GLOBAL TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF
MEDICAL EQUIPMENT
FOR SIX AIIMS

UNDER PMSSY Scheme

FOR

GOVT OF INDIA

MINISTRY OF HEALTH & FAMILY WELFARE

HLL/PCD/PMSSY/AIIMS-II/07/13–14

BY

HLL Lifecare Limited

(A GOVERNMENT OF INDIA ENTERPRISE)
Procurement & Consultancy Services Division
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SECTION I

NOTICE INVITING TENDERS (NIT)
For Global Tender from
HLL Lifecare Limited
(A GOVERNMENT OF INDIA ENTERPRISE)

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FOR
GOVT OF INDIA
MINISTRY OF HEALTH & FAMILY WELFARE

Tender Enquiry No.: HLL/PCD/PMSSY/AIIMS-II/07/13-14 **Dated 02.12.2013**

NOTICE INVITING TENDERS (NIT)

(1) Procurement & Consultancy Services Division of HLL Lifecare Limited, for and on behalf of Govt. of India, Ministry of Health & Family Welfare, invites sealed tenders, from eligible and qualified tenderers for supply of Medical Equipments for Physiotherapy and Blood Bank departments for Six All India Institutes of Medical Science (AIIMS) – Bhopal, Bhubaneswar, Jodhpur, Patna, Raipur, Rishikesh, under PMSSY:

S.No.	Name of Equipment	Department	Quantity per AIIMS	Total Quantity for 6 AIIMS	EMD
1	Treatment Tables with postural drainage	Physiotherapy	1	6	36,000
2	DVT prophylaxis pumps (calf and ankle) One set = Pair	Physiotherapy	2	12	24,000
3	Operation theater instruments (as per requirement) See Separate Worksheet	Physiotherapy	1	6	60,000
4	Exercise table	Physiotherapy	2	12	4,800
5	Tilt table (Manual)	Physiotherapy	1	6	6,000
6	Tilt Table (Motorized)	Physiotherapy	1	6	36,000
7	Parallel bar(12ft with platform with mirror	Physiotherapy	1	6	4,200
8	Recumbent Cycle Excerciser	Physiotherapy	1	6	36,000
9	Movement Therapy System for upper limb and lower limb	Physiotherapy	1	6	48,000
10	Quadriceps exerciser stand	Physiotherapy	1	6	3,000
11	Stair training unit with ramp (wooden with straight type)	Physiotherapy	1	6	3,000

12	Wheelchairs, folding, manual, different sizes	Physiotherapy	4	24	6,240
13	Motorized wheelchair	Physiotherapy	1	6	14,400
14	Medical Gym	Physiotherapy	1	6	180,000
15	Hip, knee, ankle CPM	Physiotherapy	1	6	72,000
16	Shoulder CPM	Physiotherapy	1	6	72,000
17	Ultrasonic Therapy	Physiotherapy	1	6	12,000
18	Cryotherapy	Physiotherapy	1	6	36,000
19	Laser Therapy unit	Physiotherapy	1	6	72,000
20	Short wave diathermy	Physiotherapy	1	6	6,000
21	Interferential therapy	Physiotherapy	1	6	9,600
22	Moist heat therapy unit (8 Packs) Heavy duty	Physiotherapy	1	6	42,000
23	Paraffin wax bath	Physiotherapy	1	6	6,000
24	TENS unit	Physiotherapy	2	12	2,400
25	Lumbar and cervical Traction	Physiotherapy	1	6	36,000
26	Combination therapy unit (Portable)	Physiotherapy	1	6	15,000
27	Robo walk Treadmill with reverse belting and safety harness	Physiotherapy	1	6	372,000
28	HEMOGLOBINOMETER	Blood Bank	2	12	7,200
29	BLOOD COLLECTION MONITOR	Blood Bank	4	24	72,000
30	BIOSEALER	Blood Bank	2	12	36,000
31	BIOSEALER (HAND HELD)	Blood Bank	1	6	18,000
32	DONOR COUCH	Blood Bank	4	24	86,400
33	FOLDING DONOR COUCH (ONE SET -2 CHAIR WITH ONE TROLLEY)	Blood Bank	1	6	18,000
34	DOMESTIC REFRIGERATOR (300L)	Blood Bank	3	18	10,800
35	TUBE STRIPPER	Blood Bank	3	18	5,400
36	REFRIGERATED BLOOD BAG CENTRIFUGE (12 BAGS)	Blood Bank	2	12	4,080
37	TWO PAN COMPONENT BALANCE (DIGITAL)	Blood Bank	1	6	7,200
38	MANUAL PLASMA EXTRACTOR *	Blood Bank	4	24	9,600
39	BLOOD BANK REFRIGERATOR	Blood Bank	2	12	48,000
40	-40 DEEP FREEZER	Blood Bank	1	6	60,000
41	-80 DEEP FREEZER	Blood Bank	1	6	72,000
42	PLATELET AGITATOR & INCUBATOR (96 BAGS)	Blood Bank	1	6	48,000
43	REAGENT REFRIGERATOR (300L)	Blood Bank	1	6	30,000
44	CRYO BATH	Blood Bank	1	6	24,000
45	STERILE CONNECTING DEVICE	Blood Bank	1	6	120,000
46	LAMINAR FLOW (SMALL)	Blood Bank	1	6	12,000
47	TABLE TOP CENTRIFUGE	Blood Bank	4	24	38,400
48	ELISA READER AND WASHER	Blood Bank	1	6	54,000
49	GEL / BEAD CENTRIFUGE AND INCUBATOR	Blood Bank	1	6	66,000
50	INCUBATOR (SMALL)	Blood Bank	1	6	3,600

51	HOT AIR OVEN (SMALL)	Blood Bank	1	6	3,600
52	VDRL SHAKER	Blood Bank	1	6	2,400
53	WATER BATH	Blood Bank	2	12	6,000
54	ANALYTICAL BALANCE	Blood Bank	1	6	12,000
55	Ph METER	Blood Bank	1	6	2,400
56	CELL COUNTER (3 PART DIFF.)	Blood Bank	1	6	72,000
57	MICRO PIPET 2-1000 ul	Blood Bank	1	6	3,120
58	MICRO PIPET FIXED VOLUME (ONE SET)	Blood Bank	1	6	2,700
59	MICROSCOPE BINOCULAR(UPRIGHT)	Blood Bank	3	18	14,400
60	MULTI CHANNEL PIPET	Blood Bank	1	6	3,000
61	MOBILE TRANSPORT BOX	Blood Bank	1	6	16,200
62	APHERESIS MACHINE	Blood Bank	1	6	288,000
63	AUTO CLAVE PORTABLE VERTICAL	Blood Bank	1	6	8,400
64	TABLE TOP MICRPLATE CENTRUFUGE	Blood Bank	1	6	12,000

(2) **Tender No.: HLL/PCD/PMSSY/AIIMS-II/07/13-14**

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	03.12.2013 to 08.01.2014, 1000 hrs to 1600 hrs IST
ii.	Place of sale of Tender Enquiry Documents	HLL Lifecare Limited, (A Government of India Enterprise), Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307
iii.	Cost of the Tender Enquiry Document	Rs. 5000/-
iv.	Pre Tender Meeting Date & Time	10.12.2013, 1430 hrs IST
v.	Pre Tender Meeting Venue	Same as 2 (ii)
vi.	Closing date & time for receipt of Tender	09.01.2014, 1200 hrs IST
vii.	Time and date of opening of Techno – Commercial tenders	09.01.2014, 1230 hrs IST
viii	Venue of Opening of Techno Commercial Tender	Same as 2 (ii)

3. Interested tenderers may obtain further information about this requirement from the above office selling the documents. Tender Enquiry Documents may be purchased on payment of non-refundable fee of Rs 5000/- per set in the form of account payee Demand Draft/Pay Order/Cashier's Cheque/Banker's Cheque, drawn on a scheduled bank in India, in favour of **"HLL Lifecare Limited"** payable at New Delhi**.**
4. If requested, the Tender Enquiry Documents will be mailed by Registered Post/Speed Post to the domestic tenderers and by international airmail to the foreign tenderers, for which extra expenditure per set will be Rs 100/- for domestic post and Rs 500/- for international airmail. The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para 3 above.
5. Tenderer may also download the tender enquiry documents from the web site www.lifecarehll.com or www.eprocure.gov.in/cppp and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 3 above.

6. All prospective tenderers may attend the Pre Tender meeting. The venue, date and time indicated in the Para 2 above.
7. Tenderers shall ensure that their tenders, complete in all respects, are dropped in the Tender Box located at **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh** on or before the closing date and time indicated in the Para 2 above, failing which the tenders will be treated as late and rejected.
8. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold/received/opened on the next working day at the appointed time.
9. The Tender Enquiry Documents are not transferable.

Head (P&CD)
HLL Lifecare Limited

SECTION - II

GENERAL INSTRUCTIONS TO TENDERERS (GIT)
CONTENTS

GENERAL INSTRUCTIONS TO TENDERERS (GIT)

A. PREAMBLE

1. Definitions and Abbreviations

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

1.2. Definitions:

(i) "Purchaser" means Ministry of Health & Family welfare Govt of India.
(ii) "Tender" means Bids / Quotation / Tender received from a Firm / Tenderer / Bidder.
(iii) "Tenderer" means Bidder/ the Individual or Firm submitting Bids / Quotation / Tender
(iii) "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract.
(iv) "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.
(v) "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.
(vi) "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
(vii) "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.
(viii) "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.
(ix) "Consignee" means the Hospital (AIIMS)/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.
(x) "Specification" means the document/standard that prescribes the requirement with which goods or service has to conform.
(xi) "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.
(xii) "Day" means calendar day.

1.3 Abbreviations:

(i) "TE Document" means Tender Enquiry Document
(ii) "NIT" means Notice Inviting Tenders.
(iii) "GIT" means General Instructions to Tenderers
(iv) "SIT" means Special Instructions to Tenderers
(v) "GCC" means General Conditions of Contract
(vi) "SCC" means Special Conditions of Contract

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

2. Introduction

2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – VI – "List of Requirements", which also indicates, *interalia,* the required delivery schedule, terms and place of delivery.

2.2 This section (Section II - "General Instruction Tenderers") provides the relevant information as well as instructions to assist the prospective tenderers in preparation and submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.

2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.

2.4 Before formulating the tender and submitting the same to the purchaser, the tenderer should read and examine all the terms, conditions, instructions, checklist etc. contained in the TE documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these TE documents may result in rejection of its tender.

3. Availability of Funds

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

4. Language of Tender

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

4.2 The tender submitted by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, may also be written in the Hindi language, provided that the same are accompanied by English translation, in which case, for purpose of interpretation of the tender etc, the English translations shall prevail.

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

7. Tendering Expense

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

B. TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

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

- Section II – General Instructions to Tenderers (GIT)
- Section III – Special Instructions to Tenderers (SIT)
- Section IV – General Conditions of Contract (GCC)
- Section V – Special Conditions of Contract (SCC)
- Section VI – List of Requirements
- Section VII – Technical Specifications
- Section VIII – Quality Control Requirements
- Section IX – Qualification Criteria
- Section X – Tender Form
- Section XI – Price Schedules
- Section XII – Questionnaire
- Section XIII – Bank Guarantee Form for EMD
- Section XIV – Manufacturer's Authorisation Form
- Section XV – Bank Guarantee Form for Performance Security/CMC Security
- Section XVI – Contract Forms A & B

- Section XVII – Proforma of Consignee Receipt Certificate
- Section XVIII – Proforma of Final Acceptance Certificate by the consignee
- Section XIX – Instructions from Ministry of Shipping/ Surface Transport (Annexure 1 & 2)
- Section XX – Check List for the Tenderers
- Section XXI – Consignee List

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

9. Amendments to TE documents

9.1 At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it.

9.2 Such an amendment will be notified in writing by registered/speed post or by fax/telex/e-mail, followed by copy of the same by registered post to all prospective tenderers, which have received the TE documents and will be binding on them.

9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.

10. Clarification of TE documents

10.1 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) <u>Techno – Commercial Tender (Un priced Tender)</u>

i) Earnest money furnished in accordance with GIT clause 19.1 alternatively, documentary evidence as per GIT clause 19.2 for claiming exemption from payment of earnest money.

ii) Tender Form as per Section X (without indicating any prices).

iii) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.

iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorisation Form. **<u>While giving authorization to agent , to quote on their behalf, manufacturer has to give the reasons for not quoting directly against this tender.</u>**

v) Power of Attorney in favour of signatory of TE documents and signatory of Manufacturer's Authorisation Form.

vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.

vii) Performance Statement as per section IX along with relevant copies of orders and end users' satisfaction certificate.
viii) Price Schedule(s) as per Section XI filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
ix) Certificate of Incorporation in the country of origin.
x) Checklist as per Section XX.

B) Price Tender:

The information given at clause no. 11.1 A) ii) & viii) above should be reproduced with the prices indicated.

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

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

Note:
1. In case of (ii) above, a copy of the partnership agreement or general power of attorney, in either ,case, attested by a Notary Public should be furnished, or affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.
2. In case of the partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the tender and all other related documents must be signed by every partner of the firm.
3. A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrantee that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages

11.3 A tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.
11.4 Tender sent by fax/telex/cable/electronically shall be ignored.

12. Tender currencies

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

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

13 Tender Prices

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

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

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

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

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

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

b) any sales or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;

c) charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;

d) the price of Incidental Services, as mentioned in List of Requirements and Price Schedule;

e) the prices of Turnkey (if any), a s mentioned in List of Requirements, Technical Specification and Price Schedule; and

f) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

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

a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;

b) The amount of freight and insurance

c) the price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List;

d) Deleted

e) the charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery. Other local costs and Incidental costs, as specified in the List of Requirements and Price Schedule;

f) the charges for Incidental Services, as in the List of Requirements and Price Schedule;

g) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
h) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Duties and Taxes:

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

13.5.2 Excise Duty:

a) If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.
b) If a Tenderer chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the tenderer must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.
c) Subject to sub clauses 13.5.2 (a) & (b) above, any change in excise duty upward/downward as a result of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

13.5.3 Sales Tax:

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

13.5.4 Octroi Duty and Local Duties & Taxes:

Normally, goods to be supplied to government departments against government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned government department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the purchaser are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the purchaser. The purchaser should issue the certificate to the supplier within 21 days from the date of receipt of request from the supplier.
However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the purchaser to enable the purchaser reimburse the supplier and take other necessary action in the matter.

13.5.5 Customs Duty:

The Purchaser will pay the Customs duty wherever applicable.

13.6 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.

13.7 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.

13.8 Unless otherwise specifically indicated in this TE document, the terms FCA, FOB, FAS, CIF, CIP, DDP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris

13.9 The need for indication of all such price components by the tenderers, as required in this clause (viz., GIT clause 13) is for the purpose of comparison of the tenders by the purchaser and will no way restrict the purchaser's right to award the contract on the selected tenderer on any of the terms offered.

14. Indian Agent

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

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

15. Firm Price

15.1 Unless otherwise specified in the SIT, prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account.

15.2 However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIT clause 13 will apply.

16. Alternative Tenders

16.1 Alternative Tenders are not permitted.

16.2 However the Tenderers can quote alternate models meeting the tender specifications of same manufacturer with single EMD.

16.3 If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product. In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

17 Documents Establishing Tenderer's Eligibility and Qualifications

17.1 Pursuant to GIT clause 11, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its tender is accepted.

17.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfil the following requirements:

a) in case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser. The tenderer shall submit the manufacturer's authorization letter to this effect as per the standard form provided under Section XIV in this document.

b) the tenderer has the required financial, technical and production capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in the Section IX in these documents.

c) in case the tenderer is not doing business in India, it is duly represented by an agent stationed in India fully equipped and able to carry out the required contractual functions and duties of the supplier including after sale service, maintenance & repair etc. of the goods in question, stocking of spare parts and fast moving components and other obligations, if any, specified in the conditions of contract and/or technical specifications.

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

18.1 The tenderer shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully conform to the goods and services specified by the purchaser in the TE documents. For this purpose the tenderer shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the goods and services offered in its tender.

18.2 In case there is any variation and/or deviation between the goods & services prescribed by the purchaser and that offered by the tenderer, the tenderer shall list out the same in a chart form without ambiguity and provide the same along with its tender.

18.3 If a tenderer furnishes wrong and/or misguiding 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, New Delhi for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. In case the tenderer falls in these categories, it should furnish copy of its valid registration details (with DGS&D or NSIC, as the case may be).

19.3 The earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. The earnest money shall be furnished in one of the following forms:

i) Account Payee Demand Draft
ii) Banker's cheque and

iii) Bank Guarantee

19.4 The demand draft or banker's cheque shall be drawn on any commercial bank in India or country of the tenderer, in favour of the "HLL Lifecare Limited" payable at New Delhi. In case of bank guarantee, the same is to be provided from any commercial bank in India or country of the tenderer as per the format specified under Section XIII in these documents.

19.5 The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the tender. As validity period of Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days from Techno – Commercial Tender opening date.

19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.

19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.

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

20. Tender Validity

20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 120 days (One hundred and twenty days) after the date of tender opening prescribed in the TE document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

20.2 In exceptional cases, the tenderers may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by surface mail or by fax/ telex/cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly. A tenderer, who may not agree to extend its tender validity after the expiry of the original validity period the EMD furnished by them shall not be forfeited.

20.3 In case the day up to which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for the purchaser, the tender validity shall automatically be extended up to the next working day.

21. Signing and Sealing of Tender

21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11.

21.2 Unless otherwise mentioned in the SIT, a tenderer shall submit two copies of its tender marking them as "Original" and "Duplicate". Duplicate tenders may contain all pages including Technical Literature/Catalogues as per in Original tenders. Tenders are requested to submit tenders duly page numbered and in a binding form. **Tenders submitted in loose sheets will not be accepted.**

21.3 The original and duplicate copies of the 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 All 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", "Duplicate", 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 cannot 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 the meet the basic requirements, are liable to be treated as non-responsive and will be rejected.

27.5 The following are some of the important aspects, for which a tender shall be declared non-responsive during the evaluation and will be ignored;

(i) Deleted
(ii) Tender is unsigned.
(iii) Tender validity is shorter than the required period.

(iv) Required EMD (Amount, validity etc.)/ exemption documents have not been provided.
(v) Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorisation Form as per Section XIV.
(vi) Tenderer has not agreed to give the required performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – "Special Conditions of Contract", for due performance of the contract.
(vii) Deleted
(viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.
(ix) Poor/ unsatisfactory past performance.
(x) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
(xi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1.
(xii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.
(xiii) Tenderer has not agreed for the delivery terms and delivery schedule.

28. Minor Infirmity/Irregularity/Non-Conformity

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

29 Discrepancies in Prices

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

30. Discrepancy between original and copies of Tender

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

31. Qualification Criteria

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

32. Conversion of tender currencies to Indian Rupees

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

33. Schedule-wise Evaluation

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

34. Comparison of Tenders

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

34.2

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

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

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

ii) in the case of goods of foreign origin offered from abroad, customs duty and other similar import duties/taxes, which will be contractually payable (to the tenderer) on the goods if the contract is awarded on the tenderer.

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

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

i. In exercise of powers conferred in Section 11 of the Micro, Small and Medium Enterprises Development (MSMED) Act 2006, the Government has notified a new Public Procurement Policy for Micro & Small Enterprises effective from 1st April 2012. The policy mandates that 20% of procurement of annual requirement of goods and services by all Central Ministries / Public Sector Undertakings will be from the micro and small enterprises. The Government has also earmarked a sub-target of 4% procurement of goods & services from MSEs owned by SC/ST entrepreneurs out of above said 20% quantity.

ii. In accordance with the above said notification, the participating Micro and Small Enterprises (MSEs) in a tender, quoting price within the band of L 1+15% would also be allowed to supply a portion of the requirement by bringing down their price to the L 1 price, in a situation where L 1 price is from someone other than an MSE. Such MSEs would be allowed to supply up to 20% of the total tendered value. In case there are more than one such eligible MSE, the 20% supply will be shared equally. Out of 20% of the quantity earmarked for supply from MSEs, 4% quantity is earmarked for procurement from MSEs owned by SC/ST entrepreneurs. However, in the event of failure of such MSEs to participate in the tender process or meet the tender requirements and the L 1 price, the 4% quantity earmarked for MSEs owned by SC/ST entrepreneurs will be met from other participating MSEs.

iii. The MSEs fulfilling the prescribed eligibility criteria and participating in the tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or any other body specified by Ministry of Micro and Small enterprises in support of their being an MSE, failing which their tender will be liable to be ignored.

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.

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

40.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to twenty five (25) per cent, the quantity of goods and services mentioned in the schedule (s) in the "List of Requirements" (rounded of to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.

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

41. Notification of Award

41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by fax/ telex/cable (to be confirmed by registered / speed post) that its tender for goods & services, which have been selected by the purchaser, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within thirty days from the date of dispatch of this notification, failing which the EMD will 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 reserve 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 E M D

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

45. Publication of Tender Result

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

46. Corrupt or Fraudulent Practices

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

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

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

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

SECTION - III
SPECIAL INSTRUCTIONS TO TENDERERS
(SIT)

Sl. No.	GIT Clause No.	Topic	SIT Provision	Page No.
A	1 to 7	Preamble	No Change	27
B	8 to 10	TE documents	No Change	27
C	11 to 21	Preparation of Tenders	No Change	27
D	22 to24	Submission of Tenders	No Change	27
E	25	Tender Opening	No Change	27
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change	27
G	38 to 45	Award of Contract	No Change	27

SPECIAL INSTRUCTIONS TO TENDERERS (SIT)

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

GENERAL CONDITIONS OF CONTRACT (GCC)

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, trademarks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.

4. Country of Origin

4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.

4.2 The word "origin" incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.

4.3 The country of origin may be specified in the Price Schedule

5. Performance Security

5.1 Within fifteen (15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, initially valid for a period of minimum 30 months from the date of Notification of Award

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

It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any Scheduled bank in India or Bank Guarantee issued by a Scheduled bank in India,

in the prescribed form as provided in section XV of this document in favour of the Purchaser/Consignee. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to sixty (60) days beyond Warranty Period.

5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per Proforma in Section XV, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.

5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.

5.5 The supplier shall enter into Annual Comprehensive Maintenance Contract as per the 'Contract Form – B' in Section XVI with respective consignees, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.

5.6 Subject to GCC sub – clause 5.3 above, the Purchaser/Consignee will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations & after receipt of Consignee wise bank guarantee for CMC security in favour of Head of the Hospital/ Institute/ Medical College of the consignee as per the format in Section XV.

6. Technical Specifications and Standards

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

7. Packing and Marking

7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transhipment (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 and lodging will be borne by the purchaser and/or its nominated representative(s) for the first visit. In case the goods are rejected in the first instance and the supplier requests for re-inspection, and if same is accepted by purchaser/consignee/PSA/PA, all subsequent inspections shall be at the cost of the supplier. The expense will be to and fro Economy Airfare, Local Conveyance, Boarding and Lodging of the inspection team for the inspection period."

8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.

8.3 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser's inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser's inspector for conducting the inspections and tests again.

8.4 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier's premises, the supplier shall put up the goods for such inspection to the purchaser's inspector well ahead of the contractual delivery period, so that the purchaser's inspector is able to complete the inspection within the contractual delivery period.

8.5 If the supplier tenders the goods to the purchaser's inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.

8.6 The purchaser's/consignee's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser's inspector during pre-despatch inspection mentioned above.

"On rejection, the supplier shall remove such stores within 14 days of the date of intimation of such rejection from the consignee's premises. If such goods are not removed by the supplier within the period mentioned above, the purchaser/consignee may remove the rejected stores and either return the same to the supplier at his risk and cost by such mode of transport as purchaser/consignee may decide or dispose of such goods at the suppliers risk to recover any expense incurred in connection with such disposals and also the cost of the rejected stores if already paid for."

8.7 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the

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

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

9. Terms of Delivery

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

10. Transportation of Goods

10.1 Instructions for transportation of imported goods offered from abroad:

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

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

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

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

11. Insurance:

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

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

ii) in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 3 months beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis.

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will have to be extended by the supplier at their cost till the successful installation,

testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actuals will be reimbursed.

12. Spare parts

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

a) The spare parts as selected by the Purchaser/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and

b) In case the production of the spare parts is discontinued:

i) Sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and

ii) Immediately following such discontinuation, providing the Purchaser/Consignee, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser/Consignee.

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

13. Incidental services

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

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

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

The supplier shall send all the relevant despatch documents well in time to the Purchaser/Consignee to enable the Purchaser/Consignee clear or receive (as the case may be) the goods in terms of the contract.
Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows.

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

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

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

B) For goods imported from abroad

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

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

15. Warranty

15.1 The supplier warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials, manufacturing or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied goods under the conditions prevailing in India.

15.2 The **warranty** shall remain valid for the period as mentioned in the list of requirement/ General Technical specification, after the goods or any portion thereof as the case may be, have been delivered, installed and commissioned at the final destination.

a. No conditional warranty will be acceptable.
b. Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories and Turnkey work and it will also cover the following wherever applicable:-
   - Any kind of motor.

- Plastic & Glass Parts against any manufacturing defects.
- All kind of sensors.
- All kind of coils, probes and transducers.
- Printers and imagers including laser and thermal printers with all parts.
- UPS including the replacement of batteries.
- Air-conditioners

c. Replacement and repair will be under taken for the defective goods.
d. Proper marking has to be made for all spares for identification like printing of installation and repair dates.

15.3 In case of any claim arising out of this warranty, the Purchaser/Consignee shall promptly notify the same in writing to the supplier. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.

15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause for non rectification will be applicable as per tender conditions

15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended till the completion of the original warranty period of the main equipment.

15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.

15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods

15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.

15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipments supplied by them to the purchaser for 10 years from the date of installation and handing over.

15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipments/machines/goods etc. and shall always give the most competitive price for its machines/equipments supplied to the Purchaser/Consignee.

16. Assignment

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

17. Sub Contracts

17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.

17.2 Sub contract shall be only for bought out items and sub-assemblies.

17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").

18. Modification of contract

18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:

a) Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specially manufactured for the purchaser,
b) Mode of packing,
c) Incidental services to be provided by the supplier
d) Mode of despatch,
e) Place of delivery, and
f) Any other area(s) of the contract, as felt necessary by the purchaser depending on the merits of the case.

18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly. If the supplier doesn't agree to the adjustment made by the Purchaser/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser's/Consignee's amendment / modification of the contract.

19. Prices

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

20. Taxes and Duties

20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.

20.2 Further instruction, if any, shall be as provided in the SCC.

21. Terms and Mode of Payment

21.1 Payment Terms

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

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

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

a) On delivery:

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

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

(v) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
(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. FAC need to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trail run of the equipment.

B) Payment for Imported Goods:

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

a) On Shipment:

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

(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
(ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/Airway bill;
(iii) Four Copies of packing list identifying contents of each package;
(iv) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
(v) Manufacturer's/Supplier's warranty certificate;
(vi) Inspection certificate issued by the nominated inspection agency, if applicable as per contract;
(vii) Manufacturer's own factory inspection report and
(viii) Certificate of origin by the chamber of commerce of the concerned country;
(ix) Inspection Certificate for the despatched equipments issued by recognized/ reputed agency like SGS, Lloyd, BEAURU VARITUS and TUV prior to despatch.

b) On Acceptance:

Balance payment of 25% of net CIP price of goods would be made against 'Final Acceptance Certificate' as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trail run of the equipment.

c) Payment of Indigenous Goods :

Payment of indigenous goods will be paid as per the applicable payment terms i.e. 75% on delivery and 25% on acceptance. Delivery of the indigenous goods should be in line with the imported equipment.

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

e) Payment of Indian Agency Commission:

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

C) Payment of Turnkey, if any:

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

D) Payment for Annual Comprehensive Maintenance Contract Charges:

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

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

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

21.4 Irrevocable & non – transferable LC shall be opened by the respective consignees. However, if the supplier requests specifically to open confirmed LC, the extra charges would be borne by the supplier. If LC is required to be extended and/or amended for reasons not attributable to the purchaser/consignee, the charges thereof shall be borne by the supplier.

21.5 The payment shall be made in the currency / currencies authorised in the contract.

21.6 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.

21.7 While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.

21.8 While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from the Purchaser/Consignee, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the Purchaser/Consignee forthwith.

21.9 In case where the supplier is not in a position to submit its bill for the balance payment for want of receipted copies of Inspection Note from the consignee and the consignee has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee's receipt certificate after three months from the date of the preceding part payment for the goods in question, subject to the following conditions:

(a) The supplier will make good any defect or deficiency that the consignee (s) may report within six months from the date of despatch of goods.

(b) Delay in supplies, if any, has been regularized.

(c) The contract price where it is subject to variation has been finalized.
(d) The supplier furnishes the following undertakings:

"I/We, _____ certify that I/We have not received back the Inspection Note duly 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/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.

33.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.

33.3 The Supplier shall notify the Purchaser/Consignee /the Government of India of any material change would impact on performance of its obligations under this Contract.

33.4 Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the

Purchaser/Consignee/Government for performance of contract/services including that of its Associates/Sub Contractors under the Contract.

33.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Government of India against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.

33.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee/Government of India against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the supplier/its associate/affiliate etc.

33.7 All claims regarding indemnity shall survive the termination or expiry of the contract.

SECTION – V

SPECIAL CONDITIONS OF CONTRACT (SCC)

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

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

The warranty conditions will be as mentioned in the list of requirement as per section VI of the tender enquiry.

SECTION - VI
LIST OF REQUIREMENTS

Part I

S.No.	Name of Equipment	Department	Quantity per AIIMS	Total Quantity for 6 AIIMS	Warranty required	CMC required
1	Treatment Tables with postural drainage	Physiotherapy	1	6	5 years	yes
2	DVT prophylaxis pumps (calf and ankle) One set = Pair	Physiotherapy	2	12	5 years	yes
3	Operation theater instruments (as per requirement) See Separate Worksheet	Physiotherapy	1	6	5 years	yes
4	Exercise table	Physiotherapy	2	12	5 years	yes
5	Tilt table (Manual)	Physiotherapy	1	6	5 years	yes
6	Tilt Table (Motorized)	Physiotherapy	1	6	5 years	yes
7	Parallel bar(12ft with platform with mirror	Physiotherapy	1	6	5 years	yes
8	Recumbent Cycle Excerciser	Physiotherapy	1	6	5 years	yes
9	Movement Therapy System for upper limb and lower limb	Physiotherapy	1	6	5 years	yes
10	Quadriceps exerciser stand	Physiotherapy	1	6	5 years	yes
11	Stair training unit with ramp (wooden with straight type)	Physiotherapy	1	6	5 years	yes
12	Wheelchairs, folding, manual, different sizes	Physiotherapy	4	24	5 years	yes
13	Motorized wheelchair	Physiotherapy	1	6	5 years	yes
14	Medical Gym	Physiotherapy	1	6	5 years	yes
15	Hip, knee, ankle CPM	Physiotherapy	1	6	5 years	yes
16	Shoulder CPM	Physiotherapy	1	6	5 years	yes
17	Ultrasonic Therapy	Physiotherapy	1	6	5 years	yes
18	Cryotherapy	Physiotherapy	1	6	5 years	yes
19	Laser Therapy unit	Physiotherapy	1	6	5 years	yes
20	Short wave diathermy	Physiotherapy	1	6	5 years	yes
21	Interferential therapy	Physiotherapy	1	6	5 years	yes
22	Moist heat therapy unit (8 Packs) Heavy duty	Physiotherapy	1	6	5 years	yes
23	Paraffin wax bath	Physiotherapy	1	6	5 years	yes
24	TENS unit	Physiotherapy	2	12	5 years	yes
25	Lumbar and cervical Traction	Physiotherapy	1	6	5 years	yes
26	Combination therapy unit (Portable)	Physiotherapy	1	6	5 years	yes
27	Robo walk Treadmill with reverse belting and safety harness	Physiotherapy	1	6	5 years	yes
28	HEMOGLOBINOMETER	Blood Bank	2	12	5 years	yes
29	BLOOD COLLECTION MONITOR	Blood Bank	4	24	5 years	yes
30	BIOSEALER	Blood Bank	2	12	5 years	yes
31	BIOSEALER (HAND HELD)	Blood Bank	1	6	5 years	yes
32	DONOR COUCH	Blood Bank	4	24	5 years	yes

33	FOLDING DONOR COUCH (ONE SET -2 CHAIR WITH ONE TROLLEY)	Blood Bank	1	6	5 years	yes
34	DOMESTIC REFRIGERATOR (300L)	Blood Bank	3	18	5 years	yes
35	TUBE STRIPPER	Blood Bank	3	18	5 years	yes
36	REFRIGERATED BLOOD BAG CENTRIFUGE (12 BAGS)	Blood Bank	2	12	5 years	yes
37	TWO PAN COMPONENT BALANCE (DIGITAL)	Blood Bank	1	6	5 years	yes
38	MANUAL PLASMA EXTRACTOR *	Blood Bank	4	24	5 years	yes
39	BLOOD BANK REFRIGERATOR	Blood Bank	2	12	5 years	yes
40	-40 DEEP FREEZER	Blood Bank	1	6	5 years	yes
41	-80 DEEP FREEZER	Blood Bank	1	6	5 years	yes
42	PLATELET AGITATOR & INCUBATOR (96 BAGS)	Blood Bank	1	6	5 years	yes
43	REAGENT REFRIGERATOR (300L)	Blood Bank	1	6	5 years	yes
44	CRYO BATH	Blood Bank	1	6	5 years	yes
45	STERILE CONNECTING DEVICE	Blood Bank	1	6	5 years	yes
46	LAMINAR FLOW (SMALL)	Blood Bank	1	6	5 years	yes
47	TABLE TOP CENTRIFUGE	Blood Bank	4	24	5 years	yes
48	ELISA READER AND WASHER	Blood Bank	1	6	5 years	yes
49	GEL / BEAD CENTRIFUGE AND INCUBATOR	Blood Bank	1	6	5 years	yes
50	INCUBATOR (SMALL)	Blood Bank	1	6	5 years	yes
51	HOT AIR OVEN (SMALL)	Blood Bank	1	6	5 years	yes
52	VDRL SHAKER	Blood Bank	1	6	5 years	yes
53	WATER BATH	Blood Bank	2	12	5 years	yes
54	ANALYTICAL BALANCE	Blood Bank	1	6	5 years	yes
55	Ph METER	Blood Bank	1	6	5 years	yes
56	CELL COUNTER (3 PART DIFF.)	Blood Bank	1	6	5 years	yes
57	MICRO PIPET 2-1000 ul	Blood Bank	1	6	5 years	yes
58	MICRO PIPET FIXED VOLUME (ONE SET)	Blood Bank	1	6	5 years	yes
59	MICROSCOPE BINOCULAR(UPRIGHT)	Blood Bank	3	18	5 years	yes
60	MULTI CHANNEL PIPET	Blood Bank	1	6	5 years	yes
61	MOBILE TRANSPORT BOX	Blood Bank	1	6	5 years	yes
62	APHERESIS MACHINE	Blood Bank	1	6	5 years	yes
63	AUTO CLAVE PORTABLE VERTICAL	Blood Bank	1	6	5 years	yes
64	TABLE TOP MICRPLATE CENTRUFUGE	Blood Bank	1	6	5 years	yes

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods if supplied from India:

75 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 45 days of receipt of the stores/ goods at site or within 45 days of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

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

Installation and commissioning shall be done within 45 days of receipt of the stores/ goods at site or within 45 days of handing over the site for installation, whichever is later.

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

Note: Deleted

Part III: Scope of Incidental Services:

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

Part IV:

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

Part V:

Warranty period as per details in general technical specification and as specified in Part I above. Warranty period will be 60 months from the date of installation, commissioning and acceptance or 66 months from the date of last shipment/dispatch, whichever is earlier.

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

Part VI:

Required Terms of Delivery and Destination.

a) For Indigenous goods or for imported goods if supplied from India:

At Consignee Site(s)

b) For Imported goods directly from abroad:

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

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

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

Destination/Consignee details are given in Section XXI

Section – VII
Technical Specifications

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.

Note 3: Adequate training of personnel and non-locked open software and standard interface interoperability conditions for networked equipment in hospital management information system (HMIS)

The successful tenderer will be required to undertake to provide at his cost technical training for personnel involved in the use and handling of the equipment on site at the institute immediately after its installation. The company shall be required to train the institute personnel onsite for a minimum period of 1 month

All software updates should be provided free of cost during warranty period and CMC period

TECHNICAL SPECIFICATIONS

Schedule no. 1

Specifications of Treatment Table with Postural Drainage

1. High quality, functionalandextremelydurable physiotherapy tables
   Angle of the Head Section should be adjustable from to -20 to 80 Degree.
2. Width of working area of table should be 70 Cm.
3. It should have Breathing Hole &Plug .
4. It should have Adjustable foot for uneven flooring.
5. It should have hand remote control.
6. It should have electrically adjustable Height Range from to 45 to 90 cm.
7. Table should be three sections with electrically operated postural drainage facility.
8. Angle of leg section should be adjustable from 0 to 80 degree.
9. It should be European CE or USFDA certified.

Schedule no. 2

Specification for Intermittent Pneumatic Compression for Prevention of DVT

1. System should consist of a 4 chamber sequential compression device with a total fast filling cycle and emptying cycle total of 60 seconds approximately.
2. Should have reusable sleeves which offer a compression of the foot and the calf.
3. The pressure range of the machine should be 50-60 mm Hg.
4. The cycling time should be one minute - the machine repeats the compression every minute and can be run for 24 hours continuously to provide optimum DVT prevention for the patient.
5. It should be lightweight and noise free and vibration free.
6. The compression sleeves should be comfortable to wear and easy to use for patients and the machine should have inbuilt alarms for monitoring.
7. The Compression garments can be cleaned and reused and should come with a warranty.
8. Provisions should be available for closing of one leg pressure vent when used on single limb.
9. Accessories: Availability of sleeves in three different sizes small, medium and large /10 x13 x 26.
10. Deleted
11. It should operate on 220-230 volts/115v, 50-60 Hz
12. Should be European CE or USFDA approved.

Schedule no. 3

PMR Equipments list of surgical instruments

General Surgical Instruments

(For Deformity Correction, pressure ulcer surgeries & Rehabilitation Surgeries)

Sponge Holder	4
Towel Clamp (Small)	1 dozen
Towel Clamp (Large - artery forceps type)	1 Dozen
Bipolar cautery	1
Monopolar cautery	1
Suction Apparatus	1
BP Handle - for blade number 24 (Big)	3
BP Handle for blade number 15 (small)	3
Straight Artery Forceps (6 inch)	1 dozen
Straight Artery Forceps(8 inch)	6
Straight Artery Forceps (10inch)	6
Mosquito straight Artery Forceps	1 dozen
Curved Artery Forceps (6 inch)	1 dozen
Curved Artery Forceps (8 inch)	6
Curved Artery Forceps (10inch)	6
Mosquito Curved Artery Forceps	1 dozen
Allis Tissue Forceps (6 inch)	1 dozen
Allis Tissue Forceps (8 inch)	1 dozen
Allis Tissue Forceps (10 inch)	1 dozen
Cockers Forceps (6 Inch)	6
Cockers Forceps(8 inch)	6

22	Thumb Forceps toothed (8 inch)	4
23	Thumb Forceps Toothe (6 inch)	4
24	Thumb Forceps Plane (6 inch)	4
25	Thumb Forceps Plane (4 inch) Twizzer	4
26	Needle Holder (8 Inch)	4
27	Needle Holder (6 Inch)	6
28	Needle Holder (10 Inch)	6
29	Scissors (10 Inch)	4
30	Scissors (8 inch) (Stitch Cutting)	4
31	Dissecting Scissor Straight (8 inch)	4
32	Dissecting Scissor curved (8 inch)	4
33	Dissecting Scissor Straight (6 inch)	4
34	Dissecting Scissor curved (6 inch)	4
35	Pointed small scissor straight	4
36	Pointed small scissor curved	4
37	Lahey's Forcep (Medium) 8 inch	2
38	Lahey's Forceps (Medium) 6 inch	2
39	Right Angle Retractor (3 Inch)	2
40	Right Angle Retractor (2 Inch)	2
41	Right Angle Retractor 1.5 inch	2
42	Right Angle Retractor 1 inch	2
43	Langenham's Right angle Retractor (Medium)	2
44	Langenham's Right angle Retractor (small)	2
45	Small 3 Plunge /2 plunge Retractor	2 Pairs
46	Bone Hammer (Mallet) (Large)	2

47	Bone Hammer (Mallet) (Small)	2
48	Bone Lever - Large - 2	2
49	Bone Lever - (Medium)	2
50	Bone Lever- (Small)	2
51	Diamond (Watson Jone) Bone lever (Medium)	2
52	Diamond Bone (Watson Jone) Lever Small	2
53	Bone Lever Serrated curved - Medium	2
54	Bone Lever serrated - small	2
55	Perlosteum Elevator (Large)	2
56	Periosteum Elevator (Small)	2
57	Bone Holding Forceps (Large)	2
58	Bone Holding Forceps (Medium)	2
59	Bone Holding Forceps (Small)	2
60	T Handle	2
61	Electric Drill for Bone	1
62	Battery operated bone drill	1
63	Manual Stainless steel Bone drill	2
64	Electronic digital Torniquet with cuff set	1
65	Pneumatic Torniquet with cuff set	1
	Cutting Instruments	
66	Straight Osteotome- 25 MM	1
67	Straight Osteotome- 20 MM	1
68	Straight Osteotome- 15MM	1
69	Straight Osteotome- 10 MM	1

70	Straight Osteotome- 5 MM	1
71	Curved Osteotome- 25 mm	1
72	Curved Osteotome- 20 mm	1
73	Curved Osteotome- 15 mm	1
74	Curved Osteotome- 10 mm	1
75	Curved Osteotome- 05 mm	1
76	Straight Gauge- 15mm	1
77	Straight Gauge- 10mm	1
78	Straight Gauge- 05mm	1
79	Curved Gauge -15 mm	1
80	Curved Gauge-10mm	1
81	Curved Gauge - 5 mm	1
82	Straight Bone nibbler Double Cutting Big	1
83	Straight Bone nibbler Double Cutting Small	1
84	Curved Bone nibbler Double Cutting Big	1
85	Curved Bone nibbler Double Cutting Small	1
86	Bone Cutter Large	1
87	Bone Cutter Small	1
88	Bone Chisel (15mm)	1
89	Bone Chisel (10mm)	1
90	Bone Chisel (5mm)	1
91	Wriggle and Saw Handle	2 Pair
92	Wriggle and Saw Wire	1 Dozen
93	Bone file	2
94	K wire extractor	1

95	Small T handle for scanz pin holder	1
96	Stainless steel wire cutter cum bender and plier (Large)	1
97	Stainless steel wire cutter cum bender and plier (Small)	1
98	Plate Bender	1 Set
	Plaster Cutting Set	
99	Electric Plastic cutter	1
100	Manual Plaster Cutter	2
101	Plaster Spreader	2
102	Plaster cutting scissor	2
	llizarov Set of Instrument	
103	Heavy Duty Pliar	1
104	llizarov wire cutter	1
105	Rench for sixe no 9 and 10	nut/bolt-6
106	Box Rench for size 10	nut/bolt-2
107	Wire rensioner	2
108	Dynamometer for giving wire tension	2
109	Screw driver 4.5mm	2
110	Screw Driver 3.5 mm	2
111	Bone tap 4.5 mm	2
112	Bone tap 3.5 mm	2
113	Drill Sleeve - 4.5 mm and 3.5mm	2

	Tendon Transfer Instruments	
114	Tendon Tunneller-Large	1
115	Tendon Tunneller- Medium	1
116	Tendon Tunneller- Small	1
117	Tendon Passer Straight Large	1
118	Tendon Passer Straight Medium	1
119	Tendon Passer Straight - Small	1
120	Skin Grafting knife (Humpy)- 6 Inch Blade Holder	1
121	Skin Grafting knife - 2 Inch Blade Holder	1
122	Bone Curetter Large	1
123	Bone Curetter Small	1
124	Skin Hooks - Single and double prong	2
125	Self retaining retractor (Medium)	1
126	Self Retaining retractor (Small)	1
127	Bone Awl straight	1
128	Bone Awl curve	1

Schedule no. 4

Exercise Table

1) Smooth Wooden Exercise Table
2) Plain table (Wooden table) with adjustable-hack 2" upholstered top.
3) Adjustable hack features positive locking in 6-8 places
4) Top : 150 cm x 88 cm
5) Provided with 6 legs
6) Special frame design allows 1000 pound patient capacity

Schedule no. 5

Tilt Table (Manual)

1) Manually operated tilt table with foam padded top
2) Provided with three straps to hold the patient- Thoracic, Pelvic and Knee
3) Range of tilt calibrated from 0-90 degree
4) Table top is 61 cm wide x 198 cm long x 80 cm high
5) Fitted on heavy duty tubular steel frame with locking castors for easy mobility
6) Oven baked finish
7) Provided with two griping handles for various activities.
8) Should be European CE or US FDA or BIS certified

Schedule no. 6

Tilt Table (Motorised)

1) Table should have electric height adjustment control via remote from 46 to 84 cm
2) It should have electric tilting control via remote.
3) Both control can be adjust by two function hand remote.
4) Table should tilt full 90 degree.

5) tilt tables motor should have 12- 14 mm/sec speed at unloaded and 6 -7 mm/sec speed at full load.

6) It should have Battery Back-Up to bring the patient down in case of power failure

7) It should have facility of lowers to wheelchair height

8) It should have good quality large braking castors

9) It should indicate tilt angle.

10) Table should have minimum 200 kg weight barring capacity of patient.

11) Table top should have minimum 61cm wide x 198cm long x 80cm high

12) Table should have minimum Three fixation belts:- Thoracic, Pelvic, Knee

13) Table should have work table attachment.

14) Should be USFDA or European CE certified.

Schedule no. 7

PARALLEL BAR WITH PLATFORM

a. Width adjusts from 15" to 28" with ergonomic control knobs on each upright.

b. 30" clearance between uprights.

c. Satin-finish hardwood platform with tapered hardwood ends for easy wheelchair access.

d. "anti-slip" treads on each end.

e. 1.5 diameter one piece stainless steel handrails.

f. Heavy gauge black powder coated steel uprights and fittings.

g. Each upright telescopes up in 1.5 increments and locks into (10) height positions with fail-safe ball-tip locking pin.

h. Weight Capacity: 400 lbs.

i. Dimensions: L x W x H: 7'x 15"- 28" x 29"- 42"

j. Dimensions: L x W x H: 10'x 15"- 28" x 29"- 42"

k. Dimensions: L x W x H: 12' x 15"- 28" x 29"- 42"

Schedule no. 8

Recumbent Cycle Exerciser

Cycle should have following program

Hill,Interval, Manual/Track, Random , Weight Loss HRC, Quick Start and should be with 2 to 4 user IDs.

Cycle should have Infrared remote control, Lumbar pouch,

Cycle should have Adjustable seat pad, Adjustable seat back

Cycle should have Feed back display for Speed, watts, calories, RPM , Distance, Time, Resistance level, HR and Trageted HR.

Cycle should have LED display and should be adjustable with out pedaling

Cycle should be capable for Max user weightup to 400 lbs

Cycle should have Mini 15- 20 electro magnetic resistance level .

Cycle should have Self-generating power supply with 2 minute backup

Cycle should supply with hot and cold pack to be place in lumber pouch

Should Be US FDA/ European CE certified.

Schedule no. 9

MOVEMENT THERAPY SYSTEM FOR LOWER & UPPER LIMB

- Should have safety foot shells for feet and leg guides with calf shells to secure support for the legs.
- Leg guides should have suspension system to avoid pressure marks.
- Electronic leg insertion aid to aid helps to insert and remove the legs with LCD display.
- The unit should be height adjustable.
- Range of motor power in steps: 1- 16 N
- Velocity range: 0-60 rpm

- The unit should have got servo cycling mode
- The unit should have got movement protector & spasm control also.
- The unit should display the current date & time.
- The unit should have got gear shift control in the range of 1-20 steps
- The unit should be compatible with functional electrical stimulator
- The unit should have got operating power consumption of max. 140 watts.
- The unit should have got non-operating power consumption of max. 3 watts.
- Leg guides with calf support (1 pair)
- Arm/upper body trainer active/passive

Should be US FDA/ European CE certified

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Schedule no. 10

Standing table/ frame

1) Basic standing frame; comfortable supports weight bearing parts of the body.
2) Frame is made out of best quality teak wood.
3) Frame is fitted with a laminated top tray.
4) Three straps are provided for heel, ankle and pelvic support.
5) Natural wood polish Finish.

Schedule no. 11

Stairs Training Unit (Wooden stairs)

1) Wide platform for patient: Enough to change direction with crutches

2) Built in two sections fit in STRAIGHT

3) Step Arrangement : four 15 cms steps leading to platform of 76 x 76 x 60 cms high

4) Hand rails at different height to accommodate adult and children.

5) Sides and supporting frame of steps is made of commercial board of thickness

6) Hand rails with supporting bars made of hardwood.

Schedule no. 12

Specifications of Wheel Chair

Width: 21.5" (17" seat); 23.5" (19 seat)
Length/Depth: 24"
Weight Capacity: 180 kg.
Seat Width: 17" or 19"
Seat Depth: 16"
Seat to Floor Height: 19".
Back Height: 17"
Arm rest: Removable
Front Riggings: Swing-away aluminium Footrests
5 cm 50PU density foam cushioned top and back covered with leathered Rexene of 2mm thickness.
Rear Axle: Single Position 12mm
All the Stainless Steel should be 304 grade/ 16 gauge.

Desirable reclining mode
Should be CE approved.

Specifications for Pediatric Wheelchair

Aluminum Special Functional Epoxy Detachable Arm Rest & Foot Rest.
Seat & Back Upholstery made of colored Leatherette.
8" Front Wheel & 24" Rear Wheel.
Seat Width 38cms & Overall width 58cms
Adjustable Arm Rest

Schedule no. 13
Specifications of Motorized Wheel Chair

Specification of wheel chair

Load Capacity	:	100 Kg (minimum)
Speed	:	Upto 8 km/hr
Motor Power	:	270 - 320 Watt
Motor Speed	:	4700-5300 rpm
Brake	:	Electromagnetic
Gradeability	:	10 degree (minimum)
Ground Clearance	:	7 cm (minimum)
Drive Range	:	10 km (minimum)
Turn Circle Radius	:	60 cm (max)
Battery	:	24 Volt 24ah maintenance free
Total Dimensions	:	Total Length ≈ 100 cm
	:	Total Width≤ 60 cm
	:	Total Height≤ 100 cm
Seat Dimension	:	Depth≈40 cm
	:	Width≈50cm
	:	Back height≈40 cm
	:	Back Width≈50 cm
Arm Support Width	:	5 cm (minimum, hight of arm support should be adjustable)
Foot Support	:	20 cm in length (minimum, hight of support should be adjustable)

** It should be able take signal though Joy stick mounted in right arm support, signals from other means through wired and wireless (compatible receiver should mounted on it).*

Should have removable arm rest & Foldable foot support

Should have reclining mode.

Should be European CE or US FDA certified.

Schedule no. 14

Specifications of Medical Gym

All the equipment should work on Pneumatic technology and not on weighing stacks.

Operational noise should be less than 50 db

All the equipments should have following minimum features:

- Transmission should mimic the function of muscles. The resistance should always perfectly accommodate the force output of the muscles regardless of the speed of motion. Safety aspects, all Transmission parts should be completely covered
- There should not be any wires or cables. All moving joints in the transmission should be with ball bearings
- Should have facility for Range limiters , which can be used to limit the range of motion- in flexion and extension
- Should have "Step less" transmission to accommodate every level of strength.
- Should have ergonomically contoured back support to reduce the load on the spinal column.
- Many of equipment should dual action.
- Medical Gym should have not more than 4 units , covering following exercises :

  Hip Adduction/ Abduction
  Leg Press
  Abdomen/Back
  Twist

  - System should supply a isometric maximum force measuring device. Device should provide information on maximum strength and Mascular balance,right, left, front and back.
    Unit should supply with require software for visual feedback of tests and numerical values.
  - Entire system should supply with required compressor
  - Unit should be European CE / US FDA certified.

Schedule no. 15
Specifications of Hip, Knee, ankle CPM

• Unit should be able to work on adult and pediatric

• Unit should have facility automatically increasing the programmed flexion angle by very

hour up to 5 ° per 24 hour period of time

• Unit should have facility to work more in working ROM mimicking oscillation with hand..

• Unit should accelerate quicker through the non-working ROM

• Unit should have facility that when the patient's threshold for pain is reached, allows the unit to continue working the affected limb but at a reduced flexion angle limit.

• Force Reversal: Safety allowing the therapist to set an amount of passive force without

causing damage to the surgery or unnecessary pain i.e. 16 – 34 kgs

Should have following:

• extension (-10°) to (120°)

• Speed Range : 32 degree min to 145 degree min

Should have automatic pause in between

• **System should be US FDA / european CE certified.**

Schedule no. 16

Shoulder CPM

The Shoulder CPM should have following features:

1) Hand-held pendant
2) Storage card for storing programmed values.
3) Universal left/right design for both arm activity.
4) Anatomically correct adjustment
5) Motor Control: on/off
6) Reverse-on-load — unit should switch to the opposite direction when patient resistance increases the target set value.
7) Patient compliance meter should calculates the cumulative patient use time
8) Warm-up mode — the unit should recognizes the start and stop angles and midpoint. From that point, motion should initiated 3 degrees from all angles until full
9) ROM is achieved.

Pauses: 0-20 seconds

Speed: 0-100%

Timer: 0-250 minutes

10) The Shoulder CPM should allows the following motions of the shoulder joint:

Adduction/Abduction 0°- 30° - 175°

Internal/External Rotation 90°- 0° - 90°

Elevation (Flexion) with 60° - 90° flexion of the elbow 30° - 175°

Ante/Retroversion (horizontal adduction/abduction) set manually 0° - 125°

11) Mains Power: 230V, 50/60 Hz,

The unit should be European CE or US FDA certified.

Schedule no. 17

Ultrasonic Therapy Machine (UST)

1) Ultrasonic Therapy — Digital

2) Pulsed and continuous therapy operation

3) Digital control circuitary / Digital timer 0 to 99 minutes with digital display

4) Output power 15W (Continuous), 21W (Pulsed) or upto 2.5 watts /cm2, which

5) Output frequency 1 MHz

6) Pulse ratio:1:2, 1:4, 1:8, 1:16

7) Pulse frequency 8 Hz, & 16 Hz

8) Display- Seven segment display

9) The unit should be US FDA or European CE approved

Schedule no. 18

Specification for Cryotherapy

• Unit should have chilling coils .

• Unit should be equipped with heavy duty compressor for fast cooling and it should cool faster even if lid will be open frequently.

• Unit must have Closed-cell foam insulation for energy efficiency.

• Should have facility for easy cleaning and defrosting.

• Unit should be made up of stainless steel

• Unit should provide casters facility

• Unit should provide Temperature Range from -12 degree C to –6 degreeC

• Safety Class : Type B

• Safety Tests : Safety Tests: EN 60601-1 should provide certificate.

• Unit should provide with 6 Standard size (28 cm x 36 cm) and 6 Half size (19 cm x 28 cm) coldpacks with non-toxic gel and should be latex free.

It should be USFDA/ European CE certified.

Schedule no. 19

Specifications for Laser Therapy Unit

Laser therapy is used for treatment of pain relief. The laser therapy is more penetrative through the tissue.

Should have microprocessor based with LCD display having control functions like dose meter, treatment timer, tissue depth treatment setting etc. Interchangeable laser probes.

Should have facility of Continuous and pulsed operation
Cluster Probe : with more than 30 Diode Cluster Applicator, with more than 900mW power

Should cover 850nm 670nm and 880nm wavelength.
Digital display of all treatment parameters
Pre-programme treatment protocols
Variable pulse frequency from 3 to 20000Hz

Testeye for testing the power of probe

Set of standard accessories with cover & extra safety goggles

Should be USFDA/ European CE approved.

Schedule no. 20

Short Wave Diathermy (High Power)

1) Shortwave Diathermy Power output 500 W
2) Standard accessories: Pad Electrodes
3) High power medical diathermy incorporating a high power transmitting oscillator valve and solid state rectifier.
4) Cooling fan- available
5) RF power source Vacuum generating valve
6) Output frequency 27.12 MHz
7) Wavelength: 11 meters
8) Operative Voltage : 230 V, AC 50Hz.
9) The unit should be European CE or US FDA certified.

Schedule no. 21

Interferential Current Therapy (IFT)

1) Operating Voltage 220V (AC), 50 Hz
2) Carrier Frequency 4kHz
3) Unique sweep programme
4) Beat Low AMF 0 to 150 Hz
5) Beat high AMF 0 to 100 Hz
6) Therapy Mode: Two pole, Four Pole, Vector 100, Vector 40, Russian
7) Intensity 0 to100 mA
8) Output display moon light graphical LCD
9) Timer Built in, presentable digital timer
10) Dimensions (H*L*W) 9cm*27cm*20cm
11) Weight 1.94 kg with accessories
12) The unit should be European CE or US FDA certified.

Schedule no. 22

Hydro collator or Moist Heat Therapy Unit

1) Minimum Size : L x 12" W x 18" Depth
2) Stainless steel heavy duty gauge tank well insulated, temperature control, auto cut-off, hot packs for back, knees and shoulder, Side hooks for Packs
3) Tap for water drainage
4) Mounted on high quality castor wheels
5) Handles for carrying the unit from one place to another
6) Fitted with 1000 W heating element
7) Tank capcity should be 45 -49 ltr
8) Temp range should be from 72 to 74 deg C
9) Should have additional Thermal cut out at temp 82 to 85 deg C
10) Unit should be European CE or US FDA certified

Schedule no. 23

PARAFFIN WAX BATH

a. Internal wax tank minimum size will be around : 22x16x12 inches.
b. Internal wax tank should be made of stainless steel sheet.
C. The top has a metallic cover and the edges of the bath have a laminated covered wooden rim, all around the top
d. Should have castors for easy mobility.
e. Works on 220V A.C. , provided with one special wax immersion heater and thermostat to control temperature from 0to 100 deg.Cent.
g. Should provide with 10kg wax.

Schedule no. 24

Transcutaneous Electric Nerve Stimulation (TENS)

Output Channel	Min. 4 channel
Input voltage	220v Ac / 50Hz
Intensity	99 mA
Frequency	2, 20,40, 80,120 Hz
Pulse Duration	Normal
Dimension Normal	(245x220x88) (LxWxH) mm
Timer	0 to 99 minutes
Safety	Isolated power output

Various modes, including continuous, burst, pulsed, width and frequency modulation.
Should be portable and light weight.
Should be provided with following accessories:

- 8 rubber electrodes
- 4 output cables
- 8 straps

Unit should be CE certified.

Schedule no. 25

TRACTION (Electronic Traction system for cervical and lumber traction)

a. An accurate and sturdy intermittent traction machine

b. Dimension (L x H x D)	325mm x 290mm x 310mm
c. Weight (approximately)	10-15 kg
d. Operating Voltage	220V AC, 50 Hz
e. Absorption	37 Watts- Max
f. Fuses	500 mA
g. Room temperature	10 degree to 40 degree Celsius
h. Moisture	10% to 80%
i. Treatment Mode	Static/ Intermittent
j. Traction Force	5 to 45 Kg
k. Cervical	5 to 15 Kg
l. Lumbar	23 to 45 kg
m. Hold Time	10,20,40, 60, 80 sec with LED indicator
n. Rest time	1,5,10,15, 20 sec with LED indicator
o. Timer	01 to 99 minutes programmable
p. Patient safety	available

q. Solid moulded aluminium gear box assembly and high power sturdy motor.
r. The treatment time is electronically controlled and displayed digitally.
s. At the end of treatment time the alarm comes up, traction stops automatically and releases the patient.
The unit should be European CE or US FDA certified

Schedule no. 26

Specifications for Portable Combination Therapy

1. A single unit consist of Electrotherapy Current and 1 & 3Mhz Ultrasound .
2.Should have inbuilt Clinical Library for Electro Therapy and Ultrasound Modalities
3. Should have facility to run three treatments simultaneously with individual parameters
4.In combination mode , it should deliver selected current from the ultrasound applicator along with ultrasound waves
5. Equipment should have Graphic LCD screen with minimum of 5.7 inch diagonal length
6. Equipment should have S-D curve facility where all reading should appear in tabulation

Unit should have following minimum current with given specifications of the parameters :
• 4 Pole with Vector
• 2-Pole
• I-Galvanic with frequency upto 100 Hz and width from 0.01 to 300 mSec
• Russian with Ramp ON / OFF
• TENS with selection of Symmetrical and Asymmetrical biphasic output
• Iontophoresis
NMES with Single , Reciprocal and Co-Contraction modes
• Ultrasound Therapy should deliver 1 Mhz or 3 Mhz from the single applicator .
• Ultrasound should have facility to adjust following parameters
Timer……..……..……..1 - 90 min
Duty Cycles : Pulsed…….10%, 20%, 50%

Continuous……..……..100%
Rate ……..…. 16, 48, and 100 Hz
Frequency……1MHz, 3MHz
Intensity ……...0 to 2.5 W/cm2
System should supply with two set of output cable, 4 rubber electrodes, 1 packet of pre-jelled sticking electrode, point electrode.
Should be USFDA/European CE certified.

Schedule no. 27

Specifications for Robo walk Treadmill with reverse belting and safety harness

Speed range of treadmill should be 0 … 20 km/h starting from 0 and should be very smooth
Elevation (inclination) range should be '-20% to +20 %
Running-deck size L: 150 x B: 50cm
allowed weight load on deck:180 kg or more
shock-absorbing system (not too soft for natural running)
Line voltage: 220 … 240 Volts / 50/60 (Hz)
Treadmill must connect to printer without using PC software
for fast documentation of therapy exercise
Speed display resolution 0.1 km/h
Elevation display resolution 0.1 %
Distance display resolution 1 meter
Time display resolution 1 second
MET display resolution 1 MET
Energy consumption display resolution 1 K Cal or 1 K joule
Wattage display resolution 1 Watt
min. 4 user definable profiles (freely programmable)
min. 4 training profiles (already programmed)
min. 4 stress-test profiles
Display of error-codes
min. 2 to 4 acceleration levels (slow and fast increase or decrease of speed)
Treadmill should have long handrails to cover entire treadmill.
Emergency – Stop/Off button (disconnecting power supply)
Should have facility for reverse belting
anti-slip footboard (step-tread) left & right side
3.3 kW (4.5 hp) drive motor
Should supply with a software for remote control, to display all treadmill data and function on PC screen.
Treadmill should have safety arch with chest harness and facility for fall stop. The max body weight for safety arch should be 190 kg.
System should have arm support with width and height adjustment and should fit to any age group.
System should supply with expander with different resistance in front of the treadmill and rear of the treadmill to create resistance and traction of Forces
Expander system should be adjustable in different angle with numeric adjustment record.
Should supply with suitable computer system.
System should be certified with CE0123; guideline 93/42/EEC+GL 2007/47/EC; MDD;
machinery directive 2006/42/EC; DIN EN 60601-1;

Schedule no. 28
Specification for Hemoglobinometer

1. Should be able to measure the Hb using blood from finger prick (Should be based on Azide methohemoglobin method).
2. Should be capable of displaying results within 1 minute
3. Accuracy ± 1 %
4. Disposable cuvettes. Cost of consumables to be quoted along with this tender as it will be considered for financial comparison.
5. Should be portable and should have the battery backup for 8 hours or more with provision of electric operations.
6. Factory calibrated and calibration should be verified automatically time when the instrument is turned on.
7. Should have the memory to store at least 500 results with date and time and should be able to transfer the results to PC.
8. Should be US FDA or European CE class-2A.
9. Should be ISO 13485 approved product.
10. Original literature of equipment should be submitted.
11. Should be able to do turbidity correction by using double wave length method
12. User's list should be attached with satisfactory report for the last three years from three users with contact details.
13. Demonstration for performance of equipment is compulsory in nearby area failing to which will be disqualification.
14. Electrical: The equipment should be able to run on the existing electrical provision

Specification for the consumables for Haemoglobinometer

1. Consumable should be compatible with the above mentioned system
2. System should be calibrated against the reference ICSH. Method
3. Should be able to use venous. Arterial or capillary blood
4. Price of the consumable should be quoted.
5. The system must be US FDA or European CE (class- 2A).

Schedule no. 29

Specifications for Blood Collection Monitor

1. Should have facility to preset total volume of blood to be collected and accordingly monitor and display amount collected. It should have facility to clamp to stop the collection of blood as soon as preset volume is collected and not allow over collection.
2. Battery backup should be > 8 hours with continuous work load(rechargeable battery)
3. Battery charger should be inbuilt
4. Should be portable (Suitable for outdoor blood donation camps).
5. Should have standby / park mode
6. Should be able to operate at 10-50ºC
7. There should be digital display of preset volume, rate of collection and total time taken at the end of collection .
8. Oscillation: 12 ± 2 rpm
9. Should mix the blood with anti – coagulant solution during collection and ensure that only correct amount of blood is collected

10. There Should be Visual display and audible alarm:
    (i) when flow rate goes below 20 ml /min or high flow rate above 180 ml / min
    (ii) at the end of collection
    (iii) when battery low
    (iv) during pause function
    (v) any abnormal condition
11. CE class 2A/FDA/BIS certification specific for the product should be submitted
12. Every Bio-mixer should be provided with carry box with handle
13. Original literature should be submitted
14. Firm should supply the relevant calibration certificate for the equipment from NABL accredited Lab.
15. User's list should be provided with satisfactory report for the last three years from three Licensed Blood Banks with contact details.
16. Original literature of equipment should be submitted.
17. Electrical: The equipment should be able to run on the existing electrical provision.
18. Suitable Automatic Voltage regulator/stabilizer meeting ISI specifications should be supplied. Broad specifications are : Automatic Type Input 150-280V , Output 220 V +/- 7 % , 50 Hz . Single phase , AC with automatic 2-4 sec Cut Off and 6-9 minutes restart delay.. Quick start arrangements for bypassing the start delay. Suitable MCB on input voltmeter and indicators on Front Panel. Input Power Cable with 15 A Plug and six way output terminal strip for two outlets

Accessories :-

- Floor stand
- Satellite Bag Tray
- Transport case with built-in charger
- 500g Calibration weight
- Auto Set cable

Schedule no. 30

Specification for Bench Top Di Electric Tube Sealer (single seal)

1. Should be heavy duty radio frequency sealer.
2. Should be capable of doing 500+ sealing in 8 hrs and should be capable of functioning for minimum 12 hrs nonstop.
3. Should be a compact single unit
4. Should have high frequency sealing with low RF emission
5. There should be automatic detection of the tube by pressing of a lever which activates sensor.
6. Should be able to detect wet tube, leakage and sealing defects. There should be and alarm in case seal is not safe and completed.
7. There should be uniform sealing irrespective of power supply variations.
8. Tube thickness of up to 6 mm of diameter and wall thickness up to 0.75 mm can be sensed and sealed automatically.
9. Should be able to making wide Seal of 2mm thickness.
10. Indication of seal in progress should be there.
11. Sealing time should be less than 2 sec.
12. Separable rupture line to separate tube after sealing.
13. Should ensure safety against electrical shock hazards, fire hazards, and mechanical hazards.
14. There should be no hemolysis of blood in the tube segments
15. No warm-up time should be required

16. Should be able to withstand voltage fluctuation
17. It should be easy to clean.
18. Should have hand grip on top side of the equipment for easy lifting of equipment.
19. Splashguard to protect user from any kind of blood splash during operation.
20. European CE/US-FDA certification specific for the product should be submitted.
21. ISO 13485 certification specific for the product should be submitted
22. Weight of equipment should not exceed 6 Kg.
23. Should be supplied with battery backup of 10 Hr .
24. Original literature of equipment should be submitted.
25. Firm will have to supply the suitable stabilizer with the equipment if it is essential for the performance of the equipment.
26. User's list should be provided with satisfactory report for the last three years from three Licensed Blood Banks with contact details.
27. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 31

Dielectric Tube Sealer, Handheld

Purpose of Equipment:

- Handheld Blood Bag Tube Sealer is a compact handheld equipment to seal the Blood Bag pilot PVC tubing by transient radio frequency heating and sealing, with no haemolysis.

Quality Standard:

- Manufacturing should be compliant with ISO 13485.
- Should be compliant with CE Class IIA and/or US FDA
- Equipment must meet electrical safety specifications of IEC 60601.

Operational requirements:

- Should gently seal tubing with no hemolysis, using radiofrequency heating
- Should be capable of making wide seal of at least 2 mm width.
- Should be rechargeable battery operated compact (less than 3 Kg) hand held type, not bench top type.
- Sealing time should not be >2 sec
- Electrodes should be well protected by a cover to prevent blood splutter.
- Sealing trigger should be automatic (on sensing tube in the slot).
- Should have indicator lamp for sealing process
- No warm up time should be required
- Should have tear-seal feature to make segments that can be easily separated by hand
- No. of seals per charge should be more than 1000 continuous seals from a fully charged battery.
- Charger should be compatible with Input voltage: 240V 50 Hz Single phase Ac

Additional requirements

- All equipment should specify qualifications for design, installation, operation and performance.
- Validation and calibration reports should have traceability to applicable national and international standards.
- Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer and surge protector with the charging set.

- Necessary catalogues, technical write up in English, should be attached with the offer both in hard and electronic copies.
- Demonstration and continued comprehensive training for lab staff and support services till familiarity with the system.
- Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification, thickness, finish etc.
- Should provide a set of equipments for calibration and routine Preventive Maintenance as per manufacturer documentation in service/technical manual.

Schedule no. 32

Specification for Donor Couch

1. Based on haemodynamic principles to allow blood volumes to redistribute
2. Armrest suitable for phlebotomy and better blood flow.
3. Automatic adjustment of arm- rest to adjust seat of length more than 50 cm and width of 15 cm to set the arm position to the donor's comfort
4. Material should be waterproof with rounded borders and easy to clean.
5. The length of the couch should be 200 cm to 215 cm to accommodate all type of donors.
6. Specially designed for comfort of donor and phlebotomist
7. Should be able to accommodate Donor weight capacity of more than 200 Kg.
8. Electronic remote adjustment for height and comfortable sitting position.
9. Provision to shift the donor's position from "head high – foot low" to "foot high- head low" or any position in between
10. Only one button to reach shock position: Head low in case donor reaction.
11. 2/3 motors with separate control through remote for positioning of couch.
12. Electric motor should have limit switch and safety circuit.
13. Central locking with locking lever: Couch should be movable with wheels with locking facility.
14. Seat height adjustable to enable to lower it as low as 50 – 75 cm from the floor level for donor to sit easily.
15. Provision of I.V. stand with provision keeping standard Bio mixer on both sides.
16. Trolley should be provided with each couch for keeping blood collection monitor and other consumables.
17. Good quality Couch covers (two sets) to be provided along with the couches including handles.
18. Original literature of equipment should be submitted.
19. User's list should be attached with satisfactory report for the last there years from three users with contact details.
20. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.
21. Electrical: The equipment should be able to run on the existing electrical provision.
22. Should be European CE class-2A/FDA/BIS certified product.
23. Should be supply with suitable stabilizer with BIS/CE mark.

Accessories:-

24. Dust cover -1
25. Power cable-1
26. Additional arm rest (pair)-01 pair.
27. Remote control-1 No.

Schedule no. 33

Specification for Portable and folding Blood Donor Couches

1. Mobile Foldable designed to fold into a compact
2. Not more than 24”W X 46”L X 8”H
3. Weight should not be more than 20 Kg.
4. Should be easily to clean and maintain
5. Should be in durable tubular aluminum frame
6. Should be able to bear the larger donors weight up to 150 Kg.
7. Should have padded armrest for extra comfort to the donor, adjustable for proper arm placement.
8. Standard Electronic blood collection scale with each couch (Optional)
9. Couch should easily be reclined into a secured shock position
10. Pockets to be provided at the back of each couch for keeping accessories
11. Should be provided with washable linen covers(1 pair) with each couch
12. Should be sturdy and should be able to withstand transportation rigors
13. Should be provided with transportation trolley to hold maximum 5 couches
14. Cost of transportation trolley should be quoted separately
15. Original literature of equipment should be submitted.
16. User’s list should be attached with satisfactory report for the last years from three users with contact details

Schedule no. 34

Specification for domestic refrigerator (300 L)

1. Should be exclusive protected evaporate the risk of ice pick damage
2. Should be Diagnostic circuitry installed with green and red LED indicator
3. Should be Face panel is interchangeable
4. Should have Recessed handle providing a small, sleek surface
5. Should have Full width freezer compartment
6. Should have adjustable shelves and racks
7. Should be CFC free and environmental friendly
8. Should be stainless steel fittings
9. Electrical: 220 volt, 50Hz.
10. Should be ISO 13485 approved product.

Schedule no. 35

Specification for Blood Bag Tubing Stripper

1. Should have completely anti-rust, stainless steel body.
2. Should be light weight.
3. Should ensure the uniform pressure while pressing to close and automatic recoiling of spring to release handle for opening.
4. Should have Screw- less rollers to avoid loosening of the rollers.
5. Should have extra sharp cutting edges.
6. Should behave ergonomically designed handle for better grip.
7. Should have roller guide to avoid any damage of tube.
8. Should have provision for manual tube sealing by aluminum rings.
9. Original literature of equipment should be submitted.
10. Should be ISO 13485 approved product.
11. User's list should be attached with satisfactory report the last three years from three users with contact details.

Schedule no. 36
Specifications for Refrigerated Blood Bag Centrifuge for Marking Blood Components

1. **Design:**

   Stable, sturdy all- steel design with stainless steel rotor chamber easy to clean/ corrosion resistant paintings & provision of both drain and condense water collection.

2. **Max. rcf:**

   6000 x g to 6400 x g

3. **Max. speed:**

   At least 4,000 rpm to 4500 rpm

4. Max. volume:

Should be able to accommodate twelve 350ml 450ml single, double, triple, quadruple, quintuple blood bags with SAGM bag and empty satellite bags with 'In Line filter system'

5. Drive unit:

Maintenance free induction drive

6. Operation:

(i) Should have 25-30 programming of all parameters,

(ii) Should have digital display

7. Programme:

Should be tamper proof

8. Safety of operation:

Lid-lock and interlock, imbalance display and cutout, steel-armored chamber, protection of overheating of rotor and compressor should conform with European CE/ US-FDA certification specific for the safety issues should be submitted.

9. Protection of data:

In event of power interruption or complete failure, data should remain stored for 2-3 weeks.

10. Documentation:

Should have software which should be compatible with hospital information system of respective AIIMS and /or Blood Bank software any interfacing required must be provided by the firm.

11. User-friendly handling:

The equipment should be movable on castor wheels however it should have facility to be placed on four solid feet. There should be no need for ground fixing. Digital display should have keys for controlling for immediate access. The machine should be equipped with and automatic lid lock.

12. Digital Display and adjustment parameters should Include:

(a) Acceleration : Different acceleration profiles

(b) Deceleration : Different deceleration profiles

(c) RCF value : 4 digit, should be adjustable

(d) Speed : 4digit, should be adjustable

(e) Centrifugal : Format should be as hour and minutes

(f) Programme number : Multiple programmes

(g) Temperature control : Adjustable in1˚C intervals

(h) Temp. range : 4º to +22ºC

(i) Min. temp. at max. rcf : 4ºC

(j) Error message : Programme error, imbalance, lid open or any other error.

- Speed variation: microprocessor controlled rotor speed to within 10 rpm of set value. (Certificate should be submitted by NABL calibration lab)
- Temperature control Microprocessor controlled rotor temperature within 1°C of set temperature regardless of centrifuge speed.(Certificate should be submitted NABL calibration lab)

13. Refrigerant:

CFC- free

14. Warm air Outlet:

From sides and rear of the Machine

Should be supplied with following Standard Accessories:

1. Swing-out rotor with shield, should be able to accommodate twelve 350ml and 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system

2. 6 buckets (one bucket for 2 blood bags) for centrifuging 12 units of bags.

3. Removable Plastic inserts, for centrifuging twelve 350ml and 450ml single, double, triple, quadruple/quintuple blood bag system with SAGM bag and empty satellite bags with In Line filter system for preparing blood components like Red Blood Cells,

Plasma/FFP/Platelets concentrate and Cryoprecipitate. One extra set of above plastic inserts will have to be provided by the firm.

4. Should be provided with balancing weights and balancing plates

5. Should be provided with Hook adapter to spin small volume of Cord Blood and Buffy coat.

6. Operation and Maintenance manual should be provided in original

7. Firm will have to supply the stabilizer with the equipment.

CE/FDA/ BIS certification specific for the product should be submitted.

Noise Level should be less than 58 Db

Firm should supply the relevant calibration certificate for the equipment from NABL accredited Lab.

User's list should be provided with satisfactory report for the last three years from three Licensed Blood Banks with contact details.

Original literature of equipment should be submitted.

Demonstration of performance of equipment compulsory in nearby area failing to which will be disqualification.
Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 37
Specifications for Electronic Double Pan Component Balance

1. Should be two pan balance
2. Should have digital display of weight and other parameters
3. Accuracy ± 2 grams
4. Should have two independent weight sensors, which display individual weight of each bucket with accuracy

5. It should have individual display monitor to display the weight of each bucket with blood bags
6. Visual or audio alarm should get on as soon as the two plates get balanced
7. Weight Measurement: Should be able to measure weight till 3 Kg.
8. Should be appropriate to weigh and balance blood holding baskets of standard size
9. Weight of balance should not be more than 5 Kg.
10. Original literature of equipment should be submitted.
11. User's list should be provided with satisfactory report for the last three years from three Licensed Blood Banks with details.
12. CE/FDA/ BIS certification specific for the product should be submitted.
13. Firm will have to supply the stabilizer if required along with the equipment free of cost
14. Firm should also provide the relevant calibration certificate for the equipment from any NABL accredited Lab.
15. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.
16. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 38
Specification for Manual Plasma Extractor

1. Should be suitable to manually express blood components (Plasma, Platelets) from collection blood bags.
2. Front panel should be spring loaded to apply uniform pressure on container causing transfer of fluid.
3. Compression plate should be made of durable transparent acrylic
4. Metal used for the apparatus should be non-corrosive and can be cleaned with antiseptics
5. Base portion and vertical surface should be made to have better strength and long lasting performance
6. Certification: Product certification: CE class IIA or US FDA certified

Quality certification: ISO 13485 certified

7. User's list should be attached with satisfactory report for the last three years from three users with contact details.

8. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

Schedule no. 39

Specifications for Vertical Blood Bank Refrigerator

1. Storage Capacity: Should be at least 600 Liters capacity and should be able to accommodate minimum 300 double bags of 500 ml capacity
2. Set temperature 4ºC with temperature range 2ºC to 6ºC and adjustable with setting accuracy of ± 0.5ºC
3. Refrigeration: Non-CFC cooled refrigeration
4. Should have good insulation to maintain required temperature
5. Should have double walled glass door.
6. Microprocessor based temperature controller with integrated audiovisual temperature and power alarm function with digital monitoring display.
7. Safety features: Audio alarm for all the following parameters should be there: temperature fluctuation & power failure, set point alarm, low alarm point, Door opening audio and visual display alarm.
8. Safety thermostat to avoid negative temperatures.
9. Should have battery backup for temperature and power alarm.
10. Should have seven days graphic temperature recorder along with data logging device.
11. Internal temperature hold over time in case of power failure should be at least 1.5 hours.
12. Should have fluorescent light inside the Blood Bank Refrigerator with On/ Off switch
13. Should have castor wheels with locking facility

14. Original literature of equipment should be submitted.

15. European CE/US-FDA or WHOGMP certification specific for the product should be submitted.

16. Should be ISO 13485 approved product.

17. Firm should supply the relevant calibration certificate for the equipment from NABL accredited Lab.

18. User's list should be provided with satisfactory report for the last three years from three Licensed Blood Banks with contact details.

19. Firm should supply the temperature recorder chart paper for five years. The cost of the temperature recorder chart paper will be included in the total cost of the equipment financial comparison.

20. Firm will have to supply the stabilizer if required along with the equipment free of cost

21. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

22. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 40

Specification for -40ºC Deep Freezer (Vertical Model)

1. Should be suitable for storage of FFP/ plasma / cryoprecipitate in blood banks.
2. Operating temperature rate should be from -20ºC to -40ºC at ambient
3. Upright model with internal capacity 500 to 600 liters.
4. Solid outer cabinet of painted steel to prevent corrosion, Inner cabinet of stainless steel.
5. Separate inner doors to prevent temperature loss.
6. System should have 4-6 inner shelves of stainless steel
7. Microprocessor control for operation with integrated audio/visual temperature alarm function with digital monitoring display.

8. Minimum four hours battery backup for temperature display.

9. System four inbuilt features to identify any temperature deviation beyond set point.

10. Should be provided with data logger device

11. System should have operating temperature & high/ low limit alarm functions with set point adjustable in steps of 1ºC.

12. System should have CFC free refrigerants.

13. Should be European CE Class-2A/ US-FDA approved product.

14. Should be ISO 13485 approved product.

15. System should have automatic voltage boost compensations for low voltage conditions.

16. System should have safety alarms with automatic, continuous charged battery back up to provide alarm functions even in case of power failure.

17. System should have appropriate insulation to maintain temperature

18. System should have double seal lid gasket to minimize frost build up

19. System should have minimum vibrations, and noise level should not exceed 60db

20. Heating device on frame to avoid condensation or automated defrost will be an added advantage.

21. System should have 7 days temperature recorder

22. The firm will have to supply 300 temperature recorder chart papers, free chart should be provided for the period of warranty , along with the equipment free of cost.

23. Should have castor wheels with locking facility

24. Firm will have to supply the stabilizer if required along with the equipment free of cost

25. Original literature of equipment should be submitted.

26. Firm should also provide the relevant temperature calibration certificate for the equipment from any NABL accredited Lab.

27. User's list should be attached with satisfactory report for the last three years from three licensed blood banks with contact details.

28. Deleted

29. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 41

Specification for (-80ºC) Deep Freezer (Vertical Model)

1. Should be suitable for blood / plasma storage in blood banks.
2. Operating temperature range should be from 50ºC TO -86ºC at ambient temperature and adjustable with setting accuracy of ± 1ºC.
3. Vertical model with internal capacity 500 to 600 liters.
4. Solid outer cabinet of painted steel to prevent steel to prevent corrosion. Inner cabinet of stainless steel.
5. Separate inner doors to prevent cold loss.
6. System should have 5-6 inner shelves of stainless steel
7. Should have microprocessor control for operation with integrated audio/visual temperature alarm function with digital monitoring display.
8. Should have minimum four hours battery backup for temperature display.
9. System should have inbuilt features to identify any temperature deviation beyond alarm set point. System should have key operated switch for main power and alarm system.
10. System should have operating temperature & high / low limit alarm functions with set point adjustable in steps of 1ºC.
11. System should have CFC free refrigerants.
12. Should be FDA approved or European CE
13. System should have washable condenser filter to maintain peak cooling efficiency. System should have automatic voltage boost compensations for low voltage conditions.
14. System should have adjustable safety alarms with automatic, continuous charged battery back up to provide alarm functions even in case of power failure.

15. System should have appropriate polyurethane insulation

16. System should have double seal lid gasket to minimize frost build up

17. System should have minimum noise and vibration.

18. Should have heating device on frame to avoid condensation or automated defrost will be an added advantage.

19. System should have 7 days temperature recorder, provision port for CO_2 back-up systems.

20. Option for duct from equipment to connect to common main duct to throw hot air out of the room.

21. Should be supply with USB port.

22. The firm will have to supply 300 temperature recorder is not inkless along with the equipment free of cost.

23. Should have castor wheels with locking facility

24. Firm will have to supply the stabilizer if required along with the equipment free of cost

25. Original literature of equipment should be submitted.

26. Firm should also provide the relevant temperature calibration certificate for the equipment from any NABL accredited Lab.

27. User's list should be attached with satisfactory report for the last three years from three licensed blood banks with contact details.

28. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

29. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 42

Specification for Platelet Incubator with inbuilt Agitator

1. Platelet incubator should have the provision to store 96-platelet bags agitator.

2. Should have transparent outer door for clear visibility.

3. Should have micro processor controlled LCD display temperature graph display

4. Should have automated high/low alarm with alarm testing.

5. Should have independent temperature controller.

6. Should have 7 days inkless chart recorder with battery back up to one hour for continuous operation during power failure , should be supply with USB port.

7. The firm will have to supply 300 temperature recorder chart papers and 10 ink pens (if the temperature recorder is not inkless) along with the equipment free of cost.

8. Should be able to maintain a temperature of 22°C with ±1degree variation.

9. Should have digital temperature indicator cum controller

10. Should have forced air circulation for uniformity of temperature all over the incubator.

11. Inner chamber should be made of stain less steel and outer cabinet made of MS sheet powder coated.

Platelet Agitator

12. Should be able to store minimum 96 random bags or aphaeresis bags of different sizes with gentle side-to-side agitation at 3.6 to 4cm, motion of 60-70 strokes per minute.

13. Graphical display of agitation speed of the agitator

Shelves:

14. Should be made of good quality,

15. Coated with bacteria resistant material,

16. Perforated so that air circulation on both side of bags

17. Should be made of 'non slip' material

19. Removable shelves.

20. Should have noiseless heavy-duty ball bearing gear motor, which should continuously operate for 24 hours.

21. Should have built in motion alarm for unplanned ceased agitation. Should be FDA approved or European CE

22. Firm will have to supply the stabilizer if required along with the equipment free of cost

23. Original literature of equipment should be submitted.

24. Firm should also provide the relevant temperature calibration certificate for the equipment from any NABL accredited Lab.

25. User's list should be attached with satisfactory report for the last three years from three licensed blood banks with contact details.

26. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

28. Electrical: The equipment should he able to run on the existing electrical provision

Schedule no. 43

Specifications for Vertical Reagent Refrigerator

1.Storage Capacity: Should be at least 600 Liters capacity

2.Set temperature 4ºC with temperature range 2ºC to 6ºC and adjustable with setting accuracy of ±0.5ºC

3.Refrigeration: Non- CFC cooled refrigeration

4.Should have good insulation to maintain required temperature

5.Should have good metallic door

6.Microprocessor based temperature controller with integrated audiovisual temperature and power alarm function with digital monitoring display.

7.Safety features: Audio alarm for all the following parameters should be there: temperature fluctuation & power failure, set point alarm, low alarm point, Door opening audio and visual display alarm.

8.Safety thermostat to avoid negative temperatures.

9.Should have battery back up for temperature display and power alarm.

10. Interval temperature hold over time in case of power failure should be at least 1.5 hours.

11. Should have castor wheels with locking facility

12. Original literature of equipment should be submitted.

13. European CE/ US-FDA certification specific for the product should be submitted.

14. Should be ISO 13485 approved product.

15. Firm should supply the relevant calibration certificate for the equipment from NABL accredited Lab.

16. User's list should be provided with satisfactory report for the last years from three Licensed Blood Banks with contact details.

17. Firm will have to supply the stabilizer if required along with the equipment free of cost.

18. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

19. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 44

Blood Bank Cryo-Bath

Purpose:

The Cryo Bath is designed for rapid and uniform thawing of fresh frozen plasma bags at 4 ºC +/- 0.2 ºC such that the cryoprecipitate remains solid, and a cryosupernatant liquid is formed that can be transferred out of the bag in order to manufacture cryoprecipitate units.

Operational Requirements:

- Floor standing system, mounted on lockable castors.
- Should be having capacity of 12-18 bags per run for one cycle.
- Should be able to thaw ten to twelve plasma units (FFP ~200-300 ml) at a time.
- Should have Stainless Steel Tank of 22G, and an insulated lid covered with 20G Stainless Steel.
- Should be fitted with compartments that have removable rack/tray system for securely holding the plasma bags and ensuring that entry ports are not contaminated with water.
- Should be a microprocessor controlled water bath based system operating at a temperature at 4 ºC +/- 0.2 ºC or alternative can also be safely set at 37 ºC +/- 0.2 ºC.
- Digital, electronic system with provision for programmable temperature adjustment setting with LED display with temperature resolution of 0.1 ºC
- Programmable temperature range covers 3-45 ºC.
- Should not take more than 2 hours at full loads to thaw the plasma into cryosupernatant.
- Should have a deep thawing chamber with a stirrer for water circulation & gentle rocking for uniform heating
- Should have a system to drain the chamber without lifting or tilting, and should be fitted with a shut off valve.
- The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90% without getting rusted.
- Compatible with Input voltage: 240V 50 Hz Single phase Ac
- Should have an integrated voltage stabilizer or external servo stabilizer of appropriate ratings meeting ISI Specifications (Input 160-260 V and output 220-240 V and 50 Hz).
- Resettable overcurrent breaker shall be fitted for protection

Quality standards

- Manufacturing should be compliant with ISO 13485 .

- Should be compliant with CE Class IIA or US FDA
- Equipment must meet electrical safety specifications of IEC 61010-1

Additional requirements

- All equipment should specify qualifications for design, installation, operation and performance.
- Validation and calibration reports should have traceability to applicable national and international standards.
- Complete with comprehensive set of spare parts, and a suitable capacity voltage stabilizer and Suitable UPS with maintenance free batteries for minimum one-hour back-up for each equipment should be supplied with the system.
- The make, rating, model, description, specifications, price quantity of each item should be furnished separately.
- Necessary catalogues, technical write up in English, should be attached with the offer both in hard and electronic copies.
- Performance, efficiency, other factors as applicable should be furnished.
- Demonstration and continued comprehensive training for lab staff and support services till familiarity with the system.
- Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification, thickness, finish etc.
- Should provide a set of equipments for providing calibration (eg thermometer) and routine Preventive Maintenance as per manufacturer documentation in service/technical manual.
- Should provide Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Schedule no. 45

Specification for Sterile connecting Device

1. Should accommodate and weld all types of blood bags tubing in use in our country
2. The welding should be seamless
3. Should be capable of joining wet-wet/wet-dry/dry-dry tubes.
4. Welding should not affect the quality of the tube in terms of its physical and chemical properties and it should not cause hemolysis.
5. It should have LED indicators to display the actual status of the ongoing procedural steps and audio- visual alarm system for any functional irregularities.
6. Requirement for tube length to be welding/docking should be as small as possible
7. The welding accessories should be available with the local agent throughout year.
8. The consumable wafers cost per 100 pieces will be taken into account during price evaluation.
9. Certifications:
    - CE class II A or US FDA certified
    - Quality certifications: ISO 13485 certified
10. Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.
11. Original literature of equipment and consumables should be submitted.
12. User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.
13. Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.
14. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 46

Specification for Laminar Air–Flow Bench (Bio- Safety Cabinet)

1. Floor model, horizontal flow, well lighted, work space, low vibration and noise. Easy to maneuver due to caster wheel provision. Overall dimension of workspace should be approximately 1200mm x 600mm x 600mm

2. Construction:

a) Cabinet: Stainless steel sheet of 20 SWG lining

b) Front panels: Removable transparent scratch resistance sheet of approximately 6 mm thickness

c) Side Panels: Fixed transparent scratch resistant sheet of approximately 6 mm thickness.

3. Firm will have to supply the stabilizer with the equipment if required.

4. User's list should be provided with satisfactory report for the last three years form three Licensed Blood Banks with contact details.

5. Demonstration of performance of equipment is compulsory in nearby area failing which the firm will not be considered for technical evaluation.

6. Up time & penalty for delays in repair & maintenance: The firm will ensure uptime of 345 days in a year during warranty period & CMC period for both equipment and stabilizer (if supplied)

Whenever there is breakdown the firm will carry out the repair within 48 hours of receipt of such information (either by telephone or by any other means)

If there is delay beyond 48 hours then the firm will be penalized at the rate of 1% of the cost of product per day.

This financial penalty can be waived off on recommendation of the user dept. if the reasons of delay are genuine the same are recorded & endorsed by the concerned dept.

If the down time is exceeded in a year from 20 days then the warranty shall stand extended by double the no. of days machine was out of order.

7. Information regarding merger/acquisition/takeover or any change in the production should be submitted at the time of tender by the principal firm. In such case it should be specified who will provide the after sale service, CMC, supply of spare parts etc. failing which the firm shall not be considered for technical evaluation.

8. Electrical: 230 volts 50 Hz, Single Phase

Schedule no. 47

Specification for Table Top Centrifuge with Swing out Rotor

1. Speed: 300-5000 rpm with increment of 10
2. Max RCF: 2000 x g or more
3. Automatic Rotor Recognition
4. Timer: 0 to 60 min, continuous operation
5. Drive system: Brush less induction drive
6. Noise level at max speed should be less than 60db
7. System should have safety features like lid lock and interlock
8. System should have microprocessor controlled pre-selection and display of speed and time, quick run
9. Centrifuge should be FDA approved or European CE
10. Braking time should be less than 45 sec.

The centrifuge should be provided with the following accessories

Swing out rotor:

11. Speed : 300-4000 rpm
12. RCF: 2000x g or more
13. Capacity: should be able to centrifuge 16 tubes of 12x100 mm and 12x75mm size and other big size tubes
14. Rotor head should be available with the firm for immediate replacement
15. Price of the spares should be quoted

16. Firm will have to supply the stabilizer with the equipment if required.

17. Firm will have to supply suitable table for keeping the centrifuge, made of stainless steel (powder coated) of good stability

18. CE/FDAcertification specific for the product should be submitted.

19. Noise Level should be less than 58 dB

20. Firm should supply the relevant calibration certificate for the equipment from NABL accredited Lab.

21. User's list should be provided with satisfactory report for the last three years form three Licensed Blood Banks with contact details.

22. Demonstration of performance of equipment is compulsory in nearby area which the firm will not be considered for technical evaluation.

23. Warranty: Comprehensive warranty for 5 years from the date of installation without any exclusion for both equipment and stabilizer (if supplied) + Next 5 years comprehensive maintenance contract without any exclusion for both equipment and stabilizer (if supplied). The cost of warranty and CMC will be included in the total cost of the equipment for financial comparison

24. Electrical: 230 volts 50 Hz. Single Phase

Schedule no. 48

Specification for ELISA Reader & washer

1. Should have reading capability of 1 to 96 wells individually.
2. Should have a linear measurement range of 0 to 3.000Abs.
3. Should have wavelength range from 340 to 750nm.
4. Should have a photometric accuracy of ± 2% or better.
5. Should have a resolution of 0.001Abs.
6. Should have variable speed plate shaking capability.

7. Should have easy access 8 position filter wheel

8. Machine should be supplied with 6 standard filters.

9. Should have automatic filter selection.

10. Should have automatic calibration before each reading.

11. Should have at least 6 second reading speed.

12. Should have facility for storage of calibration curves.

13. Should have different types of blanking facility like air wise and well wise.

14. Should be capable of reading U.V and flat type wells

15. Should be capable of reading 8 or 12 well strip plates.

16. Should use halogen light source and two spare bulbs should be provided.

17. Should have internal thermal printer and 5 rolls of thermal should be supplied along with the unit.

18. Should have external printer connectivity option.

19. Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.

20. Original literature of equipment and consumables should be submitted.

21. User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.

22. Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.

23. Centrifuge should be FDA approved or European CE

24. Electrical: The equipment should be able to run on the existing electrical provision

B) **ELISA Plate Washer**

1. Should have capability to wash flat, U or V bottomed micro plates or 8 or 12 well strip plates.

2. Should have 8 or 12 way manifold.

3. Should have 25 wash program memory or more.
4. Should have programmable washing time, volume and soaking time.
5. Should have minimum 6 wash cycles.
6. Should have continuous operating cycle.
7. Should have residual volume less than 2µl.
8. Should have removable and autoclavable plate carrier.
9. Should have in-built vacuum and dispensing pumps to ensure accurate and quite washing.
10. Should have waste bottle with full bottle alarm or sufficient mechanism to avoid spillage and damage to equipment
11. Should work with input 200 to 240Vac 50 Hz supply.
12. Should have safety certificate from a competent authority European CE / FDA (US) / STQC CB
13. Certificate / STQC S certificate or valid detailed electrical and functional safety test.
14. Report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
15. Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.
16. Original literature of equipment and consumables should be submitted.
17. User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.
18. Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.
19. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 49

Centrifuge for Gel Cassettes & incubator for gel-cassette

- Detailed specification of the gel card centrifuge is as follows

Purpose of Equipment:

- Immunohematologic Gel-microcolum-Card-centrifuge to perform manual centrifugation step for Blood Grouping, Cross Matching, antibody screening or identification or phenotyping by coombs and enzyme phase by gel microcolumn technique to detect both IgG & IgM antibodies, and also potentially usable for C3d, Partial/weak D, Single Rare antigens, PNH, Heparin/PF4 Ab Test (HIT), Syphilis antibody test etc.

- Must be designed specifically for blood bank use. Commercial or modified commercial centrifuges for other purpose are not acceptable.

Quality Standard:

- Manufacturing should be compliant with ISO 13485, and ISO 9001:2008.

- Should be compliant with CE according to IVD Directive 98/79/EC or US FDA for this specific purpose.

- Equipment must be certified for electrical safety specifications of 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"

Capacity, Construction and Functioning

- Centrifuge head should have minimum 12 slots to accommodate 12 of corresponding manufacturer's immunohematologic Gel microcolum cards. (Cards should have a V shaped bottom and the slot should have the correspoding shape)

- Swing out suspensions for Gelcard slots

- Aerodynamic compact construction with vibration free performance; Noise level should be less than 60dB.

Lid:

- The lid of the centrifuge should be transparent and should have auto-locking during spinning.

Electrical characteristics:

- Must be compatible with Input voltage: 220/240V 50/60 Hz Ac
- Should have an integrated voltage stabilizer or should come with external stabilizer.
- Microprocessor controlled programming with LCD screen displaying Rpm or RCF, time and other functions should be displayed real time.

Additional requirements

- All equipment should specify qualifications for design, installation, operation and performance.
- Validation and calibration reports should have traceability to applicable national and international standards.
- Complete with comprehensive set of spare parts, and a suitable capacity voltage stabilizer and Suitable UPS with maintenance free batteries for minimum one-hour back-up for each equipment should be supplied with the system.
    - Necessary catalogues, technical write up in English, should be attached with the offer both in hard and electronic copies.
    - Performance, efficiency, other factors as applicable should be furnished.
    - Demonstration and continued comprehensive training for lab staff and support services till familiarity with the system.
    - Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification, thickness, finish etc.
    - Should provide a set of equipments for calibration (eg tachometer) and routine Preventive Maintenance as per manufacturer documentation in service/technical manual.
    - Should provide Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

- Cards should have a V shaped bottom
- The following variety of cards should be available:
- AHG- impregnated
- Neutral cards
- Specific Antibody cards for phenotyping
- Should have European CE IVD or US-FDA approval

Specification for cross matching gel cassettes/cards

1. Should be based on Gel Technology
2. Cassettes / cards should have pre filled reagents for performing cross matching
3. Firm should also supply other reagents and chemicals to be used in performing
4. Cross matching and other tests
5. Same firm should also supply the suitable centrifuge and incubator to perform the test

Incubator for Gel Cassettes

20. Should maintain temperature at 37ºC

21. Specifically designed for incubating cassettes / cards

22. Should have capacity to incubate 20 or more cassettes

23. Digital display of temperature

24. Electrical : 220 volts, 50 Hz

Schedule no. 50

Incubator

1. The incubator should be suitable for incubation of ELISA plates of TTI markers
2. Dimensions should be approximately 355 x 355 x 355 mm

3. Should be sturdy, double walled construction with complete inner chamber made of Anodized Aluminum or Highly Polished Stainless Steel.

4. Gap between the walls should be filled with special grade insulation material for proper insulation and to avoid heat losses.

5. Should have inner chamber fabricated with ribs for adjusting shelves to convenient height.

6. Should be supplied with 2 or 3 removable shelves.

7. Heating element should be placed at the bottom and side ribs for uniform temperature all over the space.

8. Should have the temperature control by thermostat from 20ºC above ambient to 50ºC ±0.5ºC. Temperature control knob should be graduated in degrees centigrade.

9. Should be provided with Air ventilators port on sides at top for ventilate fumes & to assist convection process.

10. The equipment should be provided with a panel having a thermostat control knob, ON/ OFF switch and indicator light.

11. Firm should also provide the relevant temperature calibration certificate for the equipment from any NABL accredited Lab.

12. Should be supplied with cord and plug. Suitable to operate on 220 V single phase, 50 Hz, AC supply.

13. Original literature of equipment and consumables should be submitted.

14. User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.

15. Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.

16. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 51

Specification for Hot Air Oven

1. (BIS approved product)
2. Should be made of double walled.
3. Inner and outer chamber should be made of steel.
4. Heating element placed at the bottom and both side ribs for uniform temperature all over the space.
5. Temperature knob should be graduated in centigrade degree.
6. 2 or 3 removable shelves.
7. Dimension (Approximately): 600 mm x 600 mm x 600mm (W x H x D).
8. Maximum temperature should be up to 200ºC
9. Air Circulating fan.
10. Digital display temperature indicator.
11. User's list should be attached with satisfactory report for the last three years from three users with contact details.
12. Demonstration of performance of equipment is compulsory in nearby area failing to which will be a disqualification.
13. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 52

Specification for VDRL Shaker

1. Body should be made of thick steel and finished with powder coating.
2. Should have rotation in horizontal plane.
3. Platform size should be minimum 12" x 12" for keeping reaction trays.
4. Should have Digital display with digital countdown timer of minimum 0- 15 minutes time.

5. Should have built in speed regulator with maximum speed upto 250 rpm.
6. Workable on 220- 240 volts AC supply, 50 Hz Single phase.
7. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.
8. Warranty: Deleted
9. Electrical: The equipment should be able to run on the existing electrical provision

Should be BIS/CE/FDA approved product.

Schedule no. 53

Specification for Water Bath

1. Dimensions (external) 40 cm x 40 cm x 20hcm (Approx.)
2. Dimensions (internal) 30 cm x 30 cm x 15hcm (Approx.)
3. Double wall Insulated metal body
4. Temperature range 37ºC -100ºC
5. Digital temperature control and Display
6. Temperature precision 0.1ºC
7. Should have provision to maintain uniformity of temperature
8. Should have the provision to incubate racks of all size of test tubes
9. Illuminated On switch
10. Indicator light showing heating element operation
11. Temperature control
12. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.
13. Electrical: The equipment should be able to run on the existing electrical provision

14. Should be BIS/CE/FDA approved product.

Schedule no. 54

Specifications for Electronic Analytical Balance

1. Electronic balance with transparent case.
2. Digital display of weight and other parameters should be there.
3. Readability 1 mg
4. Capacity 1 mg – 100g
5. Accuracy ±1 mg
6. Stabilization time less than 10 Sec
7. Should have facility for automatic calibration.
8. Original literature should be attached
9. User's list should be attached with satisfactory report for the last three years from three users with contact details.
10. Firm should supply the relevant calibration certificate for the equipment from NABL accredited Lab.
11. Firm will have to supply the stabilizer if required along with the equipment free of cost
12. Original literature of equipment should be submitted.
13. Firm should also provide the relevant temperature calibration certificate for the equipment from any NABL accredited Lab.
14. User's list should be attached with satisfactory report for the last three years from three users with contact details.
15. Deleted
16. Electrical: The equipment should be able to run on the existing electrical provision.

Product should be CE/FDA/BIS approved.

Schedule no. 55

Specification for Ph Meter

1. Microprocessor based for fast and accurate pH measurement with soft touch control panel (3 point)
2. pH range (0 – 14)
3. Auto-calibration with 2 buffers
4. Built-in-Auto buffer recognition
5. pH and Temperature display
6. Refillable Triode 3-in-1 epoxy body combination pH electrode
7. Power 220-240 V: 50/60 Hz, Automatic temperature
8. Compensation (0-100C)
9. CE, ISO 9001, ISO 13485 Marked or equivalent marked.
10. Standard buffers 4,7,10 pH 250 ml each
11. Electrode 1 set Extra
12. Original literature should be attached
13. User's list with satisfactory report should be attached
14. Firm will have to supply the stabilizer if required along with the equipment free of cost.
15. Original literature of equipment should be submitted.
16. User's list should be attached with satisfactory report for the last three years from three users with contact details.
17. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.
18. Deleted

19. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 56

Specification for fully automated three part differential haematology analyser

1. Should be a fully automated hematology analyzer providing 18 parameters including a 3-part differential, with user definable settings for RDW – CV or RDW – SD.

2. The system should give the Differential count as Lymphocytes, Mid population & Neutrophils While Mid population should include Eosinophils, Basophils and Monocytes.

3. The system should be capable of processing samples at a speed of 60samples/hour.

4. The system should be Sample Rotary Value (SRV) based for the precise sample aliquoting for dilutions.

5. The system should have large LCD display to have a review of all the results along with the three histograms of WBC, RBC and PLT on the screen.

6. The system should have around 200 samples test result memory.

7. The system should have autoprobe wiper to clean the sample probe automatically after sample aspiration.

8. The system should use non-cyanide based reagent for Hb estimation.

9. The system should have an option to print the results with or without histograms also with the option to print only basic 8 parameters.

10. The system should use the proven and approved "volumetric Metering" system of cell counting, for WBC's, RBC's & PLT's for high precision of the results and stability of the calibration.

11. The system should have a system of count and aperture monitoring every 0.5 sec for precision and reliability of the counts.

12. The system should have automatic floating thresholds for the correct separation of RBC's and PLT's during overlap in cases of Microcytosis / large platelet.

13. The system should also have additional facility for manual discrimination in order to process veterinary sample.

14. System should not require any daily maintenance except daily shutdown.

15. The system should automatically give an alarm to the operator for doing the maintenance.

16. The system should use high intensity LED for Hb estimation and not the lamp.

17. The system should be open and reagent from other company can also be used

18. All reagents required should be available locally from the Company or its authorized distributor. Cost of consumables shall be considered in financial comparison. Control samples for one year to be supplied free of cost.

19. Firm will have to supply the UPS with 30 min back up along with the equipment free of cost

20. User's list should be attached with satisfactory report for the last three years from three users with contact details.

21. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

22. Up time & penalty for delays in repair & maintenance: The firm will ensure uptime of 345 days in a year during warranty period & CMC period of both equipment as well as UPS.

Whenever there is breakdown the firm will carry out the repair within 48 hours of receipt of such information (either by telephone or by any other means)

If there is delay beyond 48 hours then the firm will be penalized at the rate of 1% of the cost of product per day.

This financial penalty can be waived off on recommendation of the user dept. if the reasons of delay are genuine the same are recorded & endorsed by the concerned dept.

If the down time is exceeded in a year from 20 days then the warranty shall stand extended by double the number of days machine was out of order.

23. Information regarding merger/acquisition/takeover or any change in the production should be submitted at the time of tender by the principal firm. In such case it should be specified who will

provide the after sale service, CMC, supply of spare parts etc. failing which the firm shall not be considered for technical evaluation.

24. Warranty: 5 years warranty without any exclusion from the date of installation for equipment and UPS (including battery) + 5 years comprehensive maintenance contract without any exclusion for both equipment and UPS (including battery). The cost of warranty and CMC will be included in total cost of the equipment for financial comparison

25. Electrical: The equipment should be able to run on the existing electrical provision

Schedule no. 57

Technical specifications of a Micropipette set (2ul-1000ul)

A) Variable Volume

Range 0.1 to 2 ul, 0.5 to 10 ul, 10-100 ul, 100-1000 ul, 500-5000 ul,(ONE Each)

2-20 ul, 20-200 ul or 30-300 ul (3 each)

Volume setting with click stop

Robust design

Tip ejector allows convenient one handed operation

Finger support keeps the pipette in place with minimum user effort.

Digital display clearly reads volume setting.

Ejector collar and tip cone can be removed for easy cleaning and maintenance.

Schedule no. 58

Technical specifications of a fixed volume micropipette set.

Volume 5ul;10ul;50ul;50ul;100ul;500ul:one each

Schedule no. 59

Specification for Binocular Microscope

Optical system:

- Infinitely corrected optics par focal, plan achromatic lenses with anti fungal properties.

Illumination:

- Built in transmitted Koehler illumination.
- 6 V, 20 to 30 W halogen bulb
- 220-240V 0.85/0.45A 50Hz.

Focusing

- Stage height movement by roller guide (rock & pinion)
- Upper limit stopper
- Tension adjustable on coarse focus adjustment knob

Revolving nosepiece

- Quintuple with inward tilt

Observation tube:

- Tube Infection -30-45°.
- Interpupillary distance adjustment range- minimum 50 to 70mm.

Stage:

- Movement range -76 mm X-direction X 50mm Y- direction
- Rectangular scratch resistance stage with right hand control with double side holder and vernier calipers on XY axis.

Condenser:

- Type - Abbe condenser
- N.A.- 1.2 dry type

- Aperture iris diaphragm - built –in

  Objective. Plan Achromat 4x, 10x, 20x, 40x, & 100x.

  Minimum working distance for 100x should be 0.13 to 0.2 mm Eyepiece

- 10x with F.N 20

  All the necessary adapters and power cords should be provided for functioning of microscope.

  Optical parts manufactured in Japan/ Germany

Schedule no. 60

Multichannel variable pipette

- 8- Channel

  30-300 ul

Schedule no. 61

Refrigerated Blood Component Transport Box

Purpose of Equipment:

- To transport Blood Component including Fresh Frozen Plasma in vehicles that may or may not have sufficient electric outlet.
- Must be designed specifically for blood component transportation use.

Quality Standard:

- Both manufacturer and distributor/service provider should be ISO 9001:2008 compliant.
- Should be compliant with CE or US FDA for this specific purpose.

Operational requirements:

1. **Should have a Battery back up of at least 4-6hrs, and should be chargeable by Mains/Car battery.**
2. All the internal corners should be rounded to make easy any cleaning operation
3. Insulation should CFC-free.
4. Should be high thickness value, the refrigerators should maintain the internal temperature for long time beyond when its battery back up is exhausted.
5. For easy handling of the portable refrigerator there should be handles and there should either be inbuilt wheels or an attachable trolley.
6. Lid should be fully insulated and fitted up with a perimetric rubber gasket, with a special locking device (granting a perfect seal).
7. Internal partitioning and securing should be possible for easy handling and preventing damage to fragile FFP units during tilting/harsh transport conditions.
8. Temperature range: infinitely adjustable between +10 C to –18C
9. Adjustable thermostat should be present to set for different temperatures for different transport functions eg +4°C for RBC and -18°C for FFP, and the present temperature and set temperature both should be displayed.
10. Cooling unit should have a hermetically sealed compressor and should be industrial grade granting the maximum reliability and safety during transport.
11. Refrigerant should be CFC-free.
12. Should be able to store at least 30-40 bags.
13. Voltages: both 12/24 V and 220-230V/1 phase /50 Hz
14. Connecting cables (included): for both the voltage (12/24V and 220-230V).

Additional requirements

- All equipment should specify qualifications for design, installation, operation and performance.
- Validation and calibration reports should have traceability to applicable national and international standards.

- Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer with the charging set.
- Warranty for 3 years and CMC/AMC for Seven years with spare parts availability.
- The make, rating, model, description, specifications, price quantity of each item should be furnished separately.
- Necessary catalogues, technical write up in English, should be attached with the offer both in hard and electronic copies.
- Performance, efficiency, other factors as applicable should be furnished.
- Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification, thickness, finish etc.
- Should provide a set of equipments for calibration (eg thermometer) and routine Preventive Maintenance as per manufacturer documentation in service/technical manual.
- Should provide Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Schedule no. 62

Specifications for Blood Cell Separator/Apheresis machine

1. Continuous Flow Blood Cell Separator.
2. Single/Dual Needle operation. (Optional accessory required for Single Needle)
3. Built in automated protocols for majority (4 of 6) of the below procedures, which all should be US-FDA approved
    a. Leukoreduced Plasma Collection
    b. Therapeutic Plasma Exchange.
    c. Single or doubleRBC collection and/or RBC Exchange
    d. Peripheral Blood Stem Cell Collections.

e. Granulocyte Collection.

f. Leukoreduced platelet collection or plateleapheresis

4. Automatic Pump Loading & Priming of disposables sets.

5. Automated Self test to ensure maximum Donor Safety.

6. Built in Leukoreduction ($<5 \times 10^6$) for Platelets & Plasma using elutriation (eg LRS chamber) or other patented technology which is NOT based on leukoreduction filter.

7. Automatic Leukoreduction validation of platelets and plasma at the end of procedure.

8. Adjustable product concentration.

9. Separate Anticoagulation pump with custom programming adjustability

10. Safety check to prevent Platelets count droping below safety level for Donor safety.

11. Configurable maximum volume depletion levels either by weight or percentage of Total Blood Volume.

12. Extracorporeal volume less than 250 ml.

13. Built in Access & Return Pressure sensor.

14. Built in air detectors to prevent air embolism.

15. Built in ACD Detector.

16. Built in contamination monitor for monitoring & preventing RBC contaminations in platelet collection and plasma exchange**.**

17. Audio visual alarms.

18. Periodic Instrument Calibration certificate for the various parameters and QC of the products should be provided/maintained by the vendor

19. European CE or US-FDA approved.

Schedule no. 63

Portable High Speed Rapid Autoclave

1. Portable High Speed microprocessor-controlled fully automatic, rapid autoclave suitable for sterilization of unwrapped instruments, wrapped instruments, packs and special cycle **for liquids.**

2. Equipment should be compact, not larger than 60 cm in length. 50 cm width, and 50 cm height. Chamber size should be more than 25 cm diameter and depth should be more than 40 cm

3. Have 2 or more programmable cycles to allow custom creation of different cycle parameters for special sterilization needs. The programmable cycle should allow change of Time. Temperature, Dry time and Vent.

4. Should have three or more Air removal purges, prior to sterilization

5. Pre-programmed cycles should have selection of 2 temperatures (132°C and 121°C) and pressures (186 kPa and 104 kPa).

6. Have a microprocessor-based fault detection circuit for monitoring all functions of sterilizer during a cycle, giving necessary signals to alert operator.

7. Should meet the requirements of ASME Boiler and Pressure Vessel Code.

8. Should be US FDA or European CE certified,

9. Printer should be provided for recording cycle, cycle time, temperatures and pressure.

10. Should have Front filling and Drain facility behind front door, for safety. Should incorporate all safety features including fault detection circuit, continuous monitoring of chamber temperature to prevent overheat condition.

11. Display should indicate cycle selected, cycle temp and exposure time for selected cycle.

    During cycle, display should reflect messages indicating status of cycle and errors.

    During sterilization mode, LCD display should show --remaining cycle time, temperature and pressure.

Schedule no. 64

Specification for Micro plate Table Top Centrifuge with Swing out Rotor

1. Speed: 300-3000 rpm with increment of 10
2. Max RCF: 2000 x g or more
3. Automatic Rotor Recognition
4. Timer: 0 to 60 mins. continuous operation
5. Drive system: Brush less induction drive
6. Noise level at max speed should be less than 60db
7. System should have safety features like lid lock and interlock
8. System should have microprocessor controlled pre-selection and display of speed and time.
9. Centrifuge should be CE/FDA/ISO approved or equivalent

The centrifuge should be provided with the following accessories

Swing out rotor:

10. Speed: 300-4000 rpm or more
11. RCF: 2000x g or more
12. Capacity: Should be able to centrifuge 2 Microplate of 96 wells
13. Rotor head should be available with the firm for immediate replacement
14. Price of the spares should be quoted
15. Firm will have to supply the stabilizer with the equipment if required.
16. Firm will have to supply suitable table for keeping the centrifuge, made of powder coated stainless steel of good stability
17. Firm will have to supply the stabilizer if required along with the equipment free of cost

18. Original literature of equipment should be submitted.

19. Firm should also provide the relevant temperature calibration certificate for the equipment from any NABL accredited Lab.

20. User's list should be attached with satisfactory report for the last three years from three users with contact details.

21. Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.

22. Up time & penalty for delays in repair & maintenance: the firm will ensure uptime of 345 days in a year during warranty period & CMC period of both, equipment as well as stabilizer (if supplied).

Whenever there is breakdown the firm will carry out the repair within 48 hours of receipt of such information (either by telephone or by any other means)

If there is delay beyond 48 hours then the firm will be penalized at the rate of 1% of the cost of product per day.

This financial penalty can be waived off on recommendation of the user dept. if the reasons of delay are genuine the same are recorded & endorsed by the concerned dept.

If the down time is exceeded in a year from 20 days then the warranty shall stand extended by double the number of days machine was out of order.

23. Information regarding merger/acquisition/takeover or any change in the production should be submitted at the time of tender by the principal firm. In such case it should be specified who will provide the after sale service, CMC, supply of spare parts etc. failing which the firm shall not be considered for technical evaluation.

24.Warranty: 5 years warranty without any exclusion from the date of installation for equipment and stabilizer (if supplied) + 5 years comprehensive maintenance contract without any exclusion for both equipment and stabilizer (if supplied). The cost of warranty and CMC will be included in total cost of the equipment for financial comparison

25. Electrical: The equipment should be able to run on the existing electrical provision

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

   a) Five years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) Warranty period will be 5 years from the date of installation, commissioning and Turnkey Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
   b) 98% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
   c) All software updates should be provided free of cost during Warranty period.

2. After Sales Service:

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

3. Training:

   On Site training to Doctors/ Technicians/ staff is to be provided by Principal/ Indian Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the consignee. The same will be in line with the training modalities as specified in general technical specification.

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

   a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) and Turnkey (if any). The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period
   b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
   c) Cost of CMC will be added for Ranking/Evaluation purpose. The same will be taken at Net Present Value with a 10% discounting factor each year.
   d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 2.5 % of the cost of the equipment as per Section XV valid till 2 months after expiry of entire CMC period.
   e) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
   f) During CMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
   g) All software updates should be provided free of cost during CMC.
   h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
   i) The payment of CMC will be made as stipulated in GCC Clause 21.

Turnkey:

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

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

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

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

1. The tenderer must be a manufacturer. In case the manufacturer does not quote directly, they may authorise their authorized agent as per proforma of Manufacturer authorization form as given in the tender enquiry document to quote and enter into a contractual obligation.

2. (a) The Manufacturer should have supplied and installed in last **Five** years from the date of Tender Opening, at least 33% of the quoted quantity of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily.

2. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 2 (a) should have executed at least one contract in the last five years from the date of tender opening of similar equipment meeting major parameters of technical specification which is functioning satisfactorily, anywhere in India of the same manufacturer

Note:

1. The tenderer shall give an affidavit as under:

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

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

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

3. The Tenderer shall furnish a brief write-up, packed with adequate data explaining and establishing his available capacity/capability (both technical and financial) to perform the Contract (if awarded) within the stipulated time period, after meeting all its current/present commitments. The Tenderer shall also furnish details of Equipment and Quality Control in the enclosed Section VIII.

4. Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer's capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.

5. The Purchaser reserves the right to ask for a free demonstration of the quoted equipment at a pre determined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the Price Tender.

PROFORMA 'A'

PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last five years)

Tender Reference No. : _____

Date of opening : _____

Time : _____

Name and address of the Tenderer : _____

Name and address of the manufacturer : _____

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

We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the purchser 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.**

**** The bidders are requested to submit the latest purchase order copies supplied to AIIMS, PGIMER, JIPMER, Institute of National importance for the specific model quoted along with the price bid.**

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 as shown in the price schedules attached herewith and made part of this tender**. If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

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

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

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

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

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

(Signature with date)

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

SECTION – XI PRICE SCHEDULE

A) PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA

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

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

** To be paid in Indian Currency (Rs.)
Total Tender price in foreign currency: _____
In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
3. The Tenderer will be fully responsible for the safe arrival of the goods at the named port of entry in good condition as per terms of CIP as per INCOTERMS, if applicable
4. Custom duty @ 11.64% and 2% C& F charges will be added to the CIP price to arrive at the DDP price for evaluation purpose.

Indian Agent:
Indian Agency Commission - ___% of FOB
Signature of Tenderer_____

Name_____
Business Address_____
Signature of Tenderer_____
Seal of the Tenderer_____

Place: _____
Date: _____

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

1	2	3	4					5	6
Schedule No.	**BRIEF DESCRIPTION OF GOODS**	**QUANTITY. (Nos.)**	**Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.**					**Total Annual Comprehensive Maintenance Contract Cost for Each Unit for 5 years (4a+4b+4c+4d+4e)**	**Annual Comprehensive Maintenance Contract Cost for 05 years (3 x 5)**
			1st	**2nd**	**3rd**	**4th**	**5th**		
			a	**b**	**c**	**d**	**e**		

*** After completion of Warranty period**

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. **"Whether service tax on CMC is inclusive or extra ,if extra, indicate the present rate....."**.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 66 (Sixty Six) months from the date of Notification of Award i.e. up to ---------- (indicate date)

…….
(Signature with date of the authorised officer of the Bank)
…….
Name and designation of the officer
…….
…….
Seal, name & address of the Bank and address of the Branch

SECTION – XVI

CONTRACT FORM - A

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

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

Contract No_____ dated_____

This is in continuation to this office's Notification of Award No_____ dated _____

1. Name & address of the Supplier: _____
2. Purchaser's TE document No_____ dated_____ and subsequent Amendment No_____, dated_____ (if any), issued by the purchaser
3. Supplier's Tender No_____ dated_____ and subsequent communication(s) No_____ dated _____ (if any), exchanged between the supplier and the purchaser in connection with this tender.
4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as integral part of this contract:

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

   Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under clause 1 of Section II – 'General Instructions to Tenderers' of the Purchaser's TE document shall also apply to this contract.
5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:
   (i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

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

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

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

(ii) Delivery schedule

(iii) Details of Performance Security

(iv) Quality Control

(a) Mode(s), stage(s) and place(s) of conducting inspections and tests.

(b) Designation and address of purchaser's inspecting officer

(v) Destination and despatch instructions

(vi) Consignee, including port consignee, if any

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

_____

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

Received and accepted this contract

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

(Seal of the supplier)
Date: _____

Place: _____

CONTRACT FORM – B

CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT

Annual CM Contract No._____ dated_____
Between

(Address of Head of Hospital (AIIMS)
And

(Name & Address of the Supplier)

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

In continuation to the above referred contract

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

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

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

b) The CMC commence from the date of expiry of all obligations under Warranty i.e. from_____ (date of expiry of Warranty) and will expire on _____ (date of expiry of CMC)

c) The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, _____ & _____) and Turnkey (if any).

d) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

e) During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.

f) All software updates should be provided free of cost during CMC.

g) The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. _____ [(fill amount) equivalent to 2.5 % of the cost of the equipment as per contract] shall be furnished in the prescribed format given in

Section XV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser/Consignee.

h) If there is any lapse in the performance of the CMC as per contract, the proceeds Annual CMC bank guarantee for an amount of Rs. _____ (equivalent to 2.5 % of the cost of the equipment as per contract) shall be payable to the Consignee.

i) **Payment terms:** The payment of Annual CMC will be made against the bills raised to the consignee by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned. The payment will be made in Indian Rupees.

j) **Paying authority:** _____ (name of the consignee i.e. Hospital (AIIMS) authorised official)

_____

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

Received and accepted this contract

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

(Seal of the supplier)
Date: _____
Place: _____

SECTION – XVII
CONSIGNEE RECEIPT CERTIFICATE
(To be given by consignee's authorized representative)

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

1) Contract No. & date :_____

2) Supplier's Name :_____

3) Consignee's Name & Address with telephone No. & Fax No. : _____

4) Name of the item supplied :_____

5) Quantity Supplied :_____

6) Date of Receipt by the Consignee :_____

7) Name and designation of Authorized Representative of Consignee :_____

8) Signature of Authorized Representative of Consignee with date :_____

9) Seal of the Consignee :_____

SECTION – XVIII
Proforma of Final Acceptance Certificate by the Consignee

No_____ **Date_____**

To

M/s _____
_____
_____

Subject: Certificate of commissioning of equipment/plant.

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

(a) Contract No_____ dated_____

(b) Description of the equipment(s)/plants: _____

(c) Equipment(s)/ plant(s) nos.:_____

(d) Quantity: _____

(e) Bill of Loading/Air Way Bill/Railway Receipt/ Goods Consignment Note no_____ dated _____

(f) Name of the vessel/Transporters:_____

(g) Name of the Consignee:_____

(h) Date of commissioning and proving test:_____

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

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

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

The supplier has fulfilled its contractual obligations satisfactorily ## or

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

a) He has not adhered to the time schedule specified in the contract in dispatching the documents/ drawings pursuant to 'Technical Specifications'.
b) He has not supervised the commissioning of the equipment(s)/plant(s)in time, i.e. within the

period specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).

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

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

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

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

(Signature)
(Name)
(Designation with stamp)

Explanatory notes for filling up the certificate:

i) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.

ii) He has supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).

iii) Training of personnel has been done by the supplier as specified in the contract.

iv) In the event of documents/drawings having not been supplied or installation and commissioning of the equipment(s)/plant(s) having been delayed on account of the supplier, the extent of delay should always be mentioned in clear terms.

SECTION – XIX
ANNEXURES

Annexure 1

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

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

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

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

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

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

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

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

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

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

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

(d) SHIPMENT FROM POLAND & CZECHOSLOVAKIA

(i) IMPORTS FROM POLAND

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

(ii) IMPORTS FROM CZECHOSLOVAKIA

Goods under this contract would be signed by the National flag lines of the two parties and vessels of the third flag conference lines, in accordance with the Agreement Co-operation in shipping between India and Czechoslovakia signed on 3.11.1978 and ratified on 19.12.1979, as amended up-to-date.
Shipping arrangement should be made by the Sellers in consultation with Resident Representative of the Indian Shipping Lines in Gdynia, Co., Morska Agencja W. Gdyniul, Pulaskiego 8, P.O. Box 246, Gdynia (Poland) – Telex : MG PL. 054301, Tel.: 207621, to whom details regarding contract number, nature of cargo , quantity, port of lading, discharging, name of Government consignee, expected date of readiness of each consignment etc. should be furnish at least six weeks in advance of the required position, with a copy thereof endorsed to the Shipping Co-ordination Officer, Ministry of Surface Transport, (Chartering Wing), New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

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

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

(f) SHIPMENT FROM JAPAN

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

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

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

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

The Seller shall arrange shipment of the goods by Indian flag vessels to the maximum extent possible subject to a minimum of 50 %. For the purpose of ascertaining the availability of suitable Indian vessels, the seller shall give adequate notice of not less than six weeks about the readiness of each consignment to the Shipping Purchaser of India Ltd., SHIPPING HOUSE, 245, Madame Cama Road, Bombay – 400 021 (CABLE: SHIPINDIA BOMBAY) and also endorse a copy thereof to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(h) SHIPMENT FROM PAKISTAN

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

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

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

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

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

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

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

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

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

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

2. BILLS OF LADING

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

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

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

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

(ii) F.O.R SHIPMENTS

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

SHIPPER: The F.O.R suppliers Concerned

CONSIGNEE: Supplier's Indian Agent on order

Note:

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

SECTION – XX
CHECKLIST
Name of Tenderer:
Name of Manufacturer:

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

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
b.	Have you submitted copy of the order(s) and end user certificate?			
6.	Have you submitted manufacturer's authorization as per Section XIV?			
7.	Have you submitted prices of goods, turnkey (if any), CMC etc. in the Price Schedule as per Section XI?			
8.	Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?			
9. a.	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?			
b.	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?			
10.	Have you intimated the name an 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 as per TE document?			
15.	Have you accepted terms and conditions of TE document?			

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
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?			
18	Have you enclosed the latest purchase order copies supplied to AIIMS, PGIMER, JIPMER or Institute of National importance for the specific model quoted along with the price bid			

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

Consignee Code	Medical Institutions	Contact Address.	AirPort	Sea Port
Bhopal	All India Institute of Medical Science, Bhopal	The Director, All India Institute of Medical Science, Near Saket Nagar, Bhopal-462020	NEW DELHI	KOLKATA
Bhubaneswar	All India Institute of Medical Science, Bhubaneswar	The Director, All India Institute of Medical Science, AIIMS-Bhubaneshwar, Near Biju Patnaik Police Academy, Village-Sijua, Bhubaneshwar-751019, Orissa	KOLKATA	KOLKATA
Jodhpur	All India Institute of Medical Science, Jodhpur	The Director, All India Institute of Medical Science, Basani Ph-2, Jodhpur-342005, Jodhpur	NEW DELHI	KANDLA
Patna	All India Institute of Medical Science, Patna	The Director, All India Institute of Medical Science, AIIMS-Patna, Phulwari Sharif, Infront of DAV School, WALMI, Danapur, Patna-801105, Bihar	KOLKATA	KOLKATA
Raipur	All India Institute of Medical Science, Raipur	The Director, All India Institute of Medical Science, AIIMS-Raipur, Old TB Hospital, Tatibandh, Raipur-492001, Chattisgarh	KOLKATA	KOLKATA
Rishikesh	All India Institute of Medical Science, Rishikesh	The Director, All India Institute of Medical Science, AIIMS-Rishikesh, Barrage Road, Pashulok, Rishikesh-249203, Uttarakhand	NEW DELHI	KANDLA

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