charged Can Stand Strong Pressure, Down Press Wringer,
Polyester Bag, One Tool Basket.

Item no.10

FOOD TROLLEY



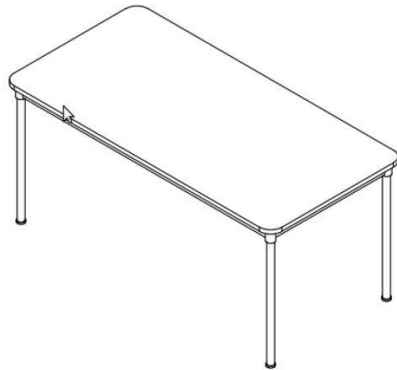
(Electric Bain marie trolley)

S.S Sheet 16swg insulated body, mounted on 4 castors (2 with brakes) top to have cut out for 3 nos for keeping the food carrier.

Three side covered with 20swg S.S sheet with S.S Pipe 16 swg push handle
Electrically operated and thermostatically controlled Indicators and On/Off switch
Heavy duty castor wheels with powder coated brackets. Two wheels should be with brakes.
Bottom 2 shelves of SS sheet 16 swg
Should have provision for 3 Nos SS pans with Lids on top of the trolley.

Item no.11

GENERAL PURPOSE TABLE



Elements	Specifications
Worktop	25 mm Thick PLB Tops with 2mm Thick PVC Edge Beading
C – Frames	1.6 mm thick M.S C Frame Supporting the Top.
Legs Dia.	38 x 1.6 mm thick M.S ERW tube.
Dimensions	
Table top	1500 mm W x 900mm D
Table height	740mm H

Item no.12

JANITOR CABINET



Double Door with lock and key.
Assembly-Welded
Material-Stainless steel
Finish-powder coated
Number of shelf- 3 main shelves plus side shelf
WIDTH INCHES 30-35
DEPTH INCHES 14 -16
HEIGHT INCHES 64 -66

Item no.13

LECTURE HALL TABLE



Element	Specification
Veneered Top	48mm thick veneered top*coated with melamine (Satin finesh, 9mm thick seasoned wood beading on edges) *48mm top=4mm veneer+25mm top plain particle board(PPB)+18mm Baton(PPB)+backing decorated laminated(BDL)
Legs	MS ERW round tube of dia 50.8x1.6mm thick
Modesty & Side Panels	Perforated MS sheet of 0.9mm thick.
Veneered Top	48mm thick veneered top*coated with melamine (Satin finesh, 9mm thick seasoned wood beading on edges) *48mm top=4mm veneer+25mm top plain particle board(PPB)+18mm Baton(PPB)+backing decorated laminated(BDL)
Pedestal	Shell: 0.8mm thick, Drawer Tray: 0.6mm thick ,Drawer Fronts: 0.8mm thick
	Slides : Double extension ball slides
Glass Door Unit	Body:0.8mm thick MS, Glass: 6.0mm thick clear glass
Size	W – 2060 X Ht -750 X D - 880
	-The drawer unit shall be welded assembled with 0.6mm thick CRCA steel for body shell, 1.3 mm thick CRCA top and bottom stiffeners and 0.8mm thick CRCA rear side stiffeners. Drawers shall be provided with double extension precision ball slide with 10 lever Cam lock and centre locking arrangement, finished with epoxy polyester powder coat of thickness of 50 microns

Item no.14

PREMIUM DINING TABLE - 4 SEATER



Overall Size including top cornice :

Width 1500mm

Depth -750 mm

Height - 760 mm

Material : temper glass thickness:10MM

Coating: powder in silver abrasion resistance: 100kgs

Hardware : iron tube

Steel coating : powder

Temper glass Construction : Knock Down construction

Finish :. Foot color is powder and Temper glass color is white

Item no.15

PREMIUM DINING CHAIR



Size : W – 500mm, Ht – 810mm, Depth- 500mm

CHAIR FRAME MATERIAL : (gauge +/- 0.1mm)

MS Drawn tubulas structure

BACK MATERIAL :

SS 302 of 5 strips Seat with M6 insert with screw

CUSHION MATERIAL : (DENSITY / TYPE)

Foam : 28 density, thickness 32 mm

Plywood : 8 MM

PVC : white color Color : Beige

FINISHING:

Metal : Metalic Silver Powder coating SS buffing finish

Item no.16
READING TABLE



1. Reading Tables for Library (in cluster of 4) shall be in desk based modular partition system with following specifications and provisions:
2. Main Legs: Main leg shall be made up of the Leg Frame, Fascia & Caps and tubes. Leg frame shall be made up of Mild Steel (M.S.) E. R. W tubes of following types and sizes - Semicircular cross section of 30 x 60 - Formed MS leg base with bottom 'C' channel (curved 1.5mm thick powder coated) Leg Fascia shall be made up of CRCA (Cold Rolled Cold Annealed)'D' grade 0.8mm thick m.s. sheet as per IS – 513-1994, pretreated with 2 step single chemical spray phosphating process finally powder coated with average 50 to 60 micron thickness of epoxy powder coating.
3. Wire Mangers: These shall be made up of two 'C' sections back to back spot welded, shall be made up of CRCA 'D' grade 1.6mm thick. M.S. as per IS: 513-1994, pretreated finally powder coated with epoxy powder coating. These shall be fastened together with telescopic piece on spring washer and M.S. screws to get variety in length. A fascia of 9mm thickness PLB shall be snap-fitted on wire managers for mounting of switches.
4. Screens: Pre-laminated Sreen (Front) – 759(W) X 450(H) (Rectangular) shall be made of 25mm thick Pre-laminated twin particle board interior grade of approved shade conforming to IS:12823:1990. The top edge of the screen shall be finished with new t-mould to give clean edge and the rest of the sides shall be finished with 0.5mm thick pvc lipping. Screens shall be fixed to Worksurfaces with screen holders of powder coated Aluminum extruded sections of square cross section 25.6 mm x 25.6 mm,1.8 mm thick (of grade He-9-63400). ABS caps shall be used on these extrusions.
5. Worktops: Rectangular work tops of sizes 750mm x 600mm shall be made of 25mm thick Pre-laminated particle board interior grade of approved shade conforming to IS:12823:1990. Bottom shall have a backing laminate of minimum 0.6 mm thickness. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue.

Item no.17
RECEPTION COUNTER



1. The table for Reception shall have rubberwood Top with clean matt PU finish 18mm thick.
2. The inside radius shall be 700.00mm and outside radius shall be 1350.00mm
3. The Depth shall be 200mm. The rubberised cork shall be 18mm thick.
4. The hardened glass shall be plain 10mm thick diamond cut finishing on edges.
5. The inside radius of the glass shall be 1202.5mm thick.
6. The outside radius shall be 1402.5mm and depth shall be 200mm. The angles sustained within arc surface shall be 60 degree.
7. The Modesty Panel shall be made of non magnetic SS Perforated sheet below Work surface: 0.8mm (Thick) x 66.5mm (Height) x 130.6mm (Flat Length) and above Work surface: 0.8mm (Thick) x 260mm (Height) x 130.6mm (Flat Length). The legs shall be made of MS tube 1.6mm Thick having Dia : 50.8mm, Height : 604mm.

Item no.18

VISITOR CHAIR - PREMIUM



1) SEAT/BACK ASSEMBLY: The seat is made up of insert moulded Polyurethane Foam upholstered with foam laminated mesh fabric. The insert moulded foam is assembled over a load bearing plastic seat cover. The back is made up of two piece injection moulded frame. The inner frame is upholstered with mesh fabric and mounted on the main assembly. The back has adjustable lumbar support for achieving comfortable seating posture.

Seat size = 52.5 cm Width, 51 cm Depth.

Back size= 48.5 cm Max Width, 62 cm Ht.

Back Ht from Seat = 57 cm

POLYURETHANE FOAM: The polyurethane foam for seat is moulded with density = 75 ± 4 kg/m³ and Hardness = 34 ± 4 .

2) LEG FRAME ASSEMBLY for visitor: The Sled-base Leg frame welded assembly is made from MS ERW round tube with base plate for seat fixing.

8) DIMENSIONS

Total Width: 55.5 cm Total Depth: 65.5cm Total Height: 98 cm Seat Height: 45 cm

Item no.19

WAITING CHAIR 3 SEATER - HIGH QUALITY



1) SIDE FRAME ASSEMBLY: The side frame assembly is fitted to the two ends of the connecting beam assembly to form the leg-cum-armrest assembly. It is made of a MS. E.R.W. tube dia. 3.81cm. (1 1/2") x 14 BG. thk. and black powder coated. The ends are fitted with ABS moulded end caps.

2) TIE MEMBER: It is the connecting beam assy. which holds the two side frames to each other. 2 nos. tie members are used to connect the side frames. The tie-member is made of MS. E.R.W. tube dia.3.81cm. (1 1/2") x 14 BG. thk. and black powder coated. The seat/back assemblies are mounted on one of the tie-member which has 5cm x 5.5cm long x 0.5cm. thk MS. Std. angles welded to mount the seat and back.

3) SEATREST ASSEMBLY: The seat rest assembly consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/- 2 Kg./cm³. The hardness of the P.U. foam = 23 - 27 Kgs. on Hampden m/c. for 25% compression of the foam. The complete moulded seat rest assembly is covered with a replaceable fabric upholstery cover.

SEAT SIZE: 52.0cm. (W) X 50.0cm. (D) X 6.0cm. (T)

3) BACKREST ASSEMBLY: The backrest assembly is flexing type and consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/- 2 Kg./cm³. The hardness of the P.U. foam = 16 – 20 Kgs. on Hampden m/c. for 25% compression of the foam. The complete moulded backrest assembly is covered with a replaceable fabric upholstery cover.

BACK SIZE: 52.0cm. (W) X 59.0cm. (H) X 6.0cm. (T)

4) ADJ. GLIDES: The adj. glide is injection moulded in black Nylon & fitted to the front end of side frame assembly along with ABS moulded adj. Glide base to take care or unlevelled floor surface.

Item no.20

FOLDING METAL BED



- Frame: 1.5 mm Mild Steel with powder coating.
- Length: 72 Inches. Width: 36 inches.
- Height from floor: 16 inches.
- Mattress: 4 inches foam of 32 density.
- To be provided with castors to manoeuvre in folded mode.
- Folded position dimensions: width 3 ft X height 4ft X depth 9 inches.

Item no.21
LUGGAGE RACK



Two tier Luggage rack : 3 ½ ' x 2' rack size.
Tubular MS steel frame work mounted on rubber shoes.

Item no.22
Fire & Burglary Resistant Safe

1. Robust Fire Resistant Filing Cabinet with double wall with at least 4 drawers having a minimum of 2" thick fire proof substance all round.
2. Duly re-in forced to withstand impact of a fall.
3. Each drawer should be provided with independent security protection from Fire and Burglary.
4. Volume of safe-170-190 Liters
5. Effortless movement of drawer.
6. Locking Mechanism:- □ Each drawer of the Fire Proof Safe should be provided with a self closing latch which enables the user to shut the drawers almost instantaneously during emergency. □ An automatic locking mechanism which centrally controlled all the drawers to keep the individual drawer open and rest to be closed at the same time.

Schedule-18

Item no.1
Refrigerator (400L)

1. Total Capacity 450 LITRE

2. CFC Free Refrigerant
3. Double door
4. Separate Freezer compartment - 150 L approx
5. Inverter Technology based compressor
6. electronic temperature control
7. unbreakable Tempered glass Racks
8. Frost - free
9. 3 star or higher rating.

Item no.2

Refrigerator (175L)

1. Total Capacity 175 LITRE
2. CFC Free Refrigerant
3. Temperature control
4. unbreakable Tempered glass Racks
5. Frost - free
6. 3 star or higher rating.

Item no.3

CONFERENCE TABLE P-A SYSTEM(15 MIC)

- Chairman unit – 1
- Delegate Unit – 14
- Suitable Central Amplifier : 1
- Suitable Secretary Unit : 1
- Suitable conference Expansion unit – 1
- 50 Watts
- AC 24 Volts DC operation.
- Highly sensitive 16” long goose neck microphone
- Bright clear ring LED indictable
- Compact die cast Aluminium cabinet.

- Head phone output.
- Chairman unit – Priority switch
- 50 watt PA amplifier for sound reinforcement
- Automatic

Item no.4

TELEVISION-42" LED

MAKE: SAMSUNG/SONY/PHILIPS/LG/ PANASONIC/TOSHIBA/HAIER/ VIDEOCON

Screen Size: 42" Full HD HDMI PORT-02 Nos. USB PORT- 02 Nos.

Component Video I/P -01 No. Inbuilt T.V. Tuner Wall Mounting or Stand to mounted T.V.

Remote to be provided for full function.

Item no.5

WATER COOLER

Storage Capacity: 40 Ltr

Nominal Cooling Capacity: 20 Ltrs/hr

No of faucets: 1 or 2

- All models sound suitable for operating on 230Volts (AC Supply)/IPH/50Hz
- Cooling Capacity as per IS 1475 for a drop of 165°C

Item no.6

TELEVISION-48"

MAKE: SAMSUNG/SONY/PHILIPS/LG/ PANASONIC/TOSHIBA/HAIER/ VIDEOCON

Screen Size: 48" Full HD HDMI PORT-02 Nos. USB PORT- 02 Nos.

Component Video I/P -01 No. Inbuilt T.V. Tuner Wall Mounting or Stand to mounted T.V.

Remote to be provided for full function.

Item no.7

TELEVISION -24"

MAKE: SAMSUNG/SONY/PHILIPS/LG/ PANASONIC/TOSHIBA/HAIER/ VIDEOCON

Screen Size: 24" Full HD HDMI PORT-02 Nos. USB PORT- 02 Nos.

Component Video I/P -01 No. Inbuilt T.V. Tuner Wall Mounting or Stand to mounted T.V.

Remote to be provided for full function.

Item no.8

2 Tons split AC

5 Star Rating • Inverter Technology • 2 Tons Capacity • Micro protection filter

Monsoon Comfort ☐ Swing Function control ☐ Temp Display set & Actual Temperature ☐ On & OFF display

☐ Timer function for ON & OFF

☐ 5 mtrs copper piping with insulation to be provided to connect indoor & outdoor unit.

Extra per mtr length to be offered separately. ☐ Remote control for full function

Item no.9

1.5 Tons split AC

5 Star Rating ☐ Inverter Technology ☐ 1.5 Tons Capacity ☐ Micro protection filter ☐ Monsoon Comfort ☐ Swing Function control

☐ Temp Display set & Actual Temperature ☐ On & OFF display ☐ Timer function for ON & OFF ☐ 5 mtrs. copper piping with insulation to be provided to connect indoor & outdoor unit.

Extra per mtr. length to be offered separately. ☐ Remote control for full function

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty(Comprehensive):

- a) One year/Two years/Three years as specified for the items in the List of Requirements as per Conditions of Contract of the TE document for complete equipment/instruments 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 nearby city of Institution on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 48 hrs. The service should be provided directly by Tenderer. For the items covered under CMC, an undertaking by the supplier/ manufacturer 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 the supplier (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 a period as specified in List of Requirement for complete equipment 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 may examine the existing site where the equipment is to be installed, in consultation with consignee/Institution. . The Tenderer to quote prices indicating break-up of prices of the Machine and Turnkey Job . The Turnkey costs will be added for evaluation and ranking purpose.

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 or an authorised agent for at least any one of the items covered in the quoted schedule. For such an item, the tenderer should have supplied and installed at least 50% of the quoted item and quantity during previous three years from the date of bid opening. The tenderer should submit performance statement coupled with end user certificate as per the format given in Proforma “A”.

The above requirement is applicable individually for each schedule. The tenderer shall furnish Manufacturer’s Authorisation Form as per the format given at Section XIV.

Tenderer is also required to submit manufacturer’s authorisation letter(s) for the specific item(s) as detailed in List of Requirement.

02. The tenderer should have successfully executed minimum order value (under a single order or cumulative under multiple orders) of 20 times the EMD value of the respective schedule(s), during last three years from the date of bid opening, for similar products against quoted schedule(s). If the tenderer quotes for more than one schedule, the executed order value requirement shall be on cumulative basis.

Similar product shall mean the following:

For Schedule Sl.No. 1,2,3,6,7,8,9,10,11,12,13,14,15: Any Medical equipment/ laboratory equipment

For Schedule Sl.No. 4,5: Any pharma equipment/ process equipment)

For Schedule Sl.No. 16,17: Any Furniture items

For Schedule Sl.No. 18 : Any Electrical / Electronic appliances

03. The tenderer should have average annual turnover for last three years as below:

- a. Tenderer quoting for any one schedule : Not less than Rs. 25 lakh
- b. Tenderer quoting for any two schedules : Not less than Rs. 50 lakh
- c. Tenderer quoting for any three schedules : Not less than Rs. 75 lakh
- d. Tenderer quoting for any four or more schedules : Not less than Rs. 100 lakh

The tenderer should submit balance sheet and Profit and loss statement duly attested by Chartered Accountant for the proceeding three financial years.

Note:

- a. 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.”

- b. In support of 1 and 2 above, the Tenderer shall furnish Performance statement in the enclosed Proforma 'A'.

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.

- c. 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.
- d. 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 three 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	1A	2	3	4	5							6
Schedule No.	No. of Item	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at Consignee Site) basis (Rs.)
					Ex - factory/ Ex -warehouse /Off - the shelf (a)	Excise Duty (if any) [%age & value] (b)	Sales Tax/ VAT(if any) [%age & value] (c)	Packing and Forwardin g 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	
												4 x 5(g)

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) DELETED

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

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

* 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 3 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.

Name_____

Business Address_____

Signature of Tenderer_____

Seal of the Tenderer_____

Place: _____

Date: _____

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_____

Place: _____

Signature of Tenderer_____

Date: _____

Seal of the Tenderer_____

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 NEIFM)

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.	Item 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)]
				1 st	2 nd	3 rd	
				a	b	c	

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 3 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, other vacuumatic parts, etc. _____ & _____) 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 authorised official)

(Signature, name and address
of Consignee 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 _____

ToM/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:

- He has not adhered to the time schedule specified in the contract in dispatching the documents/ drawings pursuant to 'Technical Specifications'.
- 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

DELETED

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?			
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?			
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, EDEC, Octroi Exemption Certificates & Entry Tax Exemption Certificates, wherever applicable, to the suppliers.