TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF

MEDICAL EQUIPMENT

FOR AND ON BEHALF OF

EMPLOYEE STATE INSURANCE CORPORATION

UNDER THE ADMINISTRATIVE CONTROL OF
MINISTRY OF LABOUR AND EMPLOYMENT
GOVT. OF INDIA

HLL/PCD/ESIC-45/10-11

BY

HLL Lifecare Limited

(A GOVT. OF INDIA ENTERPRISE & Formerly HINDUSTAN LATEX LTD.)
Procurement & Consultancy Services Division
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SECTION I

NOTICE INVITING TENDERS (NIT)

HLL LIFECARE LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
Procurement & Consultancy Services Division
B-14A, Sector-62, Noida-201 307, Uttar Pradesh, India
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1. **Tender Enquiry No. HLL/PCD/ESIC-45/10-11** **Date: 31.01.2011**
Procurement & Consultancy Services Division of HLL Lifecare Limited (Formerly Hindustan Latex Limited), for and on behalf of Director General of Employee State Insurance Corporation (ESIC), invites sealed tenders, from eligible and qualified tenderers for supply of following Medical Equipment to ESI Hospital Rajaji Nagar, Banglore.

Item Sl. No.	Item Description	Qty. (in Nos.)	EMD (Rs.)
1	Multipara monitor with central station	6(1)	96000
2	Trinacular Research Microscope	1	8000
3	Combination Therapy Unit	1	9000
4	Hot Pack Unit	1	6000
5	Cold Pack Unit	1	6000
6	Traction Unit	1	18000
7	Electrophorosis Workstation	1	6000
8	ELISA System	1	12000
9	Orthopaedic Drill & Saw system Small Bone	1	14000
10	Iontophoresis Unit	1	14000
11	Iso-Kinetic Rehabilitation Unit	1	12000
12	Shoulder Press & Lat Pull Iso-Kinetic Unit	1	10000
13	Abdominal Iso-Kinetic Unit	1	8000
14	Dental Automatic Film Processor	1	4000
15	Dark Room Equipments	1	6000
16	Automated Plasma Thawing Equipment	1	6000
17	Automated Component Preparation Machine/ Blood Component Extractor	1	4000
18	Blood bank refrigerator (2-6º C)	1	6000
19	Blood Collection Monitor	1	5000
20	Cell Separator/ Aphresis Unit	1	17000
21	Deep Freezer -80 Deg	1	8000
22	Laminar Air Flow Vertical	1	9000
23	Mobile Blood Transportation Box	1	2000
24	Plasma Expressor	1	3000
25	Platelet Incubator & Agitator	2	16000

Item Sl. No.	Item Description	Qty. (in Nos.)	EMD (Rs.)
26	Quality Mixer	1	2000
27	Refrigerated Centrifuge	1	4000
28	Tube Sealer	1	5500
29	Real time PCR System	1	50000
30	Ultrapure Water purification system	1	10000
31	Mobile C-Arm Intensifier System for Urology	1	50000
32	Fibre Optic Bronchoscope(Imported)	1	16000
33	Syringe Pump	10	12000
34	Intra Oral Digital Radiography/Imaging	1	10000
35	Ultrasonic (Piezo) Bone Surgery Unit	1	10000
36	Bed Weighing Machine	1	8000
37	General Instruments Set For General Surgery	1	12000
38	Gynaec Surgery Instrument Set	1	8000
39	Operating Microscope For Orthopaedics	1	40000
40	Ortho Table C-Arm Compatible	1	96,000
41	Paediatric Basic Instrument Set	1	8000
42	Auto Stainer	1	24,000
43	Cryostat system	1	18000
44	Cytospin/Cell Prep II	1	6000
45	Fully Automatic Immuno Analyzer	1	36000
46	QBC Blood parasite detection system	1	16000
47	Research Microscope Unit	1	2000
48	Semen Analyser	1	8000
49	CPM Unit	1	9500
50	Electro Conclusive Therapy with EMG Monitoring	1	14000
51	Anaesthesia Stool/ Chair (Imported)	12	4000

2. **Tender No.: HLL/PCD/ESIC-45/10-11**

Dates of sale of tender enquiry document	02.02.2011 to 04.03.2011, in all working days, during 1000 Hrs. to 1400 Hrs. (IST)
Place of sale of Tender Enquiry Document and receiving of Tenders	HLL Lifecare Limited Procurement & Consultancy Services Divn. B-14A, Sector-62, Noida -201 307
Cost of Tender Enquiry Document	Rs.3,000.00/USD 75.00
Pre Tender Meeting Date & Time	**14.02.2011, 1100 Hrs. (IST)**
Pre Tender Meeting Venue	Same as above
Closing Date & time of receipt of Tender	05.03.2011,1400 Hrs. (IST)
Time and date of opening of Techno-Commercial tenders	05.03.2011, 14.30 Hrs. (IST)
Venue of Opening of Techno- Commercial Tender	Same as above

3. Interested tenderers may obtain further information about this tender from the office of Head (P&CD), HLL Lifecare Ltd., Noida. Tender Enquiry Documents may be purchased on payment of non-refundable fee of Rs. 3,000.00/ USD 75.00 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 100.00 for domestic post and USD 50.00 for international airmail. The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para 3 above. However, HLL Lifecare Ltd. shall not be responsible for any postal loss/delay.

5. Tenderer may also download the tender enquiry documents from the web site www.esic.nic.in or www.lifecarehll.com 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-14A, 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 tender and rejected. The tenders sent by post/ courier must reach the above said address on or before the closing date & time indicated in Para 2 above, failing which the tenders will be treated as late tender 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.

10. All Tenders must be accompanied by EMD as mentioned against each item. Tenders without EMD shall be rejected.

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

SECTION - II

GENERAL INSTRUCTIONS TO TENDERERS (GIT)

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A. PREAMBLE

1. Definitions and Abbreviations

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

1.2. Definitions:

(i) "Purchaser" means the organization purchasing goods and services as incorporated in the Tender Enquiry document.
(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/Dispensaries/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) "T E 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) "ESIC" means Employee State Insurance Corporation.
(xxxi) "DG" means Director General of ESIC under the administrative control of Ministry of Labour and Employment
(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 quantity, delivery schedule, terms and place of delivery.

2.2 This section (Section II - "General Instructions to 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. Deleted

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 a notarised 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 notarised English translation, in which case, for purpose of interpretation of the tender etc, the English translations shall prevail.

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

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 – Deleted
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 – Details of Shipping arrangement for Liner Cargoes in respect of C&F/CIF/Turnkey/F.O.R. Contracts for Import
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 before submission of the tender.

9. Deleted

10. Clarification of TE documents

A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing. The purchaser will respond to such request provided the purchaser receives the same minimum 1 (one) hour prior to the scheduled time of pre-bid meeting. Clarification for the same will be published on the websites as mentioned in para 5 of NIT (Section I) within 4 days after the prebid meeting.

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.
ii) Tender Form as per Section X.
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 in the prescribed format as per Section - XIV.
v) Power of Attorney/Authorisation in favour of signatory of TE documents.
vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
vii) Performance Statement as per section IX along with relevant copies of purchase orders and end users' satisfaction certificate.
viii) Price Schedule(s) as per Section XII filled up with all the details including Qty., Make, Model, Contry of origin, etc. of the goods offered with prices blank (without indicating any prices).
ix) Certificate of Incorporation of the bidder.
x) Checklist as per Section XX.
xi) Statement of deviations parameter wise from tendered technical specifications, if any.

B) <u>Price Tender:</u>

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

N.B.

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.

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 currencies say USD, 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, it should be clarified as “NA” by the tenderer.

13.2 The tenderer has the option to submit its quotation for any one or more item (s) in the List of Requirements. However, separate sealed cover to be used for each item for price bid.

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.

The price quoted by the tenderer for indigenous goods shall not be higher than the lowest price charged for the goods of the same nature, class or description to an individual/ firm/ organisation or department of Govt. of India.

For imported goods, the price quoted shall not be higher than the lowest price charged by the tenderer for the goods of the same nature, class or description to a purchaser, domestic or foreign or to any organisation or department of Govt. of India.

If it is found at any stage that the goods as stated have been supplied at a lower price, then that price, with due allowance for elapsed time will be applicable to the present case and the difference in cost would be refunded by the supplier to the purchaser, if the contract has already been concluded.

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 finished goods in India if the contract is awarded;
c) charges towards Packing & Forwarding, Inland Transportation, Insurance, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;
d) the price of Incidental Services, as mentioned in List of Requirements and Price Schedule;
e) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
f) the price of 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 port of shipment, as indicated in the List of Requirements and Price Schedule;
b) the amount of freight and insurance and price of goods quoted CIP port of entry in India as indicated in the List of Requirements and Price Schedule;
c) the **price of goods quoted should be on DDP basis at consignee site in India** as indicated in the List of Requirements, Price Schedule and Consignee List;
d) wherever applicable, the amount of custom duty with CDEC applicable on CIP value on the goods to be imported; ESIC will issue Customs Duty Exemption Certificate (CDEC) where applicable.
e) the charges for Loading/Unloading, Inland transportation, Insurance and other local costs, Incidental cost to delivery of the goods from the port of entry in India to Consignee Site, 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 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:

Octroi duty, terminal tax and other levies of local bodies (like town body, municipal body etc.) if not exempted shall be reimbursed to the supplier on production of such proof of payment along with the final bill.

13.5.5 Customs Duty:

The tenderer shall quote the Customs duty wherever applicable, considering availability of CDEC. The applicable rates and amount of the Custom Duty and the corresponding Indian Customs Tariff number should be shown separately in the price schedule. In case of non-availibility of CDEC, the supplier has to custom cleared the goods paying the applicable Custom Duty and any difference of duty from the applicable CDEC rate shall be reimbursed separately on production of such proof of payment alongwith the final bill.

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.

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. Deleted

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.
d) in case the tenderer is an Indian agent/authorized representative quoting on behalf of a foreign manufacturer for the **restricted item**, the Indian agent/authorized representative is already enlisted under the Compulsory Enlistment Scheme of Ministry of Finance, Govt. of India, operated through Directorate General of Supplies & Disposals (DGS&D), New Delhi.

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) 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 Deleted

19.3 The earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. **The earnest money shall not be accepted in any other form except the following**:

i. Account Payee Demand Draft or
ii. Banker's cheque

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.

19.5 Deleted.

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.

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 opening of techno-commercial tenders 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/ email 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, however, may not agree to extend its tender validity without forfeiting its EMD.

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 in Original tenders.

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 copy of the tender in separate envelopes, duly marking the same as "Original", "Duplicate" and so on and writing the address of the purchaser and the tender reference number on the envelopes. The sentence "NOT TO BE OPENED" before _____ (The tenderer is to put the date & time of tender opening) are to be written on these envelopes. The inner envelopes are then to be put in a bigger outer envelope along with envelope containing EMD, 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 (along with envelope containing EMD)'** 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-14A, Sector -62, Noida -201307, Uttar Pradesh**. In case of bulky tender, which can not be put into tender box, the same shall be submitted by the tenderer by hand to **Head (P&CD)** or his nominee, **HLL Lifecare Limited, Procurement and Consultancy Division, B-14A, Sector -62, Noida -201307, 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 shall be opened at a latter date which will be notified to such tenderers. 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. Preliminary 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 Deleted.

27.3 Deleted

27.4 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders,

which do not meet the basic requirements, are liable to be treated as non – responsive and will be summarily ignored.

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

(i) Tender form as per Section X (signed and stamped) not enclosed
(ii) Tender is unsigned.
(iii) Tender validity is shorter than the required period.
(iv) Required EMD have not been provided.
(v) Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorisation as per Format given in Section XIV.
(vi) Tenderer has not agreed to give the required performance security.
(vii) Goods offered are not meeting the tender enquiry specification.
(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, DDP clause, Delivery period 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 for the quoted item (s).

28. Deleted

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.

30. Discrepancy between original and copies of Tender

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.

31. Qualification Criteria

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

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. Deleted

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.

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, Customs 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 Deleted

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 item in the List of Requirements, then, such determination will be made separately for each item.

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

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

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" 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 without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract or within one-year from the date of Notification of Award.

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 twenty-one (21) days from the date of dispatch of this notification, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

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

42. Issue of Contract

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

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

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

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

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

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

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

It is required by all concerned 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)

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.

SECTION - IV

GENERAL CONDITIONS OF CONTRACT (GCC)

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GENERAL CONDITIONS OF CONTRACT (GCC)

1. Application

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

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

4. Country of Origin

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

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

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

5. Performance Security

5.1 Within twenty-one (21) 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**.

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

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

prescribed form as provided in section XV of this document in favour of the Purchaser/Consignee.

b) 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.

5.3 In the event of any failure /default of the supplier with or with out 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 twenty-one (21) 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 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 & lodging will be borne by the purchaser and/or its nominated representative(s).

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

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

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

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

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

8.7 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC Clause 15.

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

9. Terms of Delivery

Goods shall be delivered by the supplier in accordance with the terms of delivery specified in 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 DDP at consignee site; 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.

Goods will be custom cleared by the supplier/ Indian agent and transported to the consignee's site as per the contract terms.

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.

The goods shall be custom cleared by the Supplier/ Indian Agent and transported to the consignee's site as per contract terms. The supplier shall be responsible for safe and timely delivery of ordered goods under his own arrangement.

11. Insurance:

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. 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 DDP Basis, the supplier shall arrange and pay for marine/ air insurance making the consignee as beneficiary. The additional extended Insurance (local transportation and storage) would also be borne by the Supplier from the port of entry to the consignee site for a period including 3 months beyond date of delivery.

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 consumable spares for the goods so that the same are supplied to the Purchaser/Consignee promptly on receipt of order from the Purchaser/Consignee.

13. Incidental services

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

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 (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) Two copies of packing list identifying contents of each package;
(iii) Inspection certificate issued by the nominated Inspection agency, if any.
(iv) Certificate of origin;
(v) Insurance Certificate as per GCC Clause 11.
(vi) 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 airmail/ registered post / speed post (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) 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 or equivalent (acceptable to the purchaser) 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 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 This **warranty shall remain valid for 2(Two) years** in general, after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the Purchaser/Consignee in terms of the contract, **unless specified otherwise in the SCC**.

a. No conditional warranty like mishandling, manufacturing defects etc. 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 items:-
    i. X-ray and CT tubes and high-tension cables.
    ii. Helium replacement
    iii. Any kind of motor
    iv. Plastic & Glass parts
    v. All kinds of sensors including oxygen sensors
    vi. All kinds of coils, probes and transducers including ECG cable, BP transducers, SpO2 Probes, Ultrasound and Color Doppler Transducers/probes, BP Cuffs, Defribrillator internal paddles, chart recorders, ventilator reusable patient circuits, servo humidifier with chamber, electrodes and probes for blood gas analyser, MRI coils.
    vii. All kinds of flat panel sensors and cassettes for Digital Radiography & Computer Radiography systems and patients handling trolleys, etc.
    viii. Printers and imagers including laser and thermal printers with all parts.
    ix. UPS including the replacement of Batteries.
    x. 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 to a further period as mentioned under clause 15.2** from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.

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

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

15.8 The Purchaser/Consignee reserve the rights to enter into **Annual Comprehensive Maintenance Contract** between Consignee and the Supplier for the period as mentioned in General Points for Technical Specifications, **Section VII (para-4)**, 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:

(i) 90 % payment of the contract price shall be paid within 24 hours on receipt of goods in good condition and upon the submission of the following documents complete in all respects. Bills shall be returned un-paid in case of any discrepancy. Delay in payment on account of above shall rest with the supplier.
(ii) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
(iii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
(iv) Two copies of packing list identifying contents of each package;
(v) Inspection certificate issued by the nominated Inspection agency, if any;
(vi) Insurance Certificate as per GCC Clause 11;
(vii) Certificate of origin.

b) On Acceptance:

Balance 10 % 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.

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 delivery:

Ninety (90) % 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 within 24 hours to all concerned as per the contract;
(v) Manufacturer's/Supplier's warranty certificate;
(vi) Manufacturer's own factory inspection report and
(vii) Certificate of origin by the chamber of commerce of the concerned country;
(viii) Inspection Certificate for the despatched equipments issued by recognized/ reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser) prior to despatch.
(ix) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee

b) On Acceptance:

Balance payment of 10 % 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.

c) Payment of custom duty amount with Custom Duty Exemption Certificate (CDEC), if applicable, customs clearance and handling charges, loading/ unloading, inland transportation, incidental costs till consignee site & incidental services (including installation & commissioning, supervision, demonstration and training) will be paid in Indian Rupees to the Indian agent at actual not exceeding the quoted rates after 100 % payment to the foreign principal.

d) Payment of Indian Agency Commission:

Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. Payment shall be made after 100% payment to the Foreign Principal.

C) Payment of Turnkey, if any:

Turnkey payment will be made to the manufacturer's agent 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. Payment shall be made to the Indian Agent after 100 % payment to the Foreign Principal.

D) Payment for Annual Comprehensive Maintenance Contract (CMC) 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 ESIC/ Purchaser. 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 the purchaser.

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. Delay in the supplier's performance

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.

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.

23. Liquidated damages

23.1 Subject to GCC clause 26, if the supplier fails to deliver 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 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, acts of the Purchaser/Consignee either in its sovereign or contractual capacity, 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 that 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. The jurisdiction for the settlement of disputes will be at New Delhi, India.

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, appointed to be the arbitrator by the Director General of ESIC. 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 Lac (Rs. 1,00,000/-)

30.3 Venue of Arbitration: The venue of arbitration shall be 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. General/ Miscellaneous Clauses

32.1 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.

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

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

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

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

32.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee 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.

32.7 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.

For GCC Clause No. 15.8:

After completion of Warranty period Annual Comprehensive Maintenance Contract (CMC) to be quoted as mentioned in General Technical specifications Section VII (Para-4) for all the items except for Item Sl. Nos. 4, 5, 15, 37, 38 & 41.

SECTION - VI

LIST OF REQUIREMENTS

Part I:

Item Sl. No.	Item Description	Qty. (in Nos.)
1	Multipara monitor with central station	6(1)
2	Trinacular Research Microscope	1
3	Combination Therapy Unit	1
4	Hot Pack Unit	1
5	Cold Pack Unit	1
6	Traction Unit	1
7	Electrophorosis Workstation	1
8	ELISA System	1
9	Orthopaedic Drill & Saw system Small Bone	1
10	Iontophoresis Unit	1
11	Iso-Kinetic Rehabilitation Unit	1
12	Shoulder Press & Lat Pull Iso-Kinetic Unit	1
13	Abdominal Iso-Kinetic Unit	1
14	Dental Automatic Film Processor	1
15	Dark Room Equipments	1
16	Automated Plasma Thawing Equipment	1
17	Automated Component Preparation Machine/ Blood Component Extractor	1
18	Blood bank refrigerator (2-6º C)	1
19	Blood Collection Monitor	1
20	Cell Separator/ Aphresis Unit	1
21	Deep Freezer -80 Deg	1
22	Laminar Air Flow Vertical	1
23	Mobile Blood Transportation Box	1
24	Plasma Expressor	1
25	Platelet Incubator & Agitator	2
26	Quality Mixer	1
27	Refrigerated Centrifuge	1
28	Tube Sealer	1
29	Real time PCR System	1
30	Ultrapure Water purification system	1
31	Mobile C-Arm Intensifier System for Urology	1
32	Fibre Optic Bronchoscope(Imported)	1
33	Syringe Pump	10
34	Intra Oral Digital Radiography/Imaging	1
35	Ultrasonic (Piezo) Bone Surgery Unit	1

Item Sl. No.	Item Description	Qty. (in Nos.)
36	Bed Weighing Machine	1
37	General Instruments Set For General Surgery	1
38	Gynaec Surgery Instrument Set	1
39	Operating Microscope For Orthopaedics	1
40	Ortho Table C-Arm Compatible	1
41	Paediatric Basic Instrument Set	1
42	Auto Stainer	1
43	Cryostat system	1
44	Cytospin/Cell Prep II	1
45	Fully Automatic Immuno Analyzer	1
46	QBC Blood parasite detection system	1
47	Research Microscope Unit	1
48	Semen Analyser	1
49	CPM Unit	1
50	Electro Conclusive Therapy with EMG Monitoring	1
51	Anaesthesia Stool/ Chair (Imported)	12

Part II: Required Delivery Schedule:

a) **For Indigenous goods or for imported goods if supplied from India:**
Within **60 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).

b) **For Imported goods directly from abroad:**
Within **90 days** from date of opening of L/C. The date of delivery will be the date of delivery at consignee site (Tenderers may quote earliest delivery period).

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13. Installation & Commissioning shall be completed within 15 days of handing over the site of installation, complete in all respect by the consignee. The date of handing over of the site has to be intimated by the supplier to the purchaser. The delay on the part of the supplier to install and commission the equipment will attract the provisions as contained in the liquidated damage clause.

Part IV:

Turnkey (if any) as per details in Technical Specification. The tenderer shall also specify the time schedule for completion of Turnkey work.

Part V:

Annual Comprehensive Maintenance Contract (CMC) as per details in General Technical Specifications para 4.

Part VI:

Required Terms of Delivery and Destination.

a) **For Indigenous goods or for imported goods if supplied from India:**
Delivery required at Consignee Site.
Insurance (local transportation and storage) would be borne by the Supplier from warehouse to the consignee site for a period including 3 months beyond date of delivery

b) **For Imported goods directly from abroad:**

The foreign tenderers are required to quote their rates on DDP at consignee's site basis giving break up of the price as per the Proforma prescribed in the Price Schedule.

Custom clearance, handling, unloading & loading and transportation to the consignee's site shall be the responsibility of the supplier/ Indian agent.

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.

c) **Destination/Consignee details are given in Section XXI**

Part VII:

Inspection:

a) **For Indigenous goods or for imported goods if supplied from India:**
At consignee site by the respective In-charge of the Hospital or his authorised representative.

b) **For Imported goods directly from abroad:**
Pre-despatch inspection at manufacturer's premises as per GCC clause 8.8 and inspection after arrival in India at consignee site by the respective In-charge of the Hospital or his authorised representative.

Section – VII
Technical Specifications

Item No. 1

Bedside Multipara Monitor with HR, PR, ECG, SpO2, NIBP, RESP, TEMP, IBP & EtCO2 (Imported) for Recovery Ward with central monitoring station

1. It should have modular & multi measurement server design.
2. It should have colour coded modules to avoid inserting wrong cables, leads.
3. It should have bright, highly visible minimum 12 inch flat screen colour TFT display.
4. It should have capability to display atleast six real time wave forms along with related numerical parameters on a single screen.
5. The size of the numerics and wave forms should be adjustable to become larger for viewing from very long distance.
6. Colour of various parameters should be interchangeable
7. It should have facility to show continuous 12 lead ECG including 12 leads ST segment simultaneously using 5 lead ECG cable.
8. It should have 12 lead ST segment analysis.
9. It should have minimum 48 hours of Graphical, tabular trending facility
10. It should have advanced multi lead arrhythmia analysis capability
11. It should have configurable screen configurations for various monitoring settings like emergency, general monitoring, 12 lead screen etc.
12. It should have facility to work on mains AC & in built rechargeable battery with back up of 2 hours or more.
13. The monitor should be connectable to central monitoring station and should use a single network for all kinds of networking with the central station or the other hospital systems.
14. Should have facility to interchange all the modules / servers between all the monitors, so that one or more optional modules / servers can be operatable on all monitors at different point of time & also in case of any defect in any module, the same can be interchanged from the other monitor.
15. The monitor should have proper valid FDA approval and CE Certification.
16. Standard measurements to be provided with all the monitors are ECG, Heart Rate, SpO2, NIBP, Temperature.
17. Accessories to be offered as standard with each monitor

a) ECG/Respiration 5 lead cable – 01No.
b) NIBP Cuff adult, paediatric and neonatal - 01each
c) SpO2 finger Probe adult, pediatric and neonatal - 01each
d) Temperature Probe reusable - 01No.
e) Reusable IBP Transducer - 01No.

Central Monitoring Station for multipara monitor

¨ Should have capability of monitoring atleast sixteen beds on central station with atleast two waveforms from each bedside being viewed. Additional parameters to be displayed in numeric form.

- Should have dual displays, one for continuous display of all beds and other for trend review, full disclosure etc.
- Size of both the displays should be atleast 19" flat screen TFT.
- Should have facility for alarm review capability of a minimum of two waveforms per event.
- Should have storage of minimum of 40 events.
- Should provide multi-lead arrhythmia analysis. Arrhythmia algorithm should be accurate and validated against AHA/MIT tapes.
- High Density Laser printer should also be included for printing of data including 'holter like' full disclosure reports and vital sign data from bedside.
- Should have 24 hour full disclosure for atleast three waveforms.
- Should have facility for upgrading remote access of patient data including waveforms and numerics.
- Remote on line patient data should be viewed at Consultants residence through modem/HIS/Internet/Broadband upgradeable.
- Should also include viewing station for viewing this data which should be minimum Pentium IV with 30GB HDD and battery for mobility.
- Suitable rated UPS of 30 minutes backup to be provided for central station.

ISO, CE and US FDA Aprroved

Item No. 2

Tri nocular microscope

Stand:

Power supply – Integrated power supply, 30 W stabilized / 90 -250 auto adjustement

Kohler – variable Kohler illumination

Eyetubes – Ergotube 15^0 viewing angle FOV22
Advanced ergo tilting eyetube FOV22

Phototubes – Trinocular ergotilting phototube 50/50 FOV22

Ergo modules – 30mm / 60 mm

Operation:

Focus – Height adjustable focus knobs
5 focus functions: 2 or 3 gear focusing, focus stop, adjustable torque

Objective turret – Automatic 6-position objective turret with additional toggle mode

Objective – Brightness synchronized objective series 4x, 10x, 40x, 100x

Stage – Ceramic coated (ultra hard ceramic) left/ right (exchangeable by user) rackless, telescopic drive, adjustable torque, rotatable

TL Axis:

Illumination – 12 V/30 W halogen lamp, easy bulb exchange (with special drawer)

Filtering – Filip – out blue filter
Filter holder for two filters

Condenser – Standard condenser CL/PH color coding (2.5 x – 100 x)
Achromatic, APL, flip top condenser color coding (1.25 x – 100X)
Universal condenser UCA BF/ phase/ DF

Contrast methods – BF
DH, PH, POL

Fluo – Axis:

Illumination 12V/ 100W halogen lamp

Filter cube changer – slider with 3 positions for filter cubes

Item No. 3

Combination Therapy Unit	
· Should have multi-frequency Ultrasound 1, 2, 3 MHz	
· Should have duty cycles: 10%, 20%, 50%, continuous	
· Should have option to add any size sound heads: 2 cm^2, 5 cm^2, 10 cm^2	
· Should have ultrasound settings: up to 2 watts/cm^2	
· Should able to display both in watts and watts/cm^2	
· Should able to produce head warming and Coupling	
· Should able to deliver combination therapy with all the available currents through the Sound	
Head	
· Should have stim input for electrotherapy	
· Should have 5 channels with 1 number of dedicated High Volt channels	
· Should able to deliver 7 wave forms: such as Interferential , Premodulated ,Russian ,Biphasic	
,High Volt ,Microcurrent ,Direct Current ,Target and Target Sweep feature for Interferential with touch	
pad technology	
· Should have internal power supply and conversion capabilities	
· Must be durable and sturdy with aluminum casing	
· Should have modifiable frequency ranges , single, reciprocal, co-contraction modes in Russian,	
Biphasic	
· Must able to have selectable and customizable on/off times for High Volt, Biphasic and Russian	
· Able to modify pulse rate, pulse width in Biphasic, Russian	
· Must able to deliver Microcurrent and High Volt therapy delivered with either electrodes or	
probes	
· Must have the option to select Microcurrent and High Volt polarity (positive, negative, or	
bipolar)	
· Must have microcurrent conductance indicator and Electrode conductance meter	
· Should able to deliver Direct Current through MultiStim probe with toggle switch for control	
· Should have a Infrared cluster probe with 660 nm and 880 nm SLDS and have Laser point probe	
available as an optional unit for attachment.	
· Must also provide a Blue light 405 nm and 660 nm cluster probe.	
· Must provide a certified Protocol Reference Manual for Electrotherapy & Ultrasound	

· Must provide a Light Therapy Applications Manual (included with probe order)	
· Have an internal current conversion 110 to 240 Volts, 50/60 Hz, able to operate on a battery or	
have option to operate with a car battery	
· Must be light 5.9 kg with dimensions of 14.32 inches W, 4.46" height, 12.7 length able to	
transport in a carry bag.	
· Should be a certified class device with all CE mark and FDA approved Unit, and must provide	
proprietary certificate and IEC 60601-1(CE) and CSA/NRTL	

Item No. 4	
HOT PACK UNIT	
· Must be full stainless steel unit with wheels with option to easily change water and heating	
capacity of upto 12 large packs at one time and temperature preset at 167 degree F.	
· Should have a PVC coated and low-water cut-off feature with special insulate to preserve heat and	
help conserve power consumption	
· Must come with built in adjustable thermostats and provide lighted on/off switches	
· Should have concealed elements, coved bottoms, coated racks and hospital-grade power cord	
· Unit must have inside mesh and hangers to hold the pads for proper stable heating to transfer	
· Unit should be provided with different size white clay pads and able to hold temperature upto	
30minutes of deep moist heat.	
· Hot Packs able to be reused for hundreds of treatments	
· Should come with durable custom size and shapes Terry covers for hot packs with different sizes	
for cervical, lower back, extremities and more	
· UL-listed, ETL/CE and CSA –approved with 220 volts	
Item No. 5	
COLD PACK UNIT	
· Must be Five Cubic Feet of Storage and able to hold 12 Gel packs	
· Should have adjustable thermostatic control and drain for defrosting	
· Dimension 27" deep, 34 " high has to be a cooler and not a freezer	
· Have to provide compressed cold therapy pack for extremities able to 360 degree around the	
injured area made out of durable Nylon outer chamber.	
· Must provide Body ice packs with non-freezing gel	
· Must be made out of PVC Vinyl exterior and available in different sizes for different body parts	
cervical, lumbar, and extremities	
· Should able to hold temperature up to 30 minutes	
· UL-listed, ETL/CE and CSA –approved with 220 volts option available	
Item No. 6	
Traction Unit	
· Must be FDA approved decompression-traction unit	
· Should able to deliver decompression therapy along with 3-channel of light therapy to muscle	
stimulation and blood circulation	
· Should able to deliver light therapy treatment and decompression simultaneously.	
· Should have a touch screen interactive display for easy treatment set-ups and easy angle selection	
and must come with treatment protocol manual	
· Must provide along with the package Angle reference chart	
· Should able to automatically calculate and digitally display the rope pull angle for decompression	
and traction as per the treatment protocol	

· Must provide a 8”x 10’ Infrared light Pad unit for muscles relaxing and muscle spasms	
· Must have built in training information for traction and light therapy protocols	
· Should provide protocol manual for light therapy and lumbar and cervical protocol manual	
· Must be a build in computerized software package and protection against accidental setting of	
force-must have a safety switch for emergency shut of	
· Should come with Flexion stool, Knee bolsters, Cervical pillow, Ankle bolsters, and	
decompression belts thoracic and pelvic.	
· Should provide with a 4 section motorized table hi/lo with clamps, frame attachments for	
connecting the traction unit	
· Should be a certified class device with all CE mark and US FDA approved Unit,	
and IEC 60601-1(CE) and CSA/NRTL	

Item No. 7	
Electrophoresis Workstation	
Compact bench top clinical electrophoresis system for serum protein, urine	
Protein, Hemoglobin,Lipo Protein and Immunofixation-Agarose gel based.	
Capacity of running 6-8 samples simultaneously on a single gel.	
Should be equipped with special and dedicated migration and developing unit, .	
also drying facility should be built in with the developing unit	
Should use low power consumption.	
Should come with an integrated display preferably with display of current status.	
Should be equipped external get scanning system with software for	
clinical electrophoresis interpretation and reporting.	
No separate power pack should be required for running the system.	
Software: User friendly, software with facility for patient demographics, .	
individual patient results, analysis and result print out	
Multiple program facility – upto 30 different programmable facility should be available.	
Agarose gel based kits (gels) compatible with electrophoresis unit should be provided.	
Inhouse training and free installation to be provided.	
System should be FDA and CE marked.	
Item No. 8	
ELISA system	
CE approved fully automated continuous access walk away micro plate system.	
Sample capacity – 180/batch	
Should have individual racks for sample loading.	
Should be a multi tasking system (simultaneous functioning of different processing steps)	
Should have the capability to read 4 micro plate at a time and 3 microplates while in archiving.	
Up to 12 parameters per batch.	
Should have built in clot detector.	
Should have original kit loading facility – direct loading of reagents from .	
different manufacturer should be possible	
Should be a single probe system.	
Should be provided with carbonized disposable tips for reagent dispensing and sample dispensing.	
Should be available with 280 positions for primary tubes.	
Should have automatic sample sensing and bar code reading.	
Sample dilutions upto 10000.	
Upto 31 positions for reagents and 22 positions for calibrators.	
Signature pippetting to ensure fast processing.	
Should have 8 channel washer manifold.	
Should be provided with independent micro plate transporter.	
96 well plate reader with bichromatic and monochromatic reading options.	
Should have 8 independent incubators with temp options from RT to 47º C	
Quick start up time of 2 minutes.	
Option of performing individual modular functions (washing, reading, incubation and sample addition)	
System should be FDA and CE marked.	
Item No. 9	
Orthropaedic Drill & Saw System Small Bone	
EPD 60'000 rpm	
Foot Switch 1 pedal f/EPD	

Cable Foot Switch - Addit-Foot Switch f/	
Hand Switch f/EPD	
Std-Console w/Irrigation f/EPD	
Cable EPD Console L4m	
Cable Foot Switch Console f/EPD L4m	
SealNipple f/Cable f/EPD	
Drill-Attachm Mini-Quick-Coupl f/EPD+APD	
AO/ASIF Drill-Attachm f/EPD+APD	
Drill-Attachm 45° Mini-Quick-Coupl f/EPD	
K-Wire Attachm f/EPD+APD	
Sagittal Saw-Attachm f/EPD+APD	
Reciproc-Saw-Attachm f/EPD+APD	
Burr-Attachm S angl f/EPD+APD	
Burr-Attachm M angl f/EPD+APD	
Irrigation Tube Set f/EPD+APD sterile pa	
Irrigation Nozzle f/EPD+APD f/Reciproc-S	
Irrigation Nozzle f/EPD+APD f/Sagittal S	
Item No. 10	
IONTOPHORESIS UNIT: (ALTERNATAIVE TO HYPODERMIC INJECTIONS THROUGH	
A NON-INVASIVE METHOD)	
· Iontophoresis Systems must able to provide two independent channels of Iontophoresis	
treatments.	
· Should able to set polarity, dosage, and intensity levels for each channel independently.	
· Should able to deliver two options for each channel	
· Must have a single phase (one drug) and dual phase (two drugs of opposing polarities delivered	
from the same iontophoresis electrode)	
· Should able to In dual phase able, the first drug delivered to the “active” electrode is the positive	
polarity drug flowed by the negative polarity drug.	
· Must have a Bright OLED display	
· Must able to have pH buffering up to 80 mA:Min	
· Should have buffered gel (return)design specifically for iontophoresis	
· Ion electrodes must be available in 4 sizes small, medium, large and butterflies	
· Should able to detect electrode/lead errors	
· Must able to automatically update the treatment times based on changes made during the	
treatment display and show all parameters for both channels	
· Must able to operate and treat patients bilaterally and have the channels work together with single	
control.	
· Should come with minimum treatment of 15 seconds to 100 minutes with time accuracy of +/_1	
sec	
· Should able to operate with 3360 mA alkaline batteries with tow output jacks and current	
intensity of 0.5 -4.0 mA	
· Must able to provide low battery signals and able to reset the with relatively easy	
· Should able to tolerate temperature of 10 degree + 50 degree range, relative humidity of 10% to	
100% on-condensing and atmospheric pressure of 500hpa to 1060 hpa	
· Must be certified to the following standards:	
IEC 60601-1(CE) and CSA/NRTL	
Item No. 11	
ISO-KINETIC REHABILITATION UNITS FOR COMPLETE BODY WORKOUT:	

Should be an ADA (Americans with Disabilities Act) certified with wheel chair option.	
Should have build in software programs for Iso-strength, Fat burn, and cardio workout.	
Must have at least 6 hill programs with over 20 levels of intensity and infinite number of program profiles	
Should able to provide Bi-directional resistance to create balance between reciprocal muscle groups.	
Must have a smooth orbital linear movement for legs and arms in a smooth arc	
Should have a low profile seat back for increased core recruitment	
Should able to down load the workout data on the Desk top for building and modifying workout protocols	
Must be Polar compatible with heart rate wireless technology	
Should come with resistance system - 3 phase combination generator and eddy current brake with resistance output of 5 to 2000 watts	
Computer adjustable in .1 increments with 200 levels of resistance.	
Should be especially designed for rehabilitation purpose with patient documentation and able to store data.	
Should have desk top compatibility so specific protocols can be created and stored for future use.	
Should be appropriate for spinal cord injury, stroke, multiple sclerosis or other conditions by providing aerobic and strengthening workouts in a wide range of work levels.	
Self-generating with auto recharge battery back up. Low voltage AC adaptor, optional.	
Should be fully adjustable for orthopaedic rehab, range of motion can be altered as rehabilitation progresses	
Should be a certified class device with all CE mark and US FDA approved Unit, and IEC 60601-1(CE) and CSA/NRTL	
Item No. 12	
SHOULDER PRESS AND LAT PULL ISO- KINETIC UNIT FOR REHABILITATION WITH	
MAGNETIC RESISTANCE TECHNOLOGY	
The unit has to have Magnetic resistance technology for fluid like motion especially designed for Physiotherapy	
The unit must have dual-function (double-concentric) Iso-kinetic motion able to perform two or more exercises	
Self generating power no external electrical needed	
Must have internal power generating capabilities for bio metric feedback	
Should able to adjust the work load with a turn of a dial	
Adjustable seat, waist belts for securing lower back and back support.	
Able to provide bio-metric feed back, total repetitions, time per rep, and Heart rate using telemetric (wireless) heart rate technology	
Must able to provide a proprietary certificate as per the technology specification	
Item No. 13	
ABDOMINAL FLEXION AND BACK EXTENSION ISO-KINETIC UNIT FOR REHAB WITH	
MAGNETIC RESISTANCE TECHNOLOGY	
The unit has to have Magnetic resistance technology for fluid like motion especially designed for Physiotherapy	
The unit must have dual-function (double-concentric) Iso-kinetic motion able to perform two or more exercises	
Self generating power no external electrical needed	

Must have internal power generating capabilities for bio metric feedback	
· Should able to adjust the work load with a turn of a dial	
· Adjustable seat, waist belts for securing lower back, back support with fluid like motion for build	
core strength	
· Able to provide bio-metric feed back, total repetitions, time per rep, and Heart rate using	
telemetric (wireless) heart rate technology	
· Must able to provide a proprietary certificate as per the technology specification	

Item No. 14	
DENTAL AUTOMATIC FILM PROCESSOR	
Fully automatic X-ray film processor with an integrated chemical replenishment system.	
Complete with daylight loader, film box 8x10 and	
6x12, 240V 50Hz. Unit should be complete with stand or table for mounting the unit and film cassette.	
Item No. 15	
DARK ROOM EQUIPMENTS	
Kiran KG4 Screen with Kiran Cassette	
Kiran KG4 Screen with Kiran Cassette	
Kiran KG4 Screen with Kiran Cassette	
Kiran KG4 Screen with Kiran Cassette	
Kiran KG4 Screen with Kiran Cassette	
Kiran Double Sided Lead Apron 0.5mm	
Kiran Double Sided Lead Apron 0.5mm	
Kiran Coat Type Lead Apron 0.5mm	
Kiran Coat Type Lead Apron 0.5mm	
Kiran Thyroid Sheild 0.5mm	
Kiran Gonad Sheild 1mm	
Kiran Radiation Protection Gloves 0.5mm-Model 580	
Kiran Protective Lead Goggels Front & Side 0.75mm	
Imported Lead Goggles Front & Side 0.5mm	
S.S. Lead Apron Stand for 5 Aprons Floor Model	
X-Ray View Box to view Single Film	
X-Ray View Box to view Double Film	
Chest Stand Floor Model	
Lead Lined Protection Screen 1mm without Lead Glass (Wooden)	
Lead Lined Protection Screen 1mm without Lead Glass (Wooden)	
Lead Lined Protection Screen 1mm without Lead Glass (Wooden)	
Half Film Blocker	
Half Film Blocker	
Lead Letter A to Z	
Lead Letter R & L	
Lead Number 0 to 9	
Dark Room Safe Light	
Kodak X-Ray Film 100 Sheet Box	
Kodak X-Ray Film 100 Sheet Box	
Kodak X-Ray Film 100 Sheet Box	
Kodak X-Ray Film 100 Sheet Box	
Kodak X-Ray Film 100 Sheet Box	
JPI X-Ray Grid 6:1, 103 Lines	
JPI X-Ray Grid 6:1, 103 Lines	
Lead Glass for Protection Screen (S.No. 19, 20 & 21)	
Kodak Automatic Developer to make 19 Ltrs.	
Kodak Automatic Fixer to make 19 Ltrs.	
Promax Table Top Film Processor Model Advanced Digital Control	

Item No. 16

AUTOMATED PLASMA THAWING EQUIPMENT
1. SHOULD BE ABLE TO THAW 8 – 12 PLASMA BAGS
(FFP/APHERESISOR PLASMA BAGS OF ANY SIZE or ANY MAKE)
2. SHOULD HAVE WATER BATH BASED SYSTEM WHICH SHOULD BE OPERATIONAL AT 4 DEGREE TEMPERATURE TO 37 DEGREE CELCUIS PRECISELY.
3. SHOULD BE COMPACT IN SIZE.
4. SHOULD HAVE RACK HOLDERS WITH BUILT-IN FINGERS FOR SECURELY HOLDING THE PLASMA BAGS OF ALL SIZES.
5. SHOULD HAVE AN ALARM WHEN THE PLASMA BAGS ARE THAWED
6. SHOULD HAVE THE PROVISION FOR SELECTING PROGRAMMED TIME SETTING FOR THE LENGTH OF THAWING CYCLE. .
7. SHOULD HAVER DIGITAL TIMER CLEARLY DISPLAYINGTHE PROGRAMMED SET TIME OR REMAINING CYCLE IN MINUTES
8. SHOULD HAVE ALARM SYSTEM FOR ADJUSTABLE OVERTEMPERATURE ALARM SETTING, AUDIBLE AND VISUAL ALARM WARNINGS,
9. SHOULD HAVE A DEEP THAWING CHAMBER FOR INCREASED HEAT TRANSFER EFFICIENCIES, WHICH RESULTS IN FASTER FFP THAWING TIMES. THE CLEAN STREAMLINED DESIGN OF THE HEAVY GAUGE STAINLESS STEEL CHAMBER SIMPLIFIES ROUTINE CLEANING.
10. SHOULD HAVE A CHAMBER DRAIN SYSTEM WITH A HIGH FLOW RATE TO DRAIN THE CHAMBER WITHIN 2-3MINUTS.
11. SHOULD HAVE A TERMPRATURE CONTROLLER
12. SHOULD HAVE A SERVO CONTROLLED VOLTAGE STABILIZER OF ATLEAST 3KVA
13. SHOULD BE CE APPROVED
Item No. 17
Automated Component Preparation Machine.
1. Should work with a Vertical parallel pressure plates that is pneumatically driven.
2. Should have a set of 13 pairs of Optical sensor to automatically control the flow of fluid in the tube.
3. Should have an Automatic clamping and sealing device to control the flow of fluid in the tubing.
4. Should have a Protocol to drive the clamp functions.
5. Should be able to produce over 80% leucoreduced blood components by constantly removing buffy coat
6. Should be capable of mechanical separation and volume adlustements
7. Should be Compatible with Top & Bottom blood Pack System
8. Should provide log 1 leucoreduced blood components, with 5 days extended storage for platelets and 42 days extended storage for Red Cells.
9. Should have a laser display for operator use.
10. Should be compatible with the Bar coding System

Item No. 18

Blood Bank Refrigerator

General
Should operate at 4 ° C with +/- 1 °C temperature uniformity
Must be designed for blood bank use. Commercial or modified commercial refrigerators are not acceptable
Should be able to pass through standard door heights of 201 cm (79") with casters without requiring the unit to be tipped or laid on its side.
Should be CE marked.
Construction
Should have an interior and exterior that is constructed of minimum 20 gauge, galvanized steel.
Should incorporate)bacteria resistant, powder coated interior, exterior and door handle.
Should have a minimum non-CFC urethane insulation
Should utilize a self-closing door with full-length handle, key lock and non-CFC urethane insulation.
Should include swivel-locking casters as a standard feature.
Should incorporate a recessed interior floor to contain spills.
Should have a chamber access port in the top of the unit.
Should have an interior fluorescent light with control panel mounted switch as a standard feature.
Should have a light bulb that can be changed without removing the drawers.
Should have dual-pane, glass door and key lock with a right hand hinge.
Should have self-closing door system
Independent Temperature Controller
Should utilize an independent, microprocessor temperature controller that is programmable from $+2^{o}$ C to $+8^{o}$ C.
Should have a Microprocessor controlled temperature readout, readable in 0.1^{o} C increments.
Should have a stainless steel, RTD temperature probe that is located in the chamber.
Should have all functions accessible through a touch pad on the control panel.
Should have refrigeration system "On" indicator provided as a standard feature.
Independent Alarm / Monitor System
Should be able to program the high and low temperature alarms.
Should have audible and visual high and low temperature alarms as a standard feature.
Should have a stainless steel RTD temperature probe located in the top portion of the chamber in a product simulation bottle.
Should have audible and visual door ajar alarm as a standard feature.Must have all functions accessible through a touch pad on the control panel. Should have an alarm silence button.
Should have alarm disable switch. Should have remote alarm contacts as a standard feature.
Should have battery backup with a minimum of 2 hours life.
Should have a power fail alarm as a standard feature.
1.5 Temperature Recorder
Must have four inch, 7-day, ink-less, pressure-sensitive circular chart recorder.
Must have chart recorder temperature range of -5^{o}C to $+20^{o}$C.
Must incorporate a separate battery backup to ensure continuous operation of the chart recorder during power failure.
Must have temperature recorder probe that is independent from other probes.
Must have power status indicator.
Must have an optional deduction of the chart recorder.

. Should have LCD Temprature Graphs that should display 24 continuous hours of data and
event logging of door openings and alarm conditions.
. Should have adjustable alarm volumes and password protected configurations.
Refrigeration System
Must incorporate a heavy-duty, air-cooled refrigeration system designed to operate on 230 volt 50/60 Hz.
Must utilize non-CFC, commercially available refrigerant.
Must have an automatic condense evaporator as a standard feature.
Must have an internal evaporator fan that shuts off when the door is opened.
Must have a compressor that can maintain required chamber temperatures when operating between 200-240 volts and 50 Hz.
Must incorporate a defrost system that requires no defrost timer, electric heaters or defrost down time.
Must keep the refrigerator free of frost without elevating the chamber temperature.
Drawers
Must have solid bottom and liquid tight stainless steel drawers for containment of spills
Must incorporate Scratch-Guard drawer edge protectors that keep the glass from being scratched.
Must have fully extendable drawer slides.
Must have shelf standards with a clear powder-coated finish to guard against rust and corrosion.
Must have drawers that are adjustable
Must have optional drawer dividers available as an accessory.
Must have a cabinet designed to accommodate available optional half-size wire shelves, full-size wire shelves and rollout wire baskets with no cabinet modifications.
Electrical
External transformers are not acceptable.

Item No. 19

Blood Collection monitor
• Weighing range 100—999ml
• Automatic tare to zero for the bag weight.
• Adjustable low and high flow alarms.
• Adjustable donation time out up to 20 minutes.
• Adjustable default volume.
• Automatic clamp of tubing at the end of the
donation.
• Weighing accuracy +/- 2%.
• Power supply 115/230 VAC 50/60Hz
• Power consumption Max 10VA
• Dimensions - 290(L) X 253(W)X 150(H)mm
• Weigh: about approx 5kg incl battery
· Should have a data memory of approx 30000 characters
· Provision to attach bar code reader(optional) for capturing external data related to donor
· Internal fuses to be PTC-self recovery to ensure continuous operations
· Automatic Calibration Feature

Item No. 20

Cell Separator

Should be Fully automatic, Microprocessor controlled with easy access operator control panel and has a large touch screen.
Should Perform both Single and Double needle Apheresis.
During single needle procedure the equipment shpuld continue to process the whole blood during the return cycle to reduce the procedure time and increase the efficiency.
Should have auto elutriation separation technique to be able to collect platelets faster with high collection efficiency to help process less blood volume.
The disposable kit for the machine should be True Closed system disposable with pre-attached factory fitted ACD, Normal Saline and Needles as required.
Equipment should ensure all donor safety parameters before starting the procedure and all time during operation.
Should be Capable of collecting various single donor blood components including Peripheral Blood Stem Cells (MNC). Should be able to collect both single and double needle Platelet apheresis along with concurrent Plasma and/or RBC
Should be capable of fully automatic PBSC (MNC) collection .. Should be Capable of doing Prime only with Normal Saline and / or mixture of Normal Saline and ACD.
Should have a Inbuilt Cuff pressure and prompt grip for donor comfort and adequate blood flow.
Should have a Facility to use platelet additive solution and / or normal saline for re-suspension and storage fluid in place of plasma.
Machine should have a Advance help menu available at any time during alarm conditions.
Extra corporeal volume should not be more than, 21 Oml & 205ml in case of both single and double needle apheresis respectively ..
Should be equipped with a Yield estimator to help decide yield, volume to be processed and suggested storage fluid and should have a optical sensor at PRP line for online monitoring of component collection against the desired yield.
Should be Capable of downloading or printing full procedure report any time after procedure
Should be Capable to connect bar code reader if desired.
Should have rechargeable battery to store data and restart in case of power failure.
Should have Continuous monitoring of collection to avoid any contaminations through Interface detector.
Inlet and return flow rates should be up to 100 ml./min.
The separation of blood in the machine should be able to automatically maintain a constant hematocrit to improve collection efficiency and reduce contamination

Item No. 21

Deep Freezer -86 degree

VOLTAGE: **22OV15OHz CAP: 17. Cu.Ft /484 LITERS**

TEMP: -50 TO -86°C, MICROPROCESSOR CONTROL
- ACCESS PORT
- HEAVY-DUTY SWIVEL CASTERS
- HEAVY-GAUGE STEEL CABINET WITH LONG-LASTING POWDER PAINT FINISH
- SINGLE DOOR +KEYLOCK, DIGITAL DISPLAY
- REFRIGERATING FLUID & INSULATION: CFC FREE.
- ROUNDED INTERIOR CORNERS
- EYE-LEVEL CONTROLS
- TEMP: ALARM W/REMOTE ALARM CONTACT
- MICROPROCESSOR ALARM
- BATTERY BACK-UP
- AUDIBLE/VISUAL OVERTEMPERATURE ALARM
- LOW VOLTAGE BOOSTER

HOT GAS HALO HEART
FIVE (5) AIR INSULATED INNER DOORS
- FOUR (4) SHELVES —3 ADJUSTABLE
- BASE MOUNTED CONTROLS
- MULTI-POINT GASKET SEALS

AUTOMATIC VOLTAGE BOOSTER
- SET POINT SECURITY SYSTEM
- INDEPENDENT OPERATING TEMPERATURE AND HIGH/LOW LIMIT

ALARM
AUTOMATIC VOLTAGE BOOST
- ON-BOARD MONITORING
- AIR-COOLED CASCADE REFRIGERATION SYSTEM
- 2 X 1 HP BRISTOL AIR-COOLED COMPRESSORS (20 & 24 FT2 MODELS)
- 2 X $^1/_2$ HP BRISTOL AIR-COOLED COMFRESSORS (13 & 17 FT2 MODELS)
- EFFICIENT DOWNFEED EVAPORATOR
- HIGH CAPACITY AIR-COOLED CONDENSER
- HEATED DOOR SEALS (HOT GAS) MINIMIZES FROST BUILD-UP

AROUND DOOR GASKET
DOOR LATCH CAM ACTION WITH KEY LOCK, ONE HAND OPERATION
- DOOR HANDLE FULL LENGTH FOR EASY ACCESS
- CHARTRECORDER7DAY6”

Item No. 22

LAMINAR FLOW- VERTICAL
Hepa Filter : 99.999 % efficiency for particles >0.3 µm
Pre-Filter : 85 %efficiency for particles >0.5 µm
Particle Count : Better than US Fed Std 209B Class10 and VDI 2083 Class 3
Cabinet : Laminated High Quality Wooden Board
Work Table : AISI 304 Stainless Steel
Airflow Speed Control : Speed Controller (Three Step Speed Controller)
Blower : High efficient centrifugal type with lifetime lubricated bearings
Light : High intensity,low wattage >800 lux
Noise Level : <55 dBA
Standard Accessories : Air/gas cock and .mains power socket (16A)
Power Supply : 220-230 V,50 Hz.
Power Consumption : 400 w
Internal Work Space: 600mmx600mmx600mm
900mmx600mmx600mm
1200mmx600mmx600mm
1500mmx600mmx600mm
1800mmx600mmx600mm
Net/Packed Weight kg : 70kg/98kg to 185kg/257kg (Model specific)

Item No. 23

MOBILE BLOOD TRANSPORTATION BOX
Mobile Refrigerated Transportation Box - should be able to transport Packed Red Cells, Whole Blood, Platelets, Plasma at the required specific temperatures
Should be robust, light weight, portable Mobile Refrigerated Transport Box made up of rotationally moulded polyethylene
Temperature Range adjustable from -20 deg C to + 22 deg C
Capacity to Hold 25-30 blood bags of 450 ml
Should work on AC & DC power with the provision of attachemnt to vehicle battery.
Should have digital temperature display of the internal temperature with functional alarm systems to indicate variations in the
set temperature.

Should be CFC free refrigerant

Item No. 24

PLASMA EXPRESSOR
Mechanical plasma extractor.
Manual system – accept all kinds of blood bags.
Frame and construction in stainless steel
Transparent plate for visual control red cells / plasma
Powerful spring.
Dimensions (W x D x H) : 19 x 25 x 24 CM
Gross weight : 3 kg.

Item No. 25

PLATELET INCUBATOR & AGITATOR
PLATELET INCUBATOR
PLATELET INCUBATOR SHOULD HAVE THE PROVISION TO STORE THE AGITATOR FOR 48 PLATELET BAGS AGITATOR.
SHOULD HAVE CLEAR VIEW SINGLE PANE TEMPERED GLASS
AGITATOR SHOULD STOP AUTOMATICALLY ONCE THE DOOR IS OPENED.
SHOULD HAVE MICROPROCESSED CONTROLLED LED DISPLAY,TEMPERATURE GRAPH DISPLAY,
SHOULD HAVE STAINLESSSTEEL RTD SENSOR PROBES
SHOULD HAVE PROVISION FOR 4”7DAY INKLESS CHART RECORDER WITH BATTERY BACKUP FOR CONTINEOUS OPERATION DURING POWER FAILURE.
SHOULD HAVE ALL CONTROLS IN ONE CONVENIENT LOCATION INCLUDING CHART RECORDER AND ALARM KEY
SHOULD BE ABLE TO MAINTAIN A TEMPERATURE OF 22 DEGREES WITH +_. 1DEGREES VARIATION.
PLATELET AGITATOR
SHOULD BE ABLE TO STORE MINIMUM 48 RANDOM PLATELET BAGS OR APHERESIS BAGS OR BAGS OF DIFFERENT SIZES. With GENTLE SIDE TO SIDE MOTION (1 ½” 38MM)
SHOULD HAVE SINGLE FAN FOR FORCED AIR CIRCULATION.
SHOULD BE STURDY ONE PIECE DRAWERS WITH HOLES FOR COMPELETE AIR CIRCULATION ACROSS BOTH SURFACES OF PALATELET BAGS
SHOULD BE CE MARKED

Item No. 26

QUALITY MIXER
Should be A Automated Tube Stripper & Mixer to simplify & Standardize Stripping & Mixing of Blood in the tubing with the Blood in the Bag
for preparation of Good Quality Components & Elimination of Micro Clots in the Blood Bag Tube
THE Stripping & Mixing cycles should be adjustable from 3-10 for flexibility of usage in the Bleeding Room or for Quality Control
Dimensions-290L X 253 W X 150H mm
Max Weight –5 KG approx
Power Supply- 230VAC
Should be CE marked

Item No. 27

Refrigerated Centrifuge
Should be Floor Model Microprocessor controlled Refrigerated Centrifuge with 4 place wind shield swing out rotor with capacity to process 8 blood bags of 350ml or 450ml
Maximum RPM - 4900 & RCF- 5530xg.
Centrifuge must attained max. RPM & RCF.
Temp. range 0 to +40 degree C.
Have frequency controlled drive with automatic lid locking & holding .
Ergonomic rail grip for easy lid closing.
51 complete programs memory
Should Have Data Management System through RS232 port
Tamper Proof Password Protection
Dedicated PC software for Data Management & Analysis
LOG of atleast 50 run records on LCD display
Servo Controlled VoltaGe StaBILIZer of atleast 6 KVA should be included
SHOULD BE CE MARKED.

Item No. 28

Tube Sealer	
1.	Should be a hand held sealer for apheresis, Stem cell, leucoreduction processeas and should have anywhere mobility for multiple application.
2.	Should be supplied with one power source, hand held sealing head and one NICD rechargeable battery pack.
3.	Should do 1000 seals per fully charged battery pack and battery should fully be charged within two hours.
4.	Should be a smart sealer to adjust for different sized tubing.
5.	Tear seal feature to make segments that can be separated by hand.
6.	Should be certified for patient connected use.
7.	Lightweight and compact for ease of mobility. Total weight approx.3kgs.
8.	Should have PTC overload protection internal fuses to ensure continuous operations

Item No. 29

Real time PCR System

Thermal cycling system	Peltier-based system
Block Format	48 well blocks
Compatible consumables	48 well plates and 0.1 ml tubes / strip
Supported volume	10-30 µl
Peak block ramp rate	Above 4^0 C/Sec
Temperature range	4^0 – 100^0 C
Temperature accuracy	+/- 0.25^0 C (35^0 C to 95^0 C) of set point/display temperature, with the provision to measure at 3 minutes after clock starts
Temperature uniformity	+/- 0.50^0 C, 30 seconds after clock start
Optical system	Excitation single blue LED and detection by Photodiodes
Calibrated dyes at installation	FAM™ , SYBR ® Green I, VIC ®, JOE™ and ROX™ dyes
Passive Reference Dyes	Provision to use ROX™ or any calibrated dye as a passive reference to control for non PCR related variations. The software should have the flexibility to select/ deselect the reference dye.
Multiplexing capability	Triplex
Display	LCD/6.5 VGA
Quantitative PCR run time	Fast mode of 40 cycles in less than 40 minutes
Electrical	Compatible to India
Software	Applications: • Absolute quantitation • Relative quantitation (RQ) Allelic discrimination • Plus / Minus assays • Melt curve analysis for SYBR green based target optimizations. Licensed primer dsgning software (to custom design primers and probes) should be included. Quick start capability to collect data for all wells without plate setup. E-mail notification after completion of a run including notification of errors. Availability of the data from the run for immediate analysis from remote locations.
Instrument control	With or stand alone controls without PC. Also can be controlled through LAN.
Sensitivity	Detection of ten copies at a confidence level of 99.7%
Dynamic range	9 logs of linear dynamic range
Precision	With appropriate instrument verification plate, the system should distinguish between 5,000 and 10,000 template copies with 99.7% confidence.
Data transfer capability	Data transfer possibility using USB drive/ port
Supporting chemistries	
Availability of validated assays	Vendor should be able to upply Taqman and SYBR green assays (probe and primer combinations) which are prevalidated for large number of genes/ pathways for multiple species for gene expression, genotyping, copy number determination and small RNA analysis.
Computer	Vendor should supply a branded PC with necessary configuration to perform all applications
PCR license	Vendor should have a validated license for PCR

Item No. 30

Ultrapure water purification system

1. It should be single stage system – produce, endotoxin and bacteria fre and virus fr ultra pure water directly from potable water supply
2. It should be supplied with 25 L docking vessel (docking the water Purification system on L-shaped vessel to save space).
3. It should have recirculation facility to maintain consistant peak water purity.
4. It should have RS 232 interface.
5. Instrument should show water volume in reservoir graphically in percentage.
6. It should have cartridge change indicator.
7. The production rate of the unit should be (7-10) L/Hr and flow rate should b Minimum 1.0 L/min.
8. Unit should be upgradable from (7-10) L/Hr to (14/20) L/Hr in future if
   It should have dual wavelength UV (185/254 nm)
9. It should be suitable for PCR work.

Output water quality should be:

Flow rate	**:**	**(7-10) L/Hr @ 15^0 C**
Dispensing rate	**:**	**1.0 L/min**
Inorganics	**:**	**18.2 MΩ – cm @25^0 C**
TOC	**:**	**(1-3) ppb**
Bacteria	**:**	**<0.1 CFU/ml**
Endotoxin	**:**	**<0.001 EU. Ml**
RNase	**:**	**<0.002 ng/ml**
DNase	**:**	**<20 pg/ml**
pH	**:**	**Effectively neutral**

Item No. 31

Mobile C-arm Image Intensifier
Features - Generator
Microprocessor controlled High Frequency generator with 2.5kW or More with integrated beam filters to reduce patient skin radiation dose.
Collimator: IRIS or multi leaf
X Ray mode (kV & mA range):
kV- range : 40 - 110 kV
Fluoroscopy-
a) Fluoroscopy should not exceed 5 mA .
b) Pulsed Fluoroscopy with last Image Hold
Radiography –
Radiographic mode for cassette exposures: minimum of 20mA
Image Intensifier:
9”or More Triple Mode Image Intensifier with Hi – resolution CCD Camera
Image Processing:
a) Minimum 12 bit Digital Fluoroscopy Imaging Unit with dedicated video pipe-line processor
b) Archival memory CD/DVD mode.
c) Detachable Cassette holder for film recording.
d) Complete Hi end and latest computer system with required licensed software for image capture, storage, post process, retrieval, print, transfer and patient data storage.
Image Display:
Two 18” TFT/ LCD High resolution, high contrast and flicker free Monochrome Monitors of at least 1024 X 1024 matrix .
Soft Tissue filters to be provided for better visualisation of soft tissues.
System Functionality:
Vertical ,Horizontal and Orbital Travel should be available
C arm rotation +/- 130 degree or more
The System should be DICOM ready
Accessories:
a)Wrap around light weight vinyl Lead Aprons with 0.5 mm lead equivalence certified by BARC or AERB or ISO : 6 (Six Nos.) with Neck guard
The system should perform DSA with acquisition of 6 frames per second or more, real time and peak hold , road mapping, annotation, re-masking and multi image display.

Item No. 32

Fibre Optic Bronchoscope

1. FIBEROPTIC BRONCHOSCOPE
Secondary Bending section for Easier Insertion
Integrated Light cable of scope.
Should be compatible with Electrosurgical unit, Yag-laser & Diode laser.
Viewing Direction - Forward.
Observation Range - 1 - 50 mm or better
Field of View - 120 - 130 DEG
Distal End Diameter - 5.7 - 6.0 mm
Flexible Portion Diameter - 5.7 - 6.0 mm
Bending Capability - UP-Minimum 180 Deg
DOWN-Minimum 130 Deg
Forcep Channel Diameter - 2.8 mm or more
Working Length - 550- 600mm
Total Length - 750- 920mm
Telescopic Eyepiece
Operating Section Should be Submersible.
ALONG WITH STANDARD ACCESSORIES.
#Scope should be Fully insulated for all theraputic procedures to be done with Electrosurgical unit.
2. Light source:Halogen 150 watts with white light output
3. Leakage tester
The product should be ISO,CE,US FDA Certified.

Item No. 33

Syringe Pump

Tubing Power/battery operated
Flow rate should be - 1ml to 199.9 ml/hr
Should be compactable with all Indigenous syringes – 10ml to 50 ml
Accuracy should be +/- 2%
Should have facility for bolus infusion
Infusion volume limit : 50-60ml, programmable
Safety alarms- Power Failure, Low battery, Occlusion, No syringe,.
Near End, End of Infusion etc
Display – Rate select, Volume infused, Delivery rate, etc.
Should have adequate battery life for atleast 2 hours
Standard accessories – Clamps & Extension
ISO and CE certified. FDA Approved

Item No. 34

INTRA ORAL, DIGITAL RADIOGRAPHY/IMAGING

UNIT FOR DIGITAL INTRA ORAL RADIOGRAPHY.
WALL MOUNTED OR UNIT MOUNTED FLEXIBLE SUSPENSION.
SYSTEM, EASY ADJUSTMENT AND POSITIONING.
Comprising
• Tube head
• Control unit
• Suspension system
• X-ray sensor, ccd
Functions / specifications:
Tube head:
• 70 kv, multi-pulse 10 ma.
• Focus spot: 0.8 x 0.8 mm
• Focus-skin distance: 200 mm
• Radiated field at end of cone: dia = 60 mm
• Total filter: min. 2.1 mm al.
Control unit:
• Exposure release control, l (cable) min: 3 m
• Exposure time settings, range, min: 0.05-3.2 sec.
Suspension unit:
• Manoeuvarability
• Vertical min. 270 degrees
• Horizontal 360 degrees
To be supplied with:
1 pack of sensor covers, 100 pcs

Item No. 35

Ultrasonic (Piezo) Bone Surgery Unit

Ultrasonic Bone Surgery Unit should work on Piezo electric waves. The frequency of Oscillation should be between 24KHz to 30KHz and should have low modulation 10-60Hz. And high power of 90Watt.

Piezo Surgery Unit should have 10 out put levels from 1 – 10.

Should have 10 working levels it can be adjusted to function.. Piezo surgery cuts on hard tissue like bone tooth it does not harm soft tissue like membrane or nerves. So that it simplifies complicated surgical procedures and the time of surgery is reduced
Should supplied with One handpieces and 5 surgical tips. Handpiece Sleeve should be Autoclavable.

Surgical Tips should be made of Titanium.

Surgical tips are fixed on Handpiece by Morse taper threads So that it gives more power to the tips.

Piezo surgery unit should have digital display. And feather touch buttons.

Should have automatic feedback system for constant control of power of ultrasound.

Should be supplied with a wrench for tightening the tips.

Should be able to provide micrometic and selective cuts.

Should be used for root debridement, root planning, and bone harvesting.

It should be supplied with autoclavable bur holder with cover to keep the tips in sterile condition.

Bone Surgery Unit Should have Flux Meter, which helps in checking constant water flow
to the handpiece if water supply is interrupted it stops the unit thereby protecting the
Handpiece and the Bone by not allowing it to get over heated..
Ultrasonic Bone Surgery Unit can be used for the following procedures:-
Maxillo-facial surgery.
Surgery (Tooth Extraction, Cystectomy, Osteotomies, Lateralization, of the lower alveolar nerve).
Periodontology (Scaling, regenerative surgery).
Implantology (Split-crest, Bone grafting, Maxillary sinus floor lifting).
Endodontics.
Aesthetic Surgery (Remodelling)

Item No. 36

Bed weighing Scale

Capacity : 300 Kg
Maximum Patient weight: 150 Kg
Resolution: 100 gm up to 200 Kg
: 200gm above 200 Kg
Can be fixed under patient bed
Digital display can be fixed on the bed as well as on the wall.
Scale works on mains as well as rechargeable battery
The previously determined weight of the weight is noted in the system and
accurate weight of the patient is determined.

Item No. 37

GENERAL INSTRUMENTS SET FOR GENERAL SURGERY
All the instruments sholud be CE,FDA,MDD & MDA Approved

Deaver retractor with light source	No	1
Roberts Artery	No	5
nerve hook (sharp and blunt)	set of 2	1
mixter 8"	No	2
Vein loop retractor	set of 5	1
Bladder retractor millin	No	1
Lung retractor Allison	No	1

Lung spreader	No	1
Lung holding forceps	No	1
Lung grasping forceps	No	1
Ring retractor with four blades	No	1
Balfour's retractor adult	No	2
Aneurysm needle	No	1
Skin graft handle with holder (2)	No	1
Diamond forceps	No	2
CLIP APPLICATOR ALL SIZES	No	4
		4
		4
		4
		4
		4
		4
		4
Vagotomy hook	No	1
Deaver retractor set	No	1
		1
		1
		1
male dilators x 3	set of 15	3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
		3
metal catheter	No	1
female dilators x 3 HEGAR UTERINE DILATORS SET 14 PIECES PER SET 4.0,-17.0 MM 18.5 cm,7,1/4"	set of 14	3
folly's adopter	No	3
Farabeuff retractor	No	1
Lord's dilator (for fissure fistula)	No	1
Vericos vein stripper Consist of:	No	2

NABATOFF VARICOSE VEIN PROBE SET WITH: 1 metal case , 1 handle,1 metal probe tip,1 plastic probe tip, 1 metal olive 6 mm, 1 metal olive 9 mm, 1 metal olive 12 mm, 1 flexible cable		
1 METAL CASE135X100X25 MM		
1 MATAL PROBE Tip		
1 METAL OLIVE 6 mm Æ		
1 METAL OLIVE 9 mm Æ		
1 METAL OLIVE 12 mm Æ		
1 HANDLE		
1 PLASTIC PROBE TIP		
FLEXIBLE CABLE ,90 cm		
Currete assorted set of six	No	1
		1
		1
		1
		1
		1
Mouth gag (Cheek retractor)	No	1
		1

LAPROTOMY EXTRAS x 2

Robert's artery forceps curved 8"	No	6
Artery forceps curved 9" fine	No	4
Kochers Clamps 9" curved	No	4
Kochers Clamps 9" straight	No	4
Scissors Mc Indo Curved 9"	No	1
Needle Holder 8" Mayo hegar	No	1
Needle Holder 9" debakey	No	1
Diss. Forceps plain 9"	No	2
Diss. Forceps tooth 9"	No	2
Sponge Holder 10"	No	4
B.P. Handle No.7	No	1
B.P. Handle No.7L	No	1
B.P. Handle No.4L	No	1
Intestinal Clamp Straight Adult	No	4
Intestinal Clamp curved Adult	No	4
Kelley Retractor (Big)	No	2
Kelley Retractor (Small)	No	2
Retractor Doyens	No	2
Retractor Deaver's adult	set of 4	1
Retractors Lengenback 1.5cm X 3cm	No	2
Retractors Lengenback 1cm X 4.5cm	No	2
Retractors Malleable 4.5 X 30cm	No	1
Suction tip Pooles	No	1

Payr's intestinal clamp	No	2

A. V. FISTULA EXTRAS x 2

Dissecting forceps toothed 6”(fine)	No	1
Dissecting forceps plain 6”(fine)	No	1
Towel clip	No	6
Mayo scissors 6”st.	No	1
Mayo scissors 5”cd	No	1
Iris scissor cd.	No	1
Iris scissor st.	No	1
Needle holder fine 4",5"	No	1
		1
Mosq. Artery forceps st.baby	No	2
Mosq. Artery forceps cd.baby	No	2
Probe with eye	No	1
Mostoid self retaining retractor small	No	1
Diss. Forceps attrigrip 5"	No	1
Mixture clamp 5"	No	1
Lacrymal duct	No	1
Langenback retractor small	No	2
Micro		
Dissecting forceps micro plain 6"	No	1
Dissecting forceps micro plain 6"ang.	No	1
Spring scissors 5" curved	No	1
Spring scissors 6" straight	No	1
Spring scissors 6", 45 deg. Potts	No	1
Needle holder spring 6" curved	No	1
Needle holder spring 6" straight	No	1
Venesection cannula 16,18,20	No	1
Bull dog clamps 2" (jaw size 1") st.ang.	No	2
		2
Bull dog clamps 2" spring cd.	No	2
Jweller forceps	No	1

SKIN GRAFTING EXTRAS x 2

Needle holder fine 5" & 6"	No	1
Needle holder gillies	No	1
Scissors mayo straight 5"	No	1
Scssors metz.4.5", 5" 6"	No	1
		1
		1
Perostal elevator	No	1
Skin graft handle with scale	No	1

TRACHEOSTOMY SET x 2		
B. P. Handle No.3	No	1
Towel clip 5"	No	4
Dissecting forceps toothed 6"	No	1
Dissecting forceps toothed 6"	No	1
Scissors mayo straight 7"	No	1
Scissors metz. curved 7"	No	1
Scissors pointed 5"	No	1
Needle holder 6"	No	1
Mosquito artery forceps st	No	2
Mosquito artery forceps cd	No	2
Artery forceps cd. 6"	No	2
Sponge holder 8"	No	2
Two prong retractor blunt	No	2
Tracheal dilator	No	1
Langenback retractor small (1 x 2 cm)	No	2
Self retaining retractor small mastoid	No	1
Kilner retractor	No	2
Sharp hook	No	1
S.S.Bowls	No	4
S.S.Kidney tray 10"	No	2
Item No. 38		
Gynaec Surgery Instrument Set		
All instruments should be CE,FDA MDD & MDA Approved		
DILATATION AND CURETTAGE SET x 1		
B.P.Handle No.7	No	1
Towel Clip Bachous	No	6
Diss. Forceps Plain 8"	No	1
Diss. Forceps Tooth 7"	No	1
Scissor Mayo St. 7"	No	1
Scissor Mayo Curved 7"	No	1
Needle Holder – Mayo Hegar 7"	No	1
Artery Forceps St. 6"	No	1
Artery Forceps Curved 6"	No	1
Sponge Holder St. 10"	No	2
Sponge Holder Curved 10"	No	1
Tanaculam Forceps	No	2
Valsellum Forceps	No	2
Allis Forceps 8"	No	2

Uterine Probe (Sound)	No	1
Uterine Curette sharp, blunt (set of 6)	No	1
		1
Double Ended Curette	No	1
Sim's Speculam small	No	1
Sim's Speculam Medium	No	1
Sim's Speculam Large	No	1
Anterior Vaginal Wall Retractor	No	1
Metal Catheter	No	1
		1
		1
		1
		1
		1
		1
Ovum Forceps (Small)	No	1
Ovum Forceps (Big)	No	1
Yonkar Suction Cannula	No	1
Half dilators (S shaped) (1 - 15) set	set	1
Gynac Biopsy Punch Forceps Small	No	1
Gynac Biopsy Punch Forceps Big	No	1
Collins Cannula (No. 1, 2, 3)	No	3
Rubin's cannula	No	1
S.S.Bowls 10 cm	No	4
S.S.Kidney tray 12"	No	2

TUBOPLASTY SET x 1

Allis forceps 6"	No	2
Aneurysm needle (curved to left)	No	1
Aneurysm needle (curved to right)	No	1
Artery forceps mosquito curved	No	6
Artery forceps mosquito straight	No	4
Babcock 6"	No	2
Dissecting forceps Adson Plain	No	1
Dissecting forceps Adson Toothed	No	1
Needle holder mayohegar 6"	No	1
Needle holder curved 8"	No	1
Probe with director	No	2
Probe grooved 6"	No	1
Langenback retractor medium	No	2
Round ligament forceps	No	1
Scissors fine curved 5"	No	1

Scissors fine straight 5"	No	1

Vaginal Hystectomy Set x 1

B.P.Handle No.3	No	1
B.P.Handle No.4	No	1
Diss. Forceps Plain 16cm	No	1
Diss. Forceps Plain 20cm	No	1
Diss. Forceps Tooth 20cm fine	No	1
Diss. Forceps Tooth 20cm	No	1
Diss. Forceps Tooth 16cm fine	No	1
Diss. Forceps Attri. 20Cm	No	1
Diss. Forceps Fine Plain 20cm	No	1
Artery Forceps St.16cm	No	2
Artery Forceps Curved.16cm	No	6
Artery Forceps Mosquito curved	No	5
Artery Forceps Mosquito curved	No	5
Artery Forceps Mosquito St.	No	2
Heaany's Clamp	No	6
Valsalum Forceps Curved	No	2
Allis Forceps 20cm	No	6
Allis Forceps 16cm	No	6
Babcock Forceps 20cm	No	2
Babcock Forceps 16cm	No	2
Tanaculum Forceps 25cm	No	3
Artery Forceps Long Curved 23cm	No	2
Kochers Clamp 20cm St.	No	2
Kochers Clamp 20cm Cu.	No	4
Hysterectomy Clamp 23cm	No	6
Needle Holder 20cm	No	1
Needle Holder 15cm	No	1
Needle Holder 16cm	No	1
Scissors Mayo St. 15cm	No	1
Scissors Mayo St. 18cm	No	1
Scissor Mayo Curved 17cm	No	1
Scissor Mayo Curved 18cm	No	1
Scissor Mayo Curved 20cm	No	1
Sponge Holder 10" St.	No	2
Sponge Holder 10" Cd.	No	2
Avard Vaginal Spaculam Handle	No	1
Avard Vaginal Spaculam Weight	No	1
Avard Vaginal Spaculam Blade	No	1
Avard Vaginal Spaculam Blade	No	1
Sim's Spaculam	No	1
Sim's Spaculam Blade Guide	No	1

Sim Speculam Medium	No	1
Sim Speculam Large	No	1
Uterus Holding Forceps	No	1
Anterior Vaginal Wall Retractor	No	1
Jackson Retractor	No	2
Suction Cannula Trizer No.4	No	1
Towel Clip	No	6
S S Bowls 10 cm	No	2
S S Kidney tray 12"	No	1

ABDOMINAL HYSTERECTOMY SET x 1

B.P.Handle No. 3	No	1
B.P.Handle No. 4	No	1
B.P.Handle No. 7	No	1
Desecting Forceps Plain 6”	No	1
Desecting Forceps Plain 9”	No	1
Desecting Forceps Tooth 6”	No	1
Desecting Forceps Tooth 8”	No	1
Desecting Forceps Atragrip 6”	No	1
Desecting Forceps Atragrip 8”	No	1
Adson Desecting Forceps Toothed	No	1
Towel Clip	No	10
Mayo Scissors 6” St.	No	1
Mayo Scissors 8” St.	No	1
Mayo Scissors Cd. 8”	No	1
Metz Scissor Cd. 6”	No	1
Metz Scissor Cd. 8”	No	1
Suture Cutting Metz Scissor 8”	No	1
Mayo scissors 6” cd.	No	1
Needle holder 7”	No	1
Needle Holder 6”	No	1
Needle Holder 6” (Mayo Hegar)	No	1
Needle Holder 8”	No	1
Needle Holder 9”	No	1
Mosq. Artery Forceps Cd.	No	5
Mosq. St. Artery Forceps	No	5
Artery Forceps 6” Cd.	No	12
Artery Forceps 8” Cd.	No	6
Kocher's Clamp St.	No	2
Kocher's Clamp Cd.	No	4
Henis clamp cd, straight	No	6
		6
Allis Forceps 6”	No	4

Allis Forceps 8”	No	6
Babcork Forceps 6”	No	2
Babcork Forceps 8”	No	2
Sponge Holder St.	No	2
Sponge Holder Cd..	No	2
Suction Hp. No. 4	No	1
Yanker's Suction	No	1
Doyens Ret	No	2
Deaver's Ret (Assorted)	No	1
		1
		1
		1
		1
Deep Abdominal Ret	No	2
“C” Shaped Retractor	No	1
		1
		1
Malleable Ret	No	2
Vaginal Ret.	No	2
Langenback Ret.	No	1
		1
Mixture Clamps (BJ055R / BJ012R)	No	1
Uterus holding forcep	No	1
Peritonium forceps	No	1
S S Bowls	No	2
S S Kidney tray	No	1

Ceasarian set x 2

B.p handle no-3	No	1
B.p handle no-4	No	1
Dissecting forceps fine toothed 14cm	No	1
Dissecting forceps adson plain 12.5cm	No	1
Dissecting forceps adson toothed 12.5cm	No	1
Dissecting forceps Atragrip 20cm	No	1
Dissecting forceps Atragrip15cm	No	1
Dissecting forceps plain 15cm	No	1
Dissecting forceps toothed 20cm	No	2
Cord clip	No	1
Towel clip backhus	No	5
Allis forceps 16cm	No	6
Allis forceps 20cm	No	2
Babcork forceps 16cm	No	2
Babcork forceps 20cm	No	2
Artery forcpes st 16cm	No	8

Artery forcpes cd 20cm	No	4
Artery forcpes cd 16cm	No	12
Needle holder 18cm	No	1
Needle holder 20cm	No	1
Needle Holder15cm	No	1
scissors mayo cd 16cm	No	1
Scissors mayo st 20cm	No	1
Episectomy scissors	No	1
McIndo scissors cd 23cm	No	1
Suture cutting wave scissors 18cm	No	1
Uterine scissors (sims) 20cm	No	1
kocher's clamp cd	No	2
Kocher's clamp st	No	4
Green Armitage forceps	No	6
Sponge holder 26cm	No	4
Yankurs suctions tip	No	2
Frizer suction tip cannula NO-3	No	1
C' shaped retractor	Set of 3	1
		1
		1
Doyans retractor	No	2
Morries retractor	No	1
Doyen's skin clip	No	1

FEMALE DILATOR SET x 2

Stainless Steel Bowl 8cm	No	1
Stainless Steel Kidney Tray Small	No	1
Artery Forceps Straight 8”	No	1
Dissecting Forceps Plain 6”	No	1
Hegars Dialators No. 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 9, 10, 11, 11.5, 12.5, 13, 13.5, 14 (One Each)	No	19
Scissor Mayo Straight	No	1
Folleys Adaptor Plain	No	1
Sim's Vaginal Speculum Small	No	1
Sponge Holder	No	1
Towel Clip	No	4
S.S.Bowls 10 cm	No	2
S.S.Kidney tray 12"	No	1

Item No. 39

Operating Microscope for Orthopaedics

With apochromatic optics,stereobase 25mm for high 3-dimensional perception narrow angle illumination

Rotation around vertical axis 540 degrees

Lateral tilt +/-40 degrees

Inward inclination 30 degree

Upward inclination 120 degree

Motorized zoom 1:6 (1.3 to 15 X magnification)

Motorized continuously variable internal focus system from 224 to 510mm via one front lens, spot selector, ASC (Automatic Speed Control) Tiltable eyepiece head 200 degrees with PD adjustment , 2 wide angle oculars 10X

With diopter fixing screw, 2 ergonomic handles, individually adjustable

With integrated function keys for focus, zoom and programmable functions

24V power supply outlet for auxillary equipment, 1 set of caps

Floor stabnd with Xenon and magnetic clutches

Mobile microscope floorstand with lock in provisions; fixed coloumn 1110mm height ; articulated microscope arm with automatic weight balance and rotatable joint arm ; high lead clearance

Arm Length : 1500mm

Motorized brakes of new technology (self calibrating) and free floating characterstics of articulate arm (patient pending) ; one button motorized fine-balancing; special arm cover for integration of all cables; integrated 180 Watt Xenon light source with fiber optic cable and Xenon spare bulb 180W; Continuously adjustable light intensity ; integrated bi-directional computer interface RS 232 for neuro – navigation

USER friendly touch screen control panel for software guided individual setting of motorized microscope and light functions , USER profile settings(12) ; integrated self test function and service programme ; integrated connection socket for foot switch

Beam splitter 30:70

Light Router LR-1000 with tiltable binocular tube 200deg

C mount and 3 CCD SONY colour video camera

SONY Medical Grade Monitor & Computer with DVD recording facility

Item No: 40
Ortho Table C-Arm Compatible
· Base cover, Column casing, Table top frame, traction bars and Accessories to be Steel.
· Radiolucent , Sectional Table Top
· Three sectional back plate with Two detachable shoulder segment.
· Seat plate with detachable buttock support
· Perineal rest
· Detachable divided leg plate
· Two foldable traction bars in orthopaedic extn device.
· Guide rails beneath the seat plate for X-ray cassette insertion
· Detachable pads made of foam core, approximately 60mm thick, Radiotranslucent electrically conductive

· T-base and rolls on casters for longitudinal and lateral movement
BATTERY POWERED/MAINS OPERATION
· Height adjustment – 680-1120mm
· Lateral tilt Left/Right 20 – 20 Degree
· Trendelenberg – 15-30 degree
· Reverse Trendelenberg – 15-25 degree
· Back Plate Up – 50-80 degree
STANDARD ACCESSORIES
· Orthopedic Traction
· Arm board
· Anesthesia Screen
· Infusion Stand
· Body strap
· Accessory stand Mobile
SPECIAL ACCESSORIES FOR
· Humerus, Tibia, Femur nailing
· Interlocking Nailing of Femur in Supine position
· Accessory for hip surgery
· Genucubital position with a chair accessory with Up/Down movement
· Hand Operating Table
· Knee positioning device for arthrotomy and arthroscopy and control
· Thoracic and Pelvic plaster cast
· Skull traction and head rest for cervical spine surgery
· Beach chair position accessories

Item No. 41

PAEDIATRIC BASIC INSTRUMENT SET

All the instruments should be CE,FDA,MDD & MDA Approved

Dissecting forceps plain 6”	No.	1
Dissecting forceps toothed 6”	No.	1
Dissecting forceps Fine toothed	No.	1
Adson dissecting forceps plain	No.	1
Adson dissecting forceps tooth	No.	1
Towel Clip	No.	4
Scissors Metz cd 4”	No.	1
Scissors Metz cd 5”	No.	1
Scissors Metz cd 7” TC	No.	1
Suture Cutting Scissors 5”	No.	1
Iris Scissor st.	No.	1
Iris Scissor Cd.	No.	1
Mayo scissor 7" st.	No.	1
Mayo scissors cd. 7" TC	No.	1
Mayo scissors st. 8"	No.	1
Needle Holder 4” fine	No.	1
Needle Holder 5” fine	No.	1
Needle Holder 6” Mayo hegar	No.	1

Needle Holder fine 7"	No.	1
Mosq. Artery Forceps St.	No.	2
Mosq. Artery Forceps cd.	No.	6
Baby mosq Artery Forceps St. 4”	No.	4
Allis Forceps 4”	No.	4
Allis Forceps 6”	No.	2
Babcock Tissue Forceps 4"	No.	4
Babcock Tissue Forceps 6”	No.	4
Pead. Intestinal Clamp st & cd	No.	2
		2
Kocher's Clamp ST 6”	No.	2
Kocher's Clamp cd 6”	No.	2
Lung Holding Forcep paediatric	No.	2
Sinus forceps	No.	1
Sponge Holder 8"	No.	4
Pead. Deavors retractor	Set of 4	1
Two Pronge Ret.paediatric	pair	2
Kilner's retractor blunt	pair	2
Probe and director	No.	1
Skin Hook's	pair	1
		1
Balforce Retractor Paediatric	No.	1
Pead Chest Spreader Two bladed	No.	1
Largenback Ret (Small)	pair	1
Largenback Ret (medium)	pair	2
Doyen's paediatric Retractor	pair	2
Four Pronge Retractor paediatric	pair	2
Vein Loop Retractor	pair	2
Suction tip no- 1, 2	No.	1
		1
Suction tip Yankeurs Paediatric	No.	1
Suction tip Pooles paediatric	No.	1
“C” Shaped Retractor assorted paediatric	pair	2
		2
		2
Self Retaining Ret Paediatric	No.	1
Payr's paediatric clamp	No.	1
Double ended scoop	Set of 3	1
		1
		1
Malleable Relt (Assorted paediatric)	Set of 4	1
S.S.Bowls 10 cm	No.	4
S.S.Kidney tray medium , small	No.	1

		1

Item No. 42
Auto Stainer
High throughput robotic stainer to process up to 11 racks at one time.
Simultaneous staining of various different staining protocols.
18 reagent stations and 5 wash stations of 450 ml capacity.
Programmable for 15 programs of upto 25 steps with incubation time setting fro 0 to 99 minutes 59 seconds.
Integrated oven with temperatures setting from 30º to 65º for optimal slide drying.
Continuous loading and unloading of slides via rack entry and exit door.
Agitation programmable from 0 to 20 times or continuous.
Programmable up and down movement of robotic arm.
Fume extraction fan with charcoal filter to remove hazardous fumes.
Gentle vibration to slide rack during lifting to reduce carry over contamination.
Audible warning buzzer in case of any error during operation.
Should be CE approved.

Item No. 43

Cryostat system

Section machine selection 1 – 60 um in
1 um steps from 1 to 10 um
2 um steps from 10 to 20 um
3 um steps from 20 to 60 um
Maximum specimen size is 55mmØ
Total horizontal specimen feed 25 mm
Total vertical specimen store 50 mm
Specimen orientation with o positioning 8º x/y part of standard delivery.
Trimming – via motorized coarse feed.
Motorised coarse feed – 2 speed setting rapid: 0.65 mm/sec. Slow" 0.3 mm/sec
Refrigerating capacity:
Temperature selection range - 0º to – 30º C
Time required to refrigerate to -30º C approximate 3 hours at 22º C
ambient temperature.
Chamber defrosting automatic hot gas defrosting cucle duration 8 min
starting time freely programmable.
Manual defrost cycle on demanding temperature of quick freeze shelf max
-45º at a cryo chamber temperature of -30º C
Quick freeze shelf defrosting – manual defrost in demand.
System should be FDA and CE marked.

Item No. 44

Cytospin

Centrifuge should be designed fo rteh preparation of cytological specimens.
Should have program memory storage in case of power failure.
Should have spinning speed programmable for speeds of 200 – 2000 rpm.,
Should have time window to display programmed time and remaining time from 1 – 99 minutes.
Safety alarm – audible alarm if the centrifuge is out of balance, outside the speed tolerance or if the lid is not properly locked.
Unit should not spin if the lid is not locked
Specimen safety alarm should be incorporated; users to be reminded in specific intervals to remove specimen, protect hem from air drying and improve consistency of results.
System design should prevent accidental spillage and should allow for easy disinfection.
System should have CE, GS, and UL certifications.
Enclose Gold standard products with supporting documents like traceability certificate and QC certificates.
Country of origin certificate along with date of manufacture certificate mandatory.
Should provide FDA / CE certifications.

Item No. 45

Fully Automated Immuno Analyzer

Fully automated, latest and bench top analyzer to perform the qualitative and quantitative analysis of Hormones, Cancer Markers, Cardiac Markers, and other special Immuno assays from serum, and plasma
samples

System should be Discrete, fully selective random access with a provision to test STAT samples

System should be using the latest electro chemiluminescence principle for measuring the assays with very high sensitivity and linearity.

System should have facility for on-board programs for at least 75 different test parameters and the reagents should be available from the same manufacturer.
Onboard sample capacity should be at least 30 or more at one time loading
System should have a routine throughput of 80 tests / hr
Incubation times for the assays should be between 5 - 15 minutes
Assay time should be between 10 – 20 minutes
System should have reagent slots for a minimum of 15 - 20 assays
System should have on-board cooling facility to maintain the temperature of the reagents

Flexibility to use different sample containers like primary tubes with different sizes, sample cups, e for easy processing.
Sample volumes should be less than 10 - 50 ul per test.
User defined onboard sample dilution is must (1 – 400 times)
System must use disposable cups and tips for all immuno assays to prevent any carryover

contamination to have reliable patient results.

System to use latest mixing probe technology to mix the samples and reagents to have complete uniformity with clot detection facility

Systems should have the facility to test special Immunoassays parameters like Troponine T, pro BNP,

S100, Vit D3, Vit B12, ACTH, anti TSHR, Intact PTH, anti CCP, anti HCV, PAPP-A, Procalcitonine, Hepatitis B Marker assays besides the other routine immunology parameters.

On-board reagent stability should be up to two months and calibration of the parameter should be

typically with lot based. No daily calibration should be required by the system to save the reagents.
System should have on-board windows based data control work station with 15" TFT LCD color monitor for programming the tests and entering the patient data.
System should have the facility to store minimum of 2000 test results
System should built in printer to take printout of patient results

Patient samples and Reagents can be scanned with on-board barcode scanner for easy operation.

System should have 2 x RS 232 bidirectional interface and in-built modem for remote diagnostics access.
Power supply – 220 V / 50 Hz

Item No. 46

QBC Blood parasite detection system

Should supply complete system with UV Micro Adaptor, Illumination, Fibre Optic cable, Paraviewer, spare lamp, Immersion Oil, Centrifuge malaria atlas.

Paralens assembly consisting of Focusing lens, 470 nm – 490 nm wavelength, Excitation filter, dichroic beam splitter, 1.0 N.A, 60x oil immersion lens, 520 nm, wavelength barrier filter and standard royal microscopic threading.
Illuminator should have LED light source consisting of Rheostat controlled illumination.
Fibre Optic cable transmits white light illuminator.
Paraviewer tube holder for direct examination of capillary tube under the microscope.
Immersion oil (7cc)
ND = 1.5150 ±0.0002
ND temp coeff = -0.00031 /+deg C
Ne = 1.5180 ± 0.0002
Abbe Ve = 42.6
Nf-Nc = 0.0120
cSt = 1250 ± 10%
Flouresecence = low

To be supplied with monocular microscope
System should have CE, GS, and UL certifications.
Enclose Gold standard products with supporting documents like traceability certificate and QC certificates.
Should provide FDA / CE certifications.

Item No. 47

Research Microscope Unit

Wide field 10X plan eye pieces with plan achromatic objectives 5x, 10x 40x and 100x (oil immersion)
Latest technology LED type high power white light illumination.

X-Y stage with interchangeable left/right hand operations for bith type of users.

Focus control with coarse and fine focuses facility

Latest type highly scratch-proof hard plate ceramic stage.

Trinocular, 30-35º viewing angle with reasonable inter papillary adjustment 50 – 802 mm.

Flourescence with 50W Hg illumination with filters for UV, Blue and Green excitations.

Peltier cooled digital camera with 10 mega pixel live resolution and upto & MP scaled resolution.

CCD sensor size of 8.10 x 6.64 mm (1/1.8 inch CCD sensor)

12 A/D converter with 36 bit color depth image.

2 x 2 Binning facility (Optional)

Camera should have provisions of both color and grey scale images.

Dilussion device for two observers.
Universal condenser.

Microscope for phase contrast, dark field, photomicrography, CC TV, polarizing, Flourescet microscopy,
Dual observation tube, Trinocular head, Infinity corrected optic system.
In-house training and free installation to be provided.
System should be FDA and CE marked.

Item No. 48

Semen analyser

System should not require any sample preparation.

Should measure three WHO recommended parameters.

Should be extra sensitive for extremely poor specimen and efficacy validation of vasectomy.

Measuring time should be typically 45 secs.

Should use the principle of light modulation by motile sperm cells.

Built in printer should be provided and report should contain:
Total functional sperm concentration
Total sperm concentration
Percentage of motile sperms
Percentage of normal morphologies
Sperm motility index

Should provide objective reports using TFSC and SMI.

Storage of results facility to be provided.

RS 232 interface required.

In-house training and free installation to be provided.

System should be FDA and CE marked. Certificates should be enclosed

Item No. 49

CPM UNIT

Must have a ultra-wide carriage to accommodate the typical knee replacement patients, ACL restructuring, athletes and pediatrics patients
Must have Progressive ROM to eliminate the time consuming adjustments that interrupts rehab time
Must have oscillation setting to increase the time spent in the working ROM by automating and replicating the benefits of active
physical therapy protocols
Should come with adjustment for controlling the flexion angle to control patients threshold for pain and able to reduce the angle of flexion
accordingly with out interruption
Must have hyperextension (-10º) to full knee flexion of (110º)
Must have a control unit attached with easy instruction and setting
Must have context sensitive help and multiple language interface
Should have back-lit display and buttons for maximum visibility in low light conditions
Must be light weight easy for transportation for one room to another with little effort at about 28 lbs and over all length at 37” with
built in carry handle
Must come with all soft goods, patient kit and treatment protocol
Must meet UL, CSA, and CE for safety and EMC

Item No. 50

ECT Instrument with EEG

Specifications Include: built-in 4-channel hard-copy monitor/printer (dual EEG, ECG, EMG); front panel programmer; 2 pads of thermal recording paper; 1 each audio EEG tape; 1 each ECT Treatment Cable; 1 each EEG/ECG/EMG Monitoring Cable; 1 set (9) monitoring lead wires (new clip style); 1 set (2) 60" monitoring lead wires (new clip style); 1 each MouthGuard oral protector (large); 1 each MouthGuard oral protector (small); 25 count VENT disposable oral protectors; 5 pair Thymapad disposable treatment electrodes with 1 bottle of Pre-Tac; 1 each foam handle; 5 packets, 50 count, disposable EEG/ECG/EMG recording electrodes; 1 each Drs. Abrams and Swartz In-Service video tape; 2 copies Instruction Manual; 1 each Service Manual; 1 each software disc and 1 each fuse. Include: continuous heart rate display printout, Krystal-Weiner EEG pattern analysis, patented auto EEG/EMG endpoint detection, the most efficient charge rate program, and 0.25 mSec pulse width. **CSA Approved.**

Item No. 51

Anaesthesia Stool/Chair (Imported)

Should be revolving
Should have Casters
Should have hydraulic Height Adjustment
Should be FDA Approved

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

   a) Comprehensive Warranty as stated in GCC clause No. 15 (in Section – IV) for complete equipment (including X ray tubes, HT Cable, Probes, Electrodes, Detectors, Batteries for UPS, other vacuumatic parts wherever applicable) and Turnkey Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/ Dispensaries/ Institute/ 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:

   a) 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.

   b) The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

3. Training:

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

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

   a) **The cost of Annual 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 **to be quoted for next 5 years on yearly basis** for complete equipment (including X ray tubes, HT Cable, Probes, Electrodes, Detectors, 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 to 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.
   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.

5. 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 Tenderers 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. Email ID
   d. telephone number
   e. fax number

02 Plant and machinery details

03 Manufacturing process details

04 Monthly (single shift) production capacity of goods quoted for
   a. normal
   b. maximum

05 Total annual turn-over (value in Rupees)

06 Quality control arrangement details
   a. for incoming materials and bought-out components
   b. for process control
   c. for final product evaluation

07 Test certificate held
   a. type test
   b. BIS/ISO certification
   c. any other

08 Details of staff
   a. technical
   b. skilled
   c. unskilled

Signature and seal of the Tenderer

Section – IX
Qualification Criteria

01. The Tenderer must be a Manufacturer or its authorized Agent.

02. (a) The Manufacturer should have supplied and installed in last **Five** years from the date of Tender Opening, atleast 100% of the quoted quantity of the similar equipment meeting major specification parameters which is functoning satisfactorily. The foreign Manufacturer satisfying the above criteria should also have supplied and installed in last **Five** years from the date of Tender Opening, at least 50% (or one No. where the schedule of requirement is one no.) of quoted quantity of similar model which is functoning satisfactorily any where outside the country of manufacture.

02. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 02 (a) should have supplied and installed in last **Five** years from the date of Tender Opening, atleast 50% (or one No. where the schedule of requirement is one no.) of the quoted quantity of similar equipment which is functoning satisfactorily, any where in India of the same manufacturer.

Note:

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

   The manufacturer as well as the Tenderer/ Indian Agent shall furnish Satisfactory Performance Certificate in respect of above, duly translated in English and duly notarized, alongwith the tender. The performance certificate should be in accordance with the requirement of clause 2 (a) / 2 (b) as stated above.

2. 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.

3. 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.

4. 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 & Time of opening: _____

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 of ordered goods and services	Quantity of ordered goods	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	9

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 duly notarised certification authenticating the correctness of the information furnished. If at any time, information furnished is proved to be false or incorrect, the earnest money and or performance security furnished will be forfeited. Such certificates from a third party or middleman other than actual end user will not be accepted. The satisfactory performance implies working satisfactorily without any complaint since the date of installation, commissioning & handing over to the end user as per the standard format enclosed.

Section – X
TENDER FORM

Date_____

To,
Head (P & CD)
HLL Lifecare Limited
Procurement and Consultancy Division
B-14A, 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.

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
				Price per unit (Rs.)							
Item Sl. No.	Brief Description of Goods (with make & model)	Country of Origin	Quantity (Nos.)	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)	Transportation, loading/ unloading and Incidental costs till consignee's site (d)	Insurance charges for a period including 3 months beyond the date of delivery (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (f)	Unit Price (at Consignee Site) basis (g) =a+b+c+d+e+f	Total Price (at Consignee Site) basis (Rs.) 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										
				Price per unit (Currency)									Unit price on DDP basis at consignee's site	
Item Sl. No.	Brief Description of Goods (with make & model)	Country of Origin	Quantity (Nos.)	Gross FOB price at sea/air port of Lading (inclusive of Agency Commission)	Amount and percentage of Agency Commission **	Net FOB (excluding Agency Commission) (a-b)	Insurance & Freight	Net CIP by Air/ Sea at the port of entry (c+d)	Custom Duty amount as % of Net CIP (amount with CDEC as applicable) **	Custom Clearance & Handling Charges **	Loading/ Unloading, inland transportation, insurance as per Clause 11 of GCC & incidental cost till consignee's site **	Installation commissioning , supervision. Demonstration & training at the consignee's site **	In foreign currency	In Indian Rupees
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	=(e)	=(b+f+g+h+i)

** to be quoted in Indian Currency

Total price at Consignee's site

(A) In foreign currency : column (4 x e)_____ (In figures and words) plus

** (B) In Indian Rupees : column 4 x (b+f+g+h+i) Rs_____(In figures and words)

Note: -

1. The Tenderer will be fully responsible for the safe arrival of the goods at the consignee site in good condition as per terms of contract.
2. The bidders break up of prices under various columns is for comparison of prices up to delivery of goods at consignee's site for tender evaluation.
3. The quoted price should be supported with original proforma invoice from the foreign manufacturers. The proforma invoice should indicate the percentage of agency commission included in the FOB prices. Indian Agent to be paid in Indian Currency.
4. All the components of the DDP price will be paid by the tenderer. The purchaser will make the payment of DDP price after receipt of goods at consignee's site in good condition as per payment terms in the contract.
5. The prices quoted in foreign currency in column (e) shall be converted in Rupees at the selling rate of exchange applicable on the date of tender opening .The customs duty amount so worked out as percentage of net CIP value in rupees will be taken for evaluation and comparison of tenders
6. 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 Tenderer_____

C) PRICE SCHEDULE FOR COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

1	2	3	4					5
Item Sl. No.	Brief Description of the Goods	Quantity (Nos.)	Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Comprehensive Maintenance Contract Cost for 5 (or as specified) Years [3 x (4a+4b+4c+4d+4e)]
			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 and labour, after satisfactory completion of Warranty period may be quoted for next 5 (or as specified) years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98 % on 24 (hrs) x 7 (days) x 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during 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_____

Place: _____ Signature of Tenderer_____

Date: _____ Seal of the Tenderer_____

D) PRICE SCHEDULE FOR TURNKEY

Item Sl. 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 (alongwith mention of relevant page nos. of tender) 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 – XIV
MANUFACTURER'S AUTHORISATION FORM

To,

Head (P & CD)
HLL Lifecare Limited
Procurement and Consultancy Division
B-14A, 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 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 confirm that the price quoted by our agent shall not exceed than that 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 letterhead 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

To
Head of Hospital/Institute/Medical College of ESIC

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 remain valid till 2 (two) months beyond the warranty period, 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:

Item Sl. 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
(vii) Warranty clause
(viii) Payment terms
(ix) 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 COMPREHENSIVE MAINTENANCE CONTRACT

Comprehensive Maintenance Contract No._____dated_____
Between

(Address of Head of Hospital/Institute/Medical College)
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

a) The Contract of Comprehensive Maintenance is hereby concluded as under: -

1	2	3	4					5
Item Sl. No.	BRIEF DESCRIPTION OF GOODS	Quantity (Nos.)	Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Comprehensive Maintenance Contract Cost for 5 (or as specified) 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 Comprehensive Maintenance Contract (CMC) which includes preventive maintenance and labour, after satisfactory completion of Warranty period may be quoted for next 5 (or as specified) years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Batteries for UPS, other vacummatic 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 CMC within a period of 21 (twenty one) days of issue of 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 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 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/ Institute /Medical College's authorised official)

_____

(Signature, name and address of Hospital/Institute/Medical College'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: _____

SECTION – XVII

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

The following store (s) has/have been received on said to contain basis 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) No of cartons received which are said:

Which are said to contain the items (List of items in each carton to be given.)

:_____

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/ Transporter: _____

(g) Name of the Consignee: _____

(h) Date of commissioning and proving test: _____

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

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

The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).
The supplier has fulfilled its contractual obligations satisfactorily ## or
The supplier has failed to fulfil its contractual obligations with regard to the following:
He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specifications'.
He has not supervised the commissioning of the equipment(s)/plant(s)in time, i.e. within the period specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).
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:

- He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.
- 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).
- Training of personnel has been done by the supplier as specified in the contract
- 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

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

1. 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.

2. 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.

3. 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.

4. 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)

5. 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.

6. 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.

7. 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)

8. 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)

9. 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)

10. 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.

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

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

B) 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 indicating 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 Tender document	Remarks
1.	Have you enclosed EMD of required amount for the quoted schedules?			
2(a).	Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications?			
2(b).	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
3.	Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?			
4(a).	Have you enclosed duly filled Tender Form as per format in Section X?			
4(b).	Have you enclosed Power of Attorney/ Authorisation in favour of the signatory?			
5.	Have you submitted manufacturer's authorization as per Section XIV?			
6.	Have you submitted the certificate of incorporation?			
7(a).	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?			
7(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?			

Sl. No.	Activity	Yes/ No/ NA	Page No. in the Tender document	Remarks
8.	Have you intimated the name and full address of your Banker (s) along with your Account Number			
9.	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening?			
10.	Have you submitted the Quality Control Requirements as per Proforma given in Section VIII of TE document?			
11.	Have you accepted delivery period as per TE document?			
12.	Have you accepted the terms of delivery as per 'DDP at consignee site basis'?			
13.	Have you accepted the warranty/CMC as per TE document?			
14.	Have you accepted all terms and conditions of TE document?			
15.	Have you fully accepted payment terms as per TE document?			
16(a)	Have you submitted prices of goods, turnkey (if any), CMC etc. in the Price Schedule as per Section XI?			
16(b)	Have you submitted satisfactory end user performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all orders?			
17.	Have you submitted copy of the order(s) aagainst the above end user certificate (s)?			
18.	Have you furnished documents establishing your eligibility & qualification criteria as per TE documents?			

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 addresses

Consignee Code	Consignee Address
RAJAJINAGAR	Medical Superintendent, ESI Model Hospital, Rajajinagar, Banglore-560 010 Phone: 080-23320271/ 272 Fax: 23325130

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