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-66/11-12

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)

1. Tender Enquiry No. HLL/PCD/ESIC-66/11-12 Date: 16.08.2011

Procurement & Consultancy Services Division of HLL Lifecare Limited (Formerly Hindustan Latex Limited) have been contracted by Director General of Employee State Insurance Corporation (ESIC) to procure Medical Equipment for various ESI Hospitals, invite sealed tenders from eligible and qualified tenderers for supply of following Medical Equipment for ESIC-PGIMSR MGM Hospital at Parel, Mumbai**.**

Sl. No.	Item Description	Qty.	EMD Amt (Rs.)
1	Binocular Microscope	5	5,000
2	Hi speed steam Flash Sterilizer	1	20,000
3	C-Arm compatible OT Table	1	80,000
4	Video Colposcope	1	12,000
5	A/B Scan (Ophthalmic Ultrasound)	1	10,000
6	Lensometer	1	2,000
7	Lasik laser	1	40,000
8	Stapling device for surgery	2	40,000
9	Holter system	1	24,000
10	Ophthalmoscope-Direct	2	4,000
11	Mamography with Sterotaxic biopsy	1	400,000
12	Portable Colour Doppler System	1	30,000
13	Radiant Warmer	2	8,800
14	Vaginal Hysterectomy set	1	1,300
15	Phototherapy - CFL (double durface)	5	6,000
16	Electro cautery appratus	1	10,000
17	Elisa Reader with Washer	1	6,000
18	Cell Seperator/Aphresis unit	1	35,000
19	Cryobath	1	3,000
20	Laminar air flow vertical	1	3,000
21	Plasma expressor	1	900
22	Sterile connecting device	1	17,000

Sl. No.	Item Description	Qty.	EMD Amt (Rs.)
23	Automated 3 part cell counter	1	24,000
24	Refrigerated Centrifuge	1	18,000
25	Fibre Optic Flexible Bronchoscope with light source & accessories	1	18,000
26	B-Scan	1	24,000
27	Ocular Coherence Tomography (OCT)	1	80,000
28	Phototherapy Unit - UVA - 1 No. and UVB - 1 No.	1	16,000
29	Radio Frequency Machine	1	7,000
30	PORTI Sleep Diagnostic System	1	20,000
31	CPR Mankins	1	50,000
32	Forced Air Body Convection warming system	1	4,000
33	Jet Ventilation Kit	1	10,000
34	Dental X-Ray	1	6,000
35	Dental Sterilizer	1	8,000
36	Intra Oral Digital Radiography	1	6,500
37	Dental Panoramic X-Ray	1	28,000
38	Ndyag Laser	1	40,000
39	Opthalmic Operation table	1	10,000
40	Forward Punch No:1,2,3 & 4 and Disc Forceps No: 1,2,3 & 4 (set of 1 no. each)	1	8,000
41	Pneumatic Compression AO Electric burr pen device	1	12,465
42	Trinocular Microscope	1	4,000
43	Automated Perimetry	1	40,000
44	Neonatal Surgery Set	1	20,000
45	Pediatric Surgery Set	1	20,000
46	Fluid and Blood Warmer	1	8,000
47	Bronchoscope Rigid	1	12,000
48	Flexible Pediatric Video Endo Colono Scope	1	40,000
49	Flexible Fibre Optic Bronchoscope with Monitor	1	30,000
50	Cystoscope	1	30,000
51	Pediatric Laparoscopy Set	1	60,000

2. **Tender No.: HLL/PCD/ESIC-66/11-12**

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	17.08.2011 to 19.09.2011, in all working days, during 10:00am to 4:00pm
ii.	Place of sale of Tender Enquiry Documents	HLL Lifecare Limited Procurement & Consultancy Services Divn. B-14A, Sector-62, Noida -201 307
iii.	Cost of the Tender Enquiry Document	Rs. 2,000.00/ USD 60.00
iv.	Time and date of Pre-bid meeting	26.08.2011 at 11.30 am (IST)
v.	Closing date & time for receipt of Tender	20.09.2011 at 2.00 pm (IST)
vi.	Time and date of opening of Techno-Commercial tenders	20.09.2011 at 2.30 pm (IST)
vii.	Venue for Pre-bid Meeting & Techno- Commercial Tender Opening	Same as given in 2 (ii)

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. 2,000.00/ USD 60.00 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 Services Division
B-14A, Sector -62, Noida -201307.
Uttar Pradesh**.**

SECTION - II

GENERAL INSTRUCTIONS TO TENDERERS (GIT)

CONTENTS

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

This bid document should be read in conjunction with the Notice Initiation Tender (NIT), a copy of which is enclosed with this document. All clauses should be read in conjunction with any other instructions given elsewhere in this document, on the same subject matter of the clause.

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) Price Tender:

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.

13.10 HLL Lifecare Ltd. is only a procurement consultant and the supplies/equipments/goods against this tender are meant for ESIC on whose behalf this tender enquiry has been issued.

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 cannot be put into tender box, the same shall be submitted by the tenderer by hand to **Head (P&CD)** or his nominee, **HLL Lifecare Limited, Procurement and Consultancy Division, B-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

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

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

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.

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)

TABLE OF CLAUSES

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

4. Country of Origin

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

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

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

5. Performance Security

5.1 Within 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

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 (ten) 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

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

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.

22.6 Passing of Property:

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

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

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

23. Liquidated damages

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 Items at Sl. No. 8, 14, 40, 44 & 45.

SECTION - VI

LIST OF REQUIREMENTS

Part I:

Sl. No.	Item Description	Qty.	EMD Amt (Rs.)
1	Binocular Microscope	5	5,000
2	Hi speed steam Flash Sterilizer	1	20,000
3	C-Arm compatible OT Table	1	80,000
4	Video Colposcope	1	12,000
5	A/B Scan (Ophthalmic Ultrasound)	1	10,000
6	Lensometer	1	2,000
7	Lasik laser	1	40,000
8	Stapling device for surgery	2	40,000
9	Holter system	1	24,000
10	Ophthalmoscope-Direct	2	4,000
11	Mamography with Sterotaxic biopsy	1	400,000
12	Portable Colour Doppler System	1	30,000
13	Radiant Warmer	2	8,800
14	Vaginal Hysterectomy set	1	1,300
15	Phototherapy - CFL (double durface)	5	6,000
16	Electro cautery appratus	1	10,000
17	Elisa Reader with Washer	1	6,000
18	Cell Seperator/Aphresis unit	1	35,000
19	Cryobath	1	3,000
20	Laminar air flow vertical	1	3,000
21	Plasma expressor	1	900
22	Sterile connecting device	1	17,000
23	Automated 3 part cell counter	1	24,000
24	Refrigerated Centrifuge	1	18,000
25	Fibre Optic Flexible Bronchoscope with light source & accessories	1	18,000
26	B-Scan	1	24,000
27	Ocular Coherence Tomography (OCT)	1	80,000

Sl. No.	Item Description	Qty.	EMD Amt (Rs.)
28	Phototherapy Unit - UVA - 1 No. and UVB - 1 No.	1	16,000
29	Radio Frequency Machine	1	7,000
30	PORTI Sleep Diagnostic System	1	20,000
31	CPR Mankins	1	50,000
32	Forced Air Body Convection warming system	1	4,000
33	Jet Ventilation Kit	1	10,000
34	Dental X-Ray	1	6,000
35	Dental Sterilizer	1	8,000
36	Intra Oral Digital Radiography	1	6,500
37	Dental Panoramic X-Ray	1	28,000
38	Ndyag Laser	1	40,000
39	Opthalmic Operation table	1	10,000
40	Forward Punch No:1,2,3 & 4 and Disc Forceps No: 1,2,3 & 4 (set of 1 no. each)	1	8,000
41	Pneumatic Compression AO Electric burr pen device	1	12,465
42	Trinocular Microscope	1	4,000
43	Automated Perimetry	1	40,000
44	Neonatal Surgery Set	1	20,000
45	Pediatric Surgery Set	1	20,000
46	Fluid and Blood Warmer	1	8,000
47	Bronchoscope Rigid	1	12,000
48	Flexible Pediatric Video Endo Colono Scope	1	40,000
49	Flexible Fibre Optic Bronchoscope with Monitor	1	30,000
50	Cystoscope	1	30,000
51	Pediatric Laparoscopy Set	1	60,000

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 the 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 the 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) to be quoted as per details given in General Technical Specifications para-4. Unless otherwise stated in Special Condition of Contract (SCC) in Section -V, CMC is applicable for all the items.

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

BINOCULAR MICROSCOPE

1. Antimould/Antifungal type microscope
2. Colour corrected infinity optical system
3. Nose piece Quintuple reversed inword facing.
4. Objectives Planachromatic and spring loaded 4X (1pece), 10X (1perce), 20X(1piece), 40X(1piece), oil immersion 100X (2 piese).
5. Eye piece wide field, 10X, one pair each with preferably with pointer.
6. Field of view>20mm.
7. Trinocular eye piece tube to facilitate camera attachment. The eye piece tube should be siedentopf type, 30 degree inclined and rotatable by 360 degree.
8. Dioptre adjustment of both eye pieces.
9. Inbuilt arrangement of illumination with halogen lamp (6V/20W) fitted directly under file lenses (Kohler's system) with intensity control.
10. Condenser- Bright field Abbe's NA 1.25 with iris diaphragm and filter holder.
11. Coaxial fine and coarse adjustment with adjustable tension.
12. Double stage- Double slide holder low position and coaxial, movement
13. Power supply 220/240 volts.
14. Spare halogen lamps-6 no's to be supplied with each microscope
15. Power cord
16. Dust cover and preferable with box

Item No: 2

HI SPEED STEAM FLASH STERILIZER

Alarms for Completion of cycle, over temperature, etc.
The autoclave operates with saturated steam as the sterilizing agent with a temperature range of 105 °C (221°F) to 137 °C (279 °F) and a working pressure that meets AMSE and PED requirements.
Auto clave with single door

Speed

- The system should be free standing fast. autoclave. Should come with a jacketed double walled chamber, which acts as an instant supply of steam and keeps the autoclave warm and ready for use. The powerful water-ring vacuum-pump provides for fast pre and post vacuum air removal
- Should sterilize class B cycles - packaged, porous and hollow A loads.
- Should be able to manage large loads efficiently with a powerful vacuum pump
- Should be able to enhance monitoring for consistent documentation of sterilization results
- Should have automatic safety shutoff to prevent overheating of chamber

Double Wall:

- Surrounding the chamber there should be a second wall, the jacket. The internal steam generator should fill the jacket with steam when the sterilizer is first started. The jacket then should act as a steam generator and reservoir.
- Should minimize the time it takes for each individual cycle to come up to temperature and pressure

- Should be built to run continuously for 24 hours
- Should have excellent temperature distribution in the chamber
- Should have negligible condensation and improves drying
- Should have excellent chamber insulation which increases efficiency

Capacity

- Should be supplied in 70 Litres .
- Should have robust high-volume water-ring vacuum-pump for fast and efficient air-removal
- Should have Dual-compartment water reservoirs with automatic filling and discharge:
- Mineral-free water reservoir for steam
- Tap water supply for the water-ring vacuum-pump
- Connection to water draining and to external mineral-free water supply for automatic draining and filling of water
- Stand-by heating mode to keep the autoclave warm and ready to use
- 316L stainless steel chamber and door with electro-polish finish
- Control lock-out switch to prevent starting a cycle if door is not properly locked
- Door protection device to prevent door from opening at high pressure and high temperature

Item No: 3

C-ARM COMPATIBLE ELECTRO HYDRAULIC OT TABLE

1 Description of function

1.1 Electro-hydraulic operation table suitable for all surgical operations

2 Operational requirement

2.1 The radiolucent/c-arm compatible four section table top with provision for X-ray cassette with anti bacterial, anti static and fluid proof mattress to avoid bed sores.

2.2 High storage capacity battery back up to support 50 operation cycles.

2.3 Patient carrying capacity should be more than 400 kgs.

2.4 All the functions of the table should be operated via corded hand control or optionally with infrared hand control

a) Hight up/down
b) Trendelenburg/reverse trendelenburg
c) Lateral tilt
d) Flex/reflex
e) Lock/unlock
f) Back up/down
g) Leg up/down
h) Kidney elevator up/down
i) Beach chair position
j) Return to normal/zero position
k) Patient reverse orientation to be locked in memory

2.5 The table should have the facility to position on a single press button, the patient from any of the sides and the reverse orientation has to be locked into the memory to enable all the table functions to be reversed automatically.

2.6 In addition to and in case of failure of the electronic hand control, the table should be provided with override control panel on the column of the table to operate the required positions in care of emergency.

2.7 In case of failure of the electronic hand control, electronic override control panel and also the battery back up in extreme emergency, the table should be provided with manual foot pump to operate all the required positions.

2.8 The table top should be completely free of disturbing cross bar offering generous latitude for using c-arm image intensifier as well as to provide enough leg room for the surgeons and to cover the patient's body from head to pelvic region with patient orientation on either side.
2.9 The column head and the base of the table should be y Y shaped made of chemical and impact resistance engineering plastic cover for easy cleaning and infection control.
2.10 there should be no crevices in the table for ingress of liquids so as to enable proper infection control

3 Technical specification

3.1 Dimensions

Table top length 1950mm.
Width without side rails 530mm.
Weight of the table should be above 300 kgs.

3.2 Electro hydraulically operated functions:

Height up/down 1120 to 680mm
Trendelenburg 30 deg.
Reverse trendeleburg 30 deg.
Lateral tilt 20 deg.
Back up/down 65 and 40 deg.
Leg up/down 80 and 105 deg.
Head up/down 90 deg.(manual)
Inbuilt powered kidney elevator up 0 to 12cm.
Flex/reflex normal 220/120 deg.
Flex/reflex reverse orientation 245/110 deg.
Single button operated beach chair position.
Memory locking of reverse orientation position.
Single button operated return to zero position.
Lock and unlock of the table by hand control.

3.2 Full length xX-ray translucent top with removable interchangeable head rest for positioning the patient in reverse orientation
3.4 Inbuilt xX-ray translucent powered kidney bridge.
3.5 The powered locking and unlocking of the table base via hand control.
3.6 The table top should provide unhindered access from head to pelvic section in both the normal and reverse orientation.
3.7 To accommodate heavy / obese patients, width extension facility of the table top is to be provided.
3.8 The table top should have a length of 1950mm.
3.9 The table should offer minimum height of 680mm enabling the surgeons to operate while in seated position
3.10 The table should have powered leg section which should be lowered to 105 deg. To have free access for the surgeons to the pelvic region for gynaec, uro, gastro and orthopaedic surgeries.

4. Standard accessories,

4.1 Anaesthesia screen
4.2 Body strap
4.3 Pair of goepel knee crutches with clamps.
4.4 Pair of arm boards.

5. Special accessories

5.1 Gel heel pads – 1 pair
5.2 Patient positioning gel strap – 1 no.
5.3 Hand surgery table – 1 no.
5.4 Drain pan for gynaec/uro – 1 no.
5.5 Elevated arm board – 1 no.
5.6 Lateral support with clamps – 2 nos.

5.7 Shoulder support with pads – 2 nos.
5.8 Orthopaedic extension device to be attached to the table top
The table should be compatible for use with orthopaedic extension device, trolley mounted consisting of:
1. Transfer board 01
2. Boots plate 02
3. Foot traction boots 02
4. Traction bow 01
5. Traction bar 02
6. Traction unit 02
7. Traction rail 02
8. Adaptor unit 01
9. Straight traction extension 01
10. L shaped traction extension 01
11. Supports 01
12. Trolley 01

Femur nailing in supine

13. Perineal post with pad 01

Femur nailing in lateral

14. Universal leg holder 01
15. Hip rest with pad 01
16. Elevator 01
17. Pelvic crest support 01
18. Lateral counter traction support 01

Tibia & fibula nailing

19. Tibia counter traction with pad 01
20. Condyle support 01

Hip endoprothesis

21. Sacral rest with pad 01
22. Back buttock support 01
23. Lateral supports 01

For knee elbow position

24. Foot rest left and right (pair) 01

6 Environment factors

6.1 Shall meet IEC-60601-1-2: 2001
6.2 EN 60601-1-1990 electrical safety
6.3 IEC TR 60878:2003
6.4 Medical device directive 93/42/EEC
6.5 ISO & CE

7. Power supply

7.1 Power input to be 220-240V AC,50Hz fitted with Indian plug
7.2 Voltage corrector/stabilizer of appropriate ratings meting isi ISIspecifications. (input 160-260 V and output 220-240 V and 50 Hz)

8. Standards, safety and training

8.1 To be ISO/CE/UL approved product
8.2 To have current leakage less than 70 u/a U/A ac AC (0.07m ampAmp).
8.3 Quality tests as per international standards to be carried out at manufacturing facility.

9 Documentation

9.1 User/technical/ maintenance manuals to be supplied
9.2 Certificate of calibration and inspection from the manufacturer

Item No: 4

VIDEO COLPOSCOPE

• Qualify stereoscopic optics. Facilities assessment of the finest epithelial changes.
• Ergonomic design: For convenient and fast positioning and focusing of colposcope
• Compact size: To conveniently fit in all OPD rooms and allow it to be moved for other OPD rooms
• Straight and inclined Binocular tubes: for best viewing experience
• Objective lenses: with different focal lengths allow user to select the convenient working distance.
• Different magnification settings: allow user to study epithelium at high magnification and carry you treatment at low magnification.
• Swing in vessel delineation fitter: For improved visual activity.
• Optimum cold light illumination system: Help distinguishing small color differences in epithelium Suitable for tuboplasty (with swivel Arm Stand) & other Micro Surgical Procedure.

Item No: 5

Ultrasound Machine (A+B Scan facilities)

The following requirements must be met
· High resolution dedicated A and B, ophthalmic scanning unit B scan will cross vector.
· The system should consist of fourth generation microcomputer and high speed digital electronics, with highest resolution monitor.
Technical features:
· A-scan
· Three a scan modes
· Auto biometric, manual biometric, diagnostic
· Complete IOL program capabilities include SRK1 SRK11 SRK. T Hollady or Binkhorest formulas.
· Save in memory capacity at least 45 cases for a-scan images and corresponding IOL data.
· 10mhz solid probe
· The unit should incorporate, audio feed back for probe alignment.
· B-scan
· 256 gray levels
· User definable, DGC curve
· Pre & post processing capabilities.
· Volume, distance and area/ perimeter measurement
· Selectable a-vector for simultaneous A/B display.
· Annotation/arrow placement
· Archiving of at least 150 patients in a single data file with an unlimited number of data files possible.
· Complete IOL calculation capability with IOL data storage.
· B-scan sector angle at least 55°
· Standard accessories
· Should include :
· Console with 7'' display
· Alphanumeric keyboard
· Trackball
· Foot pedal
· 7&10 MHz, A-B scan probe

· A scan calibration cylinder
· Probe holders etc.
· Vendors may quote other accessories
· Standard accessories should include :
· Console with 7” display
· Alphanumeric key board & Trackball
· Foot pedal
· 100 & 12.5 MHz, A-B scan probe
· A scan calibration cylinder
· Probe holders etc

Item No: 6

Lensometer

• Large measuring capacity (30mm to 90mm)
• LED Light source
• Power sources: Dry batteries or Ni-Cd rechargeable batteries with auto shut off
• Freely adjustable instrumenttilt:0-90 degrees
• Measures all types of lenses including progressive lenses
• PD Measurement available
• Built in thermal printer

Item No: 7

LASIK LASER

BEAM CHARACTERISTICS

- Laser Type Quintupled Nd:YAG Solid State Laser
- Wavelength, nm 213
- Pulse Frequency 300 Hz
- Spot Size 0.6 mm
- Max. Laser Output Energy 1 mJ
- Ablation Zone Up to 10.0 mm
- Beam Delivery Quasi Random Flying Spot (Fixed Size)
- Spot Profile Quasi Gaussian
- Eye Trackers Analogue High Speed Eye Tracker
- And Video Eye Tracker
- Intra-Operative Gaze Tracker
- Automatic Iris / Limbus Registration
- Cyclorotation Tracker
- Surgery Standard Treatment, Topography & Wavefront Guided
- Lighting Ring & Oblique
- Focusing Beams 2 x Light Slits
- Microscope Suitable microscope customized for viewing
- Control Panel Touch Screen

SAFETY FEATURES Safety interlocks, key operation, emergency off switch
COMPUTER SYSTEM Microsoft Windows

- Application Training on site to be included
- Acceptance tests as per international standard should be carried out at manufacturing facility as well as installation site (including all safety and QA tests) and equipment should have CE mark certificate.

Item No: 8

STAPLING DEVICE FOR SURGERY

PROTACK* 5MM INSTRUMENT – 100 Nos.
ENDO GIA* UNIVERSAL INSTRUMNT
ENDO GIA UNIVERSAL XL
ENDO GIA ROTICULA *60-3.5 SULU
ENDO GIA R/OR 60 4.8MM X6
ROTICULATOR ENDO GIA*45-4.8DLU
ENDO GIA ROTICULA* 60-2.5 SULU
MF ENDO HERNIA* 4.8MM DLU – 12 Nos.
MF ENDO HERNIA* 4.0MM DLU – 12 Nos.
ENDO GIA* II 45 2.5 DLU
MF ENDO HERNA*0 INST W/4MM DLU
ENDO GIA* II 45-3.5 DLU
ENDO GIA* II 60-3.5 SULU
ENDO GIA* II 60-4.8 SULU
ENDO GIA* II 60-2.5 SULU
ENDO GIA* II 45-4.8 SULU
ROTICULTR ENDO GIA* 45-3.5 DLU
ENDO GIA* II 30-3.5 DLU
ENDO GIA* II 30-2.5 DLU
ROTICULTR ENDO GIA* 45-2.5 DLU
END STICH 3/0 48 DY PLY*DLU_SU
ROTICULTR ENDO GIA* 30-3.5 DLU
ENDO-LUBE (SEAL & INSTR LUBRIC
ENDO GIA* II 45 2.0 DLU
MULTIFIRE ENDO TA* 30-2.5 DLU
MULTIFIRE ENDO TA* 30-3.5 DLU
GIA 60-3.8 SINGLE USE LOADING
GIA 80-3.8 SINGLE USE LOADING
GIA 80-4.8 SINGLE USE LOADING
GIA 60-4.8 SINGLE USE LOADING
TA* 60-3.5 SU RELOAD STAPLER
GIA 100-3.8 SINGLE USE LOADING
TA* 30-3.5 SU RELOAD STAPLER
GIA 100-4.8 SINGLE USE LOADING
TA* 60-3.5 SULU BLUE
TA* 45-4.8 SU RELOAD STAPLER
TA* 90-3.5 SULU BLUE
GIA 60-4.8 SINGLE USE RELOADAB
GIA 60-2.5 SINGLE USE LOADING
APPOSE SKIN STAPLE REMOVER
TA* 60-4.8 SU RELOAD STAPLER
TA* 30V-3 SU RELOAD STAPLER

TA* 90-4.8 SU RELOAD STAPLER
TA PREMIUM* 55-4.8 TIT DLU
TA* 45-3.5 SU RELOAD STAPLER
GIA 60-2.5 SINGLE USE RELOADAB
TA* 60-4.8 SULU GREEN
TA* 90-3.5 SU RELOAD STAPLER
TA* 30-4.8 SU RELOAD STAPLER
TA PREMIUM* 55-3.5 TIT DLU
TA PREMIUM 55 INSTRUMENT
TA* 90-4.8 SULU GREEN
TA PREMIUM* 30-4.8 TIT DLU
PREMIUM PLUS CEEA* 31MM INSTR.
GIA 60-3.8 SINGLE USE RELOADAB
PREMIUM PLUS CEEA* 34MM INSTR.
PREMIUM PLUS CEEA* 28MM INSTR.
EEA* 31 DISPOSABLE LOAD UNIT
GIA 50 PREMIUM* DISP LOAD UNIT
EEA* 28 DISPOSABLE LOAD UNIT
EEA* 25 DISPOSABLE LOAD UNIT
TA* 45-4.8 SULU GREEN
EEA* 33MM SINGLE-USE STAPLER
EEAXL 25MM 3.5 STAPLES SGL USE
GIA 80-3.8 SINGLE USE RELOADAB
EEA* 31MM SINGLE-USE STAPLER
EEA* 28MM SINGLE-USE STAPLER
DST SERIES EEAORVIL25MM DEVICE
GIA 80-4.8 SINGLE USE RELOADAB
PREMIUM SURGICLIP* S-9.0" TIT
GIA 100-4.8 SINGLE USE RELOAD
PREMIUM PLUS CEEA* 25MM INSTR.
EEA* 25MM SINGLE-USE STAPLER
GIA 100-3.8 SINGLE USE RELOAD
PREMIUM SURGICLIP* II M-9.75
GIA 90 PREMIUM* DISP LOAD UNIT
PREMIUM SURGICLIP* II M-11.5
EEA 25MM 3.5 STAPLES SGL USE
EEA* XL 25MM SINGLE-USE STAPLR
TA* 30-4.8 SULU GREEN
PREMIUM SURGICLIP* M-9.75" TIT
PREMIUM SURGICLIP* L-13.0" TIT
DISP PURSTRING* 65 INSTRUMENT
PREMIUM SURGICLIP* M-11.5" TIT
PURSTRING* 45 TEMP/PERM INSTR
ROYAL*-35W DISP SKIN STAPLER
TA* 30-3.5 SULU BLUE
ROTICULATR* 55-4.8 TIT STAPLER
TA* 45-3.5 SULU BLUE
TA PREMIUM* 90-4.8 TIT DLU
TA* 30-V3 SULU WHITE

Item No: 9

HOLTER SYSTEM

Description of function

Holter system provides for 24/48 hours and 7 days of continuous ECG recording and analyzing for detecting heart rate abnormalities which may otherwise go undetected.

Operational requirements

Should be able to record 24/48 hours and 7 days of 3 lead ECG waveforms on small Holter Recorders

Should automatically detect and quantify different ventricular and supraventricular events,including atrial events (atrial fibrillation , isolated prematures , pairs , bigeminy , trigeminy , runs, shorts pauses, long pauses, bradycardia and tachycardia) and ventricular events (isolated ectopics, premature ectopics, interpolated ectopics late ectopics, R on T, bigeminy, trigeminy, couplets, triplets, and runs).

Technical Specifications

The system should be PC based with PC Specifications (HP/Compaq / Dell) (1 No Desk top ; 1 No Lap top PC) as following:

Computer Processor: Pentium IV; 733 MHz or higher.

Memory: 512 MB RAM or Higher.

Hard Disk: 80 GB or higher with at least 5 GB free space.

Floppy disk drive: 3.5” floppy drive.

CD-ROM / WRITER: 52x-speed drive or faster.

USB: Universal Serial Bus port.

Monitor: Color Super VGA 17” flat monitor capable of displaying 1280 x 1024 resolution.

Printer: HP LaserJet 2300 or higher.

Slot: Minimum one free PCI expansion for card reading.

Software: Windows 2000 Operating System or Higher.

Should be supplied with a desktop (1 No) and a lap top computer (1No).

Should provide continuous 12 Lead ECG capability that allows viewing and printing of a 12 Lead ECG from three channel ECG recording at any time during the 24\48 hour recording. The same recorder should have the capability of having 3 lead ECXG for 7 days

Should employ multiple analysis modes, including prospective, paging and superimposition, retrospective and a combination of retrospective and prospective modes that analyses normal ECG and isolated abnormals automatically but stops on complex arrhythmia;Holter software should have HRV analysis, HRV time domain analysis, HRV spectral analysis, and QT analysis.

Should have integrated ECG data management software.

Should analyse three leads of ST segments with ST episode reporting and Heart rate variability on time and frequency domain

Should provide unlimited normal, abnormal, and artefact templates with automatic classification, template matching and ability to merge \ unmerge on any template.

Should automatically detect and quantify different ventricular and supraventricular events,including atrial events (atrial fibrillation , isolated prematures , pairs , bigeminy , trigeminy , runs, shorts pauses, long pauses, bradycardia and tachycardia) and ventricular events (isolated ectopics, premature ectopics, interpolated ectopics late ectopics, R on T, bigeminy, trigeminy, couplets, triplets, and runs).

Should automatically stop on and display arrhythmia patterns , patient diary entries , and ST episodes.

Should provide a histogram to view all R to R intervals, all normal to normal intervals, all normal to ventricular intervals, all ventricular to normal intervals, and all ventricular to ventricular intervals.

Should provide QT and Pacemaker analysis

Should create custom reports templates
Trend Graphs –HR, RR interval, RR variance, 12-lead ST, SVPB, VPB

Recorder specifications :

1. Should weigh no more than 120 grams with battery and flash memory installed.
2. Should acquire simultaneous three channel ECG with software to convert three channels to 12 lead ECGs in the scanning device.
3. Should come with pacemaker software that automatically removes pacing rtefacts and annotates the recording with pacing pulses.
4. Should Store 24 or 48 hours of ECGS with no data compression.
5. Should use only one no AAA alkaline battery to provide up to 48 hours of three channel recording.
6. Should have a LCD display of the patient's ECG during hook up to verify proper electrode application.
7. Should use only 3 leads to record a three channel ECG.
8. Should be water resistant.
9. Should synchronize the recording start and end time with the recorder time clock
10. Should have voice recording to store patient ID
11. Recorder should be tamper proof – i.e., even if the battery or CF is removed accidentally, ECG should continue normally after the battery or CF is replaced.

System Configuration Accessories, spares and consumables

PC with Pentium IV with specified configuration - 01
(original operating system software on CD)
Printer (HP LaserJet 2300 or higher/ equivalent -01
Holter Analyser software -01
Holter Recorders -02
Patient cables -02

Environmental factors

The unit shall be capable of operating continuously in ambient temperature of 10 -400 C and relative humidity of 15-90%
The unit shall be capable of being stored continuously in ambient temperature of 0 -500 C and relative humidity of 15-90%
Shall meet IEC-60601-1-2:2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.

Power supply

Power input to be 220-240VAC, 50Hz,/440 V 3 Phase as appropriate fitted with Indian plug.
Resettable overcurrent breaker shall be fitted for protection
UPS of suitable rating conforming to IS-302 shall be supplied for computer system

Standards and safety

Should be FDA or CE approved product
Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms.
(OR EQUIVALENT BIS Standard)

Documentation

User manual in English
Service manual in English
List of important spare parts and accessories with their part number and costing.
Certificate of calibration and inspection from factory.
Log book with instruction for daily , weekly, monthly and quarterly maintenance checklist.The job description of the hospital technician and company service engineer should be clearly spelt out
List of calibration and Preventive maintenance equipments as specified in the Service/Technical Manual. Preventive maintenance has to be provided as per the manufacturer guidelines.

Item No: 10

Direct Ophthalmoscope

- Ophthalmoscope, head, monocular with 3.5V krypton bulb, with the following features: Hemi spot, full circular spot, red-free interference filter, test mark with fixation star and polar coordinates, slit.
- Battery handle, for above e3.5V nominal voltage. Rechargeable Ni-Ca cell. Brightness control Rheostat.
- Battery charger, for 3.5V handle, microprocessor control, boost charge/trickle charge modes. Charges 2 handles. Should be combined with Retinoscope.

Item No: 11

Mamography with Stereotaxic Biopsy

(A) MAMMOGRAPHY UNIT

Mammography system for screening, diagnostics and biopsy of breast tissue.

TECHNICAL SPECIFICATIONS OF DIGITAL MAMMOGRAPHY SYSTEM

For all the above specifications please mention the parameters that are offered by you as against the requirement.

1. Description of function

1.1 Mammography system to replace conventional Film/Screen based Mammography Studies with digital images

2. Operational requirements

2.1 Full Digital Mammography System consisting of exposure stand with attached swivel system, separate console with radiation shield, automatic exposure control and mammography X-Ray Tube.

2.2 An integrated direct-to-digital Flat Detector based on amaorphous silicon technology.

2.3 A separate workstation for image positioning and patient demographic data is required.

2.4 The workstation should be able to send, receive and print according to DICOM standards.

2.5 The workstation should also be able to obtain DICOM modality, work list from connected information system and send information about performed procedure to the connected information system

2.6 Read and Write in CD/DVD for data Storage and review.

3. Technical Specifications

3.1 Mammography System 01

The system should consists of a tube head and detector assembly that has isocentric rotation for every positioning.

The iso-centric movements should be motorized. The patient Compresion device should have automatic multi-speed variable compression system which senses the breast density and adjust the compression force.

The maximum compression thickness should be 18 cm or more.

The patient table should have motorised grid movement.

Magnification devices of ratio 1.5 and 1.8 should offered.

Digital display of compression force and compression thickness should be available.

3.2 X-Ray Generator and Tube

The X-ray generator should be high frequency with the following parameters:
kV range: at least 25-35 kV in steps of 1 kV
mAS range: 0-750 mAS or more
Exposure time: 0-700ms
Maximum mA: 180mA or more

X-Ray tube unit:

Dual focus rotating anode tube with the following parameters:
focal spot size: 0.1mm and 0.3mm
Anode heat storage: 150 KHU or more
Tube heat Storage: 1.3MHU or more
Anode material: Molybdenum and Tungsten
Please mention the filter material used in the tube
3.3 Flat Panel Detector:
Type of detector: Amorphour selenium preferred
Detector size: 24cmx29cm or more with two image formats
Pixel size: 70i or less
Image matrix in pixels: large size-3Kx 4K or more Small size: 2Kx 3K or more
3.4 Workstation for image Acquisition:
The workstation should enable immediate image display for general survey for patient positioning. It should be able to store around 10000 images. The networking should on TCPIP protocol.
The following image processing should be possible on the workstation:
Image display:
Freely selectable screen layout
Windows settings (contrast and brightness setting)
Magnification, stepped and dynamic zoom
Image inversion (black/white)
Annotation:
Left/right marking
Text additions
Lines
Rectangles and circles
Measurements:
Distance
Angle
Density
Image evaluation:
contrast enhancement(with table)
Display of histogram
Length measurements
Before /after comparison
Filter
Administration:
The demographic patient data should be retrieved directly from A
HIS/RIS system
The demographic patient data can be entered manually
Retrieval of images from CD, DVD or PACS
- Printing of images on DICOM – compatible printers
The workstation should be fully DICOM compatible
High Contrast 1Kx 1K TFT monitor should be provided with workstation.
3.5 Biopsy:
Stereo tactic biopsy system which is fully compatible with Full Field Digital

Mammography .
A high resolution image of 20 lp/mm should be possible with the stereo tactic biopsy system.

4. System Configuration Accessories, spares and consumables

4.1 Mainframe System 01
4.2 X-Ray tube Unit & tube 01
4.3 Flat Panel Detector 01
4.4 Image acquisition Workstation01
4.5 Stereotactic Biopsy System 01
4.6 Archieving System 01
4.7 View Boxes – slim, four in one with fluorescent tubes and shutters with magnification device and variable luminescence 02 .

NEEDLE ASSEMBLY
Needle types
Aspiration needle 5 Nos.
Core needle 5 Nos.
Biopsy gun 2 Nos.
Needle adjustment Manual/automatic
Needle positioner Motorized
Needle lengths, mm 30-150
COORDINATE
Cartesian
MEASUREMENT
IMAGING AREA, mm 50 x 50
FILM FORMATS, cm 18 x 24
DIGITAL FORMAT
Pixel matrix size 1024 x 1024
Pixel size, im50
Resolution, lp/mm 20
Contrast
Shades of gray 4,096
Pixel depth, bits 12
OPERATOR CONSOLE
Hard disk storage As large as possible
Monitor
Screen size
Resolution 1280 x 1024
DICOM compatibility Yes
Soft-copy device DVD Writer
Hard-copy device To provide connectivity to the other hard copy devices elsewhere in the hospital like Dry Laser Printer / Thermal Printer / Hospital Network.

5. Environmental factors

5.1 The unit shall be capable of operating continuously in ambient temperature of 300 C and relative humidity of 80%
5.2 Proper X-Ray shielding should be provided for the main equipment.
5.3 Pre Requsites should be clearly spelt out in terms of Mammography room requirements.

6. Power supply

6.1 Suitable Power input to be 220-240VAC, 50Hz OR 440 V 3 PHASE, fitted with Indian plug
6.2 Resettable overcurrent breaker shall be fitted for protection
6.3 Spike protector of appropriate rating should be provided
6.4 UPS/CVT of suitable rating conforming to IS-302 shall be supplied .

7. Standards and safety

7.1 Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
7.2 Safety aspects of Radiation dosage leakage should be spelt out
7.3 Phantom for calibration should be provided.
7.4 Should comply with AERB Guidelines for radiation leakage
7.5 Acceptance tests as per International Standard should be carried out at manufacturing facility as well as installation site (including all Safety and QA tests)

8. Documentation

8.1 User manual in English
8.2 Service manual in English
8.3 List of important spare parts and accessories with their part number and costing.
8.4 Certificate of calibration and inspection from factory.

Item No: 12

PORTABLE COLOUR DOPPLER SYSTEM

System should be latest generation state of the art portable color doppler for Abdominal, vascular, obstetrics & gynecology, musculoskeletal, small parts Application etc., with suitable evaluation and measurement packages

Features remarks

1. System should be offered with following broad band width transducers:
(i) convex array transducer (frequency range of 2 to 4 mhz) (+/- 1 mhz)
(ii) linear array transducer (frequency range of 4 to 10 mhz) (+/- 1 mhz)
(iii) broad band micro convex transducer (frequency range between 4 to 10 mhz) (+/- 1 mhz)
(iv) intracavitary transducer (frequency range between 4 to 10 mhz) (+/-1 MHZ)
2. System should have following modes:
2 d, m mode, pulsed wave, continuous wave, color flow imaging & color power angio imaging, Tissue harmonic imaging should be available atleast in one transducer.
3. Digital processing channels – 60 or more digital channels for high resolution imaging with acquisition rate of at least 50 frames per second
4. Grey scale (min. 256 or more)
5. Broad bandwidth beam former technology transducers for extreme high resolution 2d imaging
6. Extended field of view imaging
7. System should have facility for gain adjustments using slide pot controls.
8. Should have minimum 2 active ports with direct switching from console
9. System should have a high resolution fully articulating non interlaced flicker free, antiglare, flat panel display of 10 inches or more.
10. System should have image management facility with facility for direct storage of images and loops in the hard disk drive and also thumbnail review to view & edit images, loops and also reports
11. Display annotation, patient id display and alpha numeric key board with track ball & provision for reverse, invert facility
12. Complete package for measurement and calculation provision for distance, area, volume & circumference etc.
13. Equipment should be of light weight.
14. Image storage:
Should have inbuilt hard disk for image storage. Specify image storage capacity
15. Image archival:
Inbuilt cd writer/ flash drive with the facility to transfer images

16. Dicom compatible
17. System should have direct connectivity to color laser printer for printing images & report
18. System should have extensive calculation software package for general imaging, ob/gyn & vascular imaging
19. Accessories:
1. B/w thermal printer of latest model (with ce or fda mark)
2. Color laser printer for direct printing of images from the system (with CE or FDA mark) (min DPI of 1200)
3. Biopsy attachment for the convex, linear & the tv/tr probes
4. Ups of appropriate rating with 60 mins back up; additional to in-built battery back-up of at least 30 min.
20 free software upgrade(s) during the period of warranty/AMC

Item No: 13

Radiant Warmer (Open care system for neonates)

1. **Description of Function**

Required for care of new born and infants

2. Operational requirements

Complete System with cart and oxygenation facility is required

3. Technical Specifications

Essential parts :
Cart & bassinet
Warming system with controls & alarms
Examination light
Storage Space-2 sliding drawers below bassinet 2 platforms of the size 9”x12” capable of holding upto 5 kg of equipments

Cart: Should swivel on 4 wheels of at least 5” dia with foot operated, 2 front lockable wheels

Dimensions:
Height: 180-200 cm
Width: 60-70 cm
Depth: 100-120cm
Working level: 95-110cms and adjustable.

Bassinet: 1 fixed and 3 movable transparent side walls
Portion above X ray cassette holder translucent

Mattress:
Width: 55-60 cm
Length: 65-70cm
Thickness: Minimum 4 cm
Material: Soft, Comfortable, easy to clean, radiolucent

Bassinet tilts in steps of 6-8 degrees, Trendelenburg or reverse trendelenburg

Warmer Module swivel: 45-65 degrees on either side

Warming systems Modes: Manual & Skin

Manual Mode:
Adjustable in steps from zero to 100

Skin Mode:
Method: Flexible, unbreakable skin temperature probes
Set point range: 34-38 degrees C
Skin Temp variability at Temperature equilibrium: +/- 0.2 degree C

Skin Temperature display
Accuracy: +/- 0.2 degree C
Type: digital LED with 0.1 degree resolution
Correlation of displayed and actual skin temp: difference <= 0.2 degree C
Silence/Reset Switch: To silence the alarm & reset set point

Alarms:
Probe failure
Heat failure
High and low temperature
Power failure
System failure

Examination light: Illuminance 100 foot candles at mattress center
Storage Space: 2 drawers, preferably covered and sliding
Pulse Oximeter: to measure oxygen saturation and heart rate resistant to motion artifact. Able to pick up signals in low perfusion states.
CPAP system: Flow driven with air oxygen blender and FiO2 control, with heated humidifier, airway pressure display 0-15cm H2O, with bonnet, cap and nasal prongs(10 of each size) for babies 600g-4000g with reusable circuits with 1 reusable flow generator.

Power requirements: 220/240 V AC, 50/60Hz

Accessories:
I.V line pole with pivot bracket: should be able to accommodate 2 fluid bottles

Monitor shelves: 2 in number
Should support upto approx 20kg per shelf or upto 25kgs total on single side

Standard X-ray cassette holder: sliding holder located just below under surface of bassinet with markings to help placement of cassette

Patient probes:
- Reusable temperature probes – 4 nos
- Reusable oxygen saturation probes – 4nos
- Patient extension cables for the saturation probes – 2 nos

4. System Configuration Accessories, spares and consumables

i) System as specified
ii) All consumables required for installation and standardization of system to be given free of cost.

5. Environmental Factors

i) The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

ii) The unit shall be capable of operating continuously in ambient temperature of 10 -40 deg C and relative humidity of 15-90%

6. Power Supply

i) Power input to be 220-240VAC, 50Hz fitted with Indian plug
ii) UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up.

7. Standards, Safety and Training

Should be FDA,CE,UL or BIS approved product
Manufacturer/Supplier should have ISO certification for quality standards
Shall Comply with electrical safety requirements as per IEC or BIS regulations
Price for all consumables-Temperature probes, saturation probes, extension cable heater element, halogen bulb, nasal prongs, bonnet, cap, flow generator and CPAP circuit should also be quoted separately.
Comprehensive training for lab staff and support services till familiarity with the system.

8. Documentation

i) User/Technical/Maintenance manuals to be supplied in English.
ii) Certificate of calibration and inspection.
iii) List of equipments available for providing calibration and routine preventive maintenance support as per manufacturer documentation in service/technical manual
iv) List of important spare parts and accessories with their part number and costing
v) Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Item No. 14

Vaginal Hysterectomy Set

B.P.Handle No.3	2
B.P.Handle No.4	2
Diss. Forceps Plain 16cm	2
Diss. Forceps Plain 20cm	2
Diss. Forceps Tooth 20cm fine	2
Diss. Forceps Tooth 20cm	2
Diss. Forceps Tooth 16cm fine	2
Diss. Forceps Attri. 20Cm	2
Diss. Forceps Fine Plain 20cm	2
Artery Forceps St.16cm	4
Artery Forceps Curved.16cm	12
Artery Forceps Mosquito curved	10
Artery Forceps Mosquito curved	10
Artery Forceps Mosquito St.	04
Heaany's Clamp	12
Valsalum Forceps Curved	4
Allis Forceps 20cm	12
Allis Forceps 16cm	12
Babcock Forceps 20cm	04
Babcock Forceps 16cm	04
Tanaculum Forceps 25cm	06
Artery Forceps Long Curved 23cm	04
Kochers Clamp 20cm St.	04
Kochers Clamp 20cm Cu.	08
Hysterectomy Clamp 23cm	12
Needle Holder 20cm	02
Needle Holder 20cm	04
Needle Holder 15cm	02
Needle Holder 16cm	02
Scissors Mayo St. 15cm	02
Scissors Mayo St. 18cm	02
Scissor Mayo Curved 17cm	02
Scissor Mayo Curved 18cm	02
Scissor Mayo Curved 20cm	02
Sponge Holder 10" St.	04
Sponge Holder 10" Cd.	04
Avard Vaginal Spaculam Handle	02
Avard Vaginal Spaculam Weight	02
Avard Vaginal Spaculam Blade	02
Avard Vaginal Spaculam Blade	02
Sim's Spaculam	02
Sim Spaculam Medium	02
Sim Speculam Large	02
Uterus Holding Forceps	02
Anterior Vaginal Wall Retractor	02
Jackson Retractor	04
Suction Cannula Trizer No.4	02

Towel Clip	12
S S Bowls 10 cm	04
S S Kidney tray 12"	02

Item No. 15

Phototherapy unit (Neonatal Phototherapy unit – CFL)

1 Description of Function

Phototherapy units are used to treat hyperbilirubinemia, a condition characterized by high bilirubin concentrations in the blood. These units are also called: bilirubin lamps, bilirubin lights, fiberoptic phototherapy blankets, neonatal phototherapy units

2. Operational requirements

i) Should be Compact Florescent lamp (CFL) based Phototherapy unit used for clinical management of neonatal hyperbilirubinemia
ii) Lamp unit should be made with plastic lamp module with metallic top cover for efficient heat dissipation to reduce radiant heat on infant.
iii) Should occupy very little bedside space, offer convenience in observation and procedures
iv) The unit should be mobile with 3 swivel castors of 2" diameter fixed to a T shaped base to be accommodated beneath trolley/bed with adjustable height.

3. Technical Specifications

i) Irradiance at 430-480nm effective to the baby at least 18mw/cm/nm at 45 cm from the lamp.
ii) Lamps: compact florescent lamps
iii) Height adjustable (app +/- 5 cm): 138cm(min)-190cm(max)
iv) Lamp tiltability: horizontal to vertical at any angle.
v) Time totalizer: Mechanical/Electronic
vi) Therapy duration timer: resettable – optional
vii) Height of the base app: 6-8cm(at the front)
viii) Size of the lamp unit(LxBxH): 47x40x9 +/-5cm
ix) Coating: epoxy/Powder coated body for scratch and rust prevention.

4. System Configuration Accessories, spares and consumables

i) System as specified
ii) All consumables required for installation and standardization of system to be given free of cost.
iii) 100 bulbs should be supplied along with each unit.
iv) Phototherapy eye pads 100 each for preterm and term babies to be provided free

5. Environmental Factors

i) The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

ii) The unit shall be capable of operating continuously in ambient temperature of 10 -40 deg C and relative humidity of 15-90%

6. Power Supply

i) Power input to be 220-240VAC, 50Hz fitted with Indian plug
ii) UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up.

7. Standards, Safety and Training

i) Should be FDA,CE,UL or BIS approved product
ii) Shall be certified to meet Electrical safety requirements as per IEC 60601-2-50 Medical Electrical Equipment part-2-50. Particular requirement for the safety of Infant Phototherapy equipment
iii) Manufacturer/supplier should have ISO certification for quality standards.
iv) Comprehensive warranty for 2 years and 5 years CMC after warranty and it includes checking flux as per specification every month
v) CMC would include all electrical, electronic and mechanical items.
vi) The CMC should provide at least 100 CFL lamps every year per unit.

8. Documentation

i) User/Technical/Maintenance manuals to be supplied in English.
ii) Certificate of calibration and inspection.
iii) List of equipments available for providing calibration and routine preventive maintenance support as per manufacturer documentation in service/technical manual.
iv) List of important spare parts and accessories with their part number and costing
v) Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

Item No. 16

Electro Cautery Apparatus

Should be suitable for all types of surgeries, General, Gyneac, Cardiac, Neuro, Urology, etc.
Digital system with automatic monitoring.
Display: Digital
Monopolar Auto cut: 300 to 400 W
Not less than two blend modes
Provision for Spray, Dessication
Bipolar Coagulation
Vessel sealing up to 7 mm vessels

Accessories:

Double pedal foot switch
Single Pedal Foot switch
Patient plate with cable x1
Autoclavable handles: 3 sets
Electrodes: 3 sets
Bipolar forceps with cord x 1
Vessel sealing instrument for open surgery with cable
Vessel sealing instrument for laparoscopy with cutting facility
All accessories should be from same manufacturer to ensure compatibility.
All instruments should be autoclavable or Single Use. Single Use disposables if offered should be sufficient for 20 surgeries.
Protection class - CF
Equipment shall be CE marked
Complete instruction and service manual should be supplied.

Item No. 17

ELISA READER with Washer

1 Description of Function

a. ELISA Reader is required to Read the Colour Density known as OD (Optical Density) in ELISA (Enzyme Linked Immuno-Sorbent Assay.) Plates.

2 Operational Requirements

a. Only ELISA Reader is required.

3 Technical Specifications

3.1 Optical System
Digital light control
8 measurement channels including 1 reference
Single and dual wavelength measurement with facility for kinetic measurement
8 s maximum measurement time for single and dual wavelength and 5s (+/-1Sec.) for kinetic
Measurement Range 400-700nm
Indication Range 0-2.999 abs
Accuracy Plus/Minus 2% or plus/Minus 0.005 abs
Resolution 0.001 abs
Inbuilt Filters: Narrow band interface
Should have the following filters – 405, 450, 492 (+/-2nm), 540, 620(+/-nm) and 690nm
Should measure end point, curves and kinetic

3.2 Software:
Storage of immediately preceding measurement at least 15 user programmable tests permanently stored
Time programmable between each measurement. Agitation programmable before each reading
Bidirectional printer interface.
Data memory not less than 300 plates/curves
Built in Windows based software programming software.

3.3 Measurement Modes

Plate shaking mode for sample mixing selectable speed and time
Flexible blank mode setting
Matrix Modes: Matrix -/x/t, Matrix-/0-0 (Range),
Matrix -/f/(Floating cut off)
Difference Mode: Absorbance of each well in even numbered subtracted from those of odd numbered columns
Curve fit Modes: LIN/LIN.LIN/LOG.LOG/LOG or auto curve transformation with ability to add the standard curve; 8 to 12 way string orientation or kinetic modes Table of optical densities, Delta DD, Graphic, Reaction rate/V-Max

3.4 Adjustable for different micro plate geometrics

3.5 Halogen Lamp 20 – 40 W.

3.6 16 digit alphanumeric fluorescent display

3.7 Membrane keyboard.

3.8 Technical Specification for washer
3.1 Auto strip washer for 96 well plates / stips
3.2 1 x 8 strips/ 1x12 strips
3.3 Dispensable wash volume 50-300 µl
3.3 Residual wash Volume-<0.5µl
3.4 Aerosol Shield for user safety
3.5 In built shaking facility

4 System configuration Accessories, spares and consumables
a. 8-12 channel manifold, all tubing sets, wash, rinse and waste bottles
b. Maintenance kit to be provided.
4.3 System as specified.
4.4 Halogen Lamps : 2
4.5 Printer inbuilt or external to be supplied along with 10Rolls/Z Fold
4.6 Dust cover

5 Environmental factors
5.1 The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

5.2 The unit shall be capable of operating continuously in ambient temperature of 10-40deg C and relative humidity of 15-90%

i. Power Supply

6.1 Power input to be 220-240VAC, 50Hz fitted with Indian plug
6.2 Resettable over current breaker shall be fitted for protection
6.3 Suitable voltage corrector/stabilizer
6.4 Suitable UPS with maintenance free batteries for minimum one-hour back-up should be supplied with the system

ii. Standards and Safety
a. Comprehensive training for lab staff and support services till familiarity with the system

b. Should be compliant to ISO 13485: Quality systems – Medical devices – Particular requirements for the application of ISO 9001 application to manufacturers and service providers that perform their own design activities.
c. Should be FDA or CE or ISI approved product

iii. Documentation

8.1 User/Technical/Maintenance manuals to be supplied
8.2 Certificate of calibration and inspection from factory.
8.3 List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service /technical manual.
8.4 List of important spare parts and accessories with their part number and costing.
8.5 Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist.

The job description of the hospital technician and company service engineer should be clearly spelt out.

Item No. 18

Cell Seperator/ Aphresis Unit

- Cell separator for carrying out apheresis procedures such as single donor platelets, stem cell collection, etc.

- Ensures highest standards of donor safety during any apheresis procedure with the help of unique features such as 5 time inlet occulussion restart, air detector in the return line, customized ACD control, adjustable flow rates for draw & return, volume measurement, cuff & prompt control & low ECV.

- Microprocessor controlled, fully automatic separator with beautifully designed user interface and easy access touch screen, provides flexibility to operator for deciding the optimum quality products based on the donor information.

- Continuous flow separation device which allows shortest collection time. For single needle (Avg 40-50min), for double needle (Avg 35- 45 min)

- Utilizes a unique technology defined as ‘Auto-Elutriation’, that allows the instrument to maintain a constant HCT level of 35%, contributing to highest efficiency in case of plt collection >=70% (among all other cell separators). For stem cell also, the efficiency is (for CD34 cells)>=65%

- Flexibility to blood bank, for carrying out single arm or double arm aphersis procedure, suitable to most of the donors thus avoids rejection.

- Weight scale measurement to monitor each volume of blood components being collected and solutions being used during the procedure, hence adding to donor safety and consisting for quality products.

- Leucoreduction for all platlet products to the range of <5X10E6, with the help of separation chamber design, ‘Auto-elutriation’ technique and dual stage centrifugation.

- Maintains one of the lowest extra corporeal volumes (ECV) of about 200ml during each apheresis procedure (For DN-205ml, SN-209ml), ensuring donor safety. Also interface detection in inside the centrifuge compartment itself adding to short collection time. Also, RBC recovery is maximum during any apheresis procedure.

- Has an inbuilt controlled feature of Cuff pressure & Prompt control to support the adequate blood flow during the apheresis procedure, adding to short collection time.

- Has a beautifully designed 'Yield Estimator', helps in deciding and optimising the product volume (storage fluid), yield, collection time, based on the donor information. Also, it helps operator to understand the post count, post hematocrit for the donor, contributing to donor safety and avoiding rejection.

- Storing the last 30 procedure information such as Targeted yield, storage fluid volume, collection time, solution volumes used, etc. These procedures reports can be downloaded through an acquisition network system to a host computer.

- 10min battery backup to support the memory of the procedure, in case of power failure. The same allows the operator to restart the procedure during power loss from the same point where it halted.

- Automated disposable kit installation check, before prime to identify any errors and avoid wastage of same kit.

- Options available to collect double dosage, triple dosage of Plt Products & multiple components such as concurrent plasma and concurrent red cell in a single procedure.

- Option to use platelet additive solution (PAS) as a replacement of plasma for storage, to ensure minimized immuno modulation of patients.

- Disposable kit set is primed with the help of both saline and ACD before the start of each procedure, to ensure kit sterility & functionality, adding to donor safety.

- During each procedure, if any alarm conditions occurs, help menu is available on the display to guide the operator for resolving the same alarm.

- Barcode reader option also available on request, allowing complete registration of procedure information to the machine. The same information is transferable to host computer through data acquisition software.

- Electrical Requirements – Input voltage supply is single phase, 180-240VAC, 50-60Hz. UPS of 2KVA with 10-15min backup recommended for smooth and continuous procedure.

- Operating temperature range opf 15.5-32.2 deg Celsius, with relative humidity of 0-85%

Item No. 19

Cryobath

- For uniform thawing of plasma bags at preset temperature between 3~56ºC

- Manufacturing standard:
  Manufactured at ISO 9001:2000 Certified facility
- Input power supply:
  230±10V%, 50Hz, 15A single phase AC
- External Dimensions:
  (WXDXH) in mm
  825 x 415 x 750 (approx)
- Internal Dimensions:
  (WXDXH) in mm
  550 x 310 x 2850 (approx)
- Factory set operating temperature:
  +3.8ºC to +4.2 ºC
- Capacity (in terms of bags):
  12 Regular plasma filled bags
- Time taken for one process:
  50-60 minutes for plasma bags stored at -40 ºC
- Tray:
  Stainless steel, removable tray with 4x3 configuration – Individual compartments for holding 12 plasma bags
- Voltage stabilizer:
  2KVA External Stabilizer (Not supplied with the equipment – to be procured by the customer)
- Mechanism for thawing:
  Pumping mechanism by high capacity pump
- Maneuverability:
  Provided with castor wheels
- Construction – external:
  Made of 22swg CR sheet powder coated after 7 tank process
- Construction – internal:
  Made of 18 swg stainless steel sheet of SS304 grade
- Sensor type:
  PT100
- Display 4 x 7 segment LED display (2 Nos.) for water temperature and set temperature
- Display resolution 0.1ºC

Item No. 20

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 AC, 50Hz.
Power Consumption	400 W
Internal Work space	600mmx600mmx600mm/ 900mmx600mmx600mm/ 1200mmx600mmx600mm/ 1500mmx600mmx600mm/ 1800mmx600mmx600mm (approx)
Net/Packed Weight Kg	70kg/98kg to 185kg/257kg(approx)

Item No. 21

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 (WxDxH) : 19 x 25 x 24 cm (approx)
Gross weight : 3 kg.(approx)

Item No. 22

Sterile Connecting Device

The equipment should be compatible with all standard tubing with an external diameter ranging from 3.9-4.5 mm & internal diameter of 2.9-3.1 mm.

The equipment should ensure sensor controlled welding as the in built sensor continuously monitors the temperature to ensure optimal quality and strength of weld.

The equipment should have an interactive LCD panel to provide information’s on status & operational prompts

The equipment should be compact and light weight which weigh on 6.5 kg

The equipment should ensure the complete sterility and safety of the transferred blood by ensuring the welding at 320 degree C and complete safety of Blood by compressing the tubing ends before the welding to displace the fluid for the site of welding. Also there is no particle or chemical residue is created by welding process.

The equipment should be easy to welds in just two steps with LCD penal and alarm to monitor the welding process.

Item No. 23

Fully Automated Three Part Hematology Analyzer

- Measures 18 parameters including differential leucocyte with only 20 microlitre of blood
- Backlit and touch screen LCD display.
- All 18 parameters alongwith three histograms are displayed
- In built thermal printer,and facility of external also.
- Automatic sample prob wipe.
- Automatic prob parking in side the machine
- Automatic orifice cleaning with back flush.
- Possibility of shifting discriminators manually for particle size analysis.
- Should have zero back ground count at any time.
- Should have two seperate chambers for WBC & RBC measurement.
- Should have long life led,sensors & maintenance free membrane valves.
- Should have throughput 60 test / hour

Item No. 24

Refrigerated Centrifuge

- For separation of blood components like packed cells, platelet rich plasma, platelet concentrate,
- Cryoprecipitate & Buffy Coat.
- Programmable memories with tamper proof facility.
- Rotor head with swing out buckets, wind shielded.
- Oval Shaped metal buckets with removable plastic oval cups to hold double/triple/quadruple blood bags.
- Refrigerated centrifuge with suitable rotor head & buckets should accommodate/process minimum
- 8 blood bags of 450 ml capacity simultaneously.
- Manufacturer to indicate volume & capacity of plastic bucket.
- Centrifugal Force- Max ceiling 5000g.
- Microprocessor Controlled rotor speed to with in 10 rpm of set value.
- Different Acceleration & Deceleration profiles should be available.
- Temperature range 0 deg C to +40 deg C, Microprocessor controlled rotor temperature with in +/- 1degC regardless of centrifuge speed.
- Programmable time should be from 0-99 minutes with minimum revolution of 1 minute.
- Digital display of temperature, speed & time & other relevant parameters.
- Automatic shut down of centrifuge, if rotor load is out of balance with indicator.
- Safety Key lock to prevent unauthorized use.
- The equipment should have lockable castors.
- The Refrigerated centrifuge should have built in memory to store atleast 50 data of centrifugation during the processing of Blood Components. The data from the centrifuge can be transferred to a computer using a RS 232 data interface.
- Power Supply Requirement:- 220-240 Volts 50 Hz Single Phase.
- Servo Controlled heavy duty line voltage corrector should form part of the standard configuration.

- A line voltage corrector of appropriate rating giving all the specifications should be supplied along with the unit.
- Should be a CE marked product & from an ISO, WHO-GMP compliant manufacturer.

Item no. 25

Fibre –Optic flexible Bronchoscope adult with light Source and Accessories

1 Description of Function

Bronchoscopy is a procedure in which a hollow, flexible tube called a bronchoscope is inserted into the airways through the nose or mouth to provide a view of the tracheobronchial tree. Video bronchosope has a video output for the images to be displayed on TV Monitor

2. Operational Requirements

• Light weight & fully immersible in disinfectant solution.
• Compatible with Laser (YAG/ Diode)
• Compatible with Electrosurgical accessories.

3. Technical Specifications

VIDEOBRONCHOSCOPE (THERAPEUTIC)ADULT

1• Latest color CCD chip technology.
2• Compatible Xenon light source with Back up Halogen source
3• Compatible RGB Color monitor (At least 14”)
4• Compatible image capturing device with adequate detachable and storage memory devices (CD Writer)
5• Field of View: 120 degree or more
6• Depth of field: 3 mm to 100 mm or better
7• Direction of View: Forward viewing
8• Distal end Dia.: At least 6 mm
9• Insertion tube Dia.: At least 6 mm
10• Working Length: 580 m to 600 mm
11• Min. Visible distance: 3 mm from distal end
12• Instrumental Channel Dia.: more than 3 mm
13• Bending range: Up-180 deg. & Down-130 deg

4. System Configuration Accessories, spares and consumables

4.1 Standard set should include biopsy forceps (Fenestrated & Alligator type) I no. each, Grasping Forceps (Shark Tooth type) 1 no., Cytology Brush Set (10-12 Brushes) with Reusable sheath, Canulae (I no.), Coagulation Electrode with cord 1 no., cleaning and maintenance kit.

4.2 • Separate Instrument channel for therapeutics:
• It should be compatible with the above mentioned video processor unit, Xenon light source, RGB color monitor and image capturing device.

Standard set should include Biopsy forceps (Ellipsoid) 1 no. each, Cytology Brush set (6 pieces, disposable type), cleaning and maintenance kit.

Additional Accessories as per standard conditions

1. Semi disposable Biopsy valve(1 set of 10pcs)
2. Semi Disposable suction valve
3. Mouth Piece(2 pc)
4. Water Resistant cap(1 pc)
5. Aspiration Biopsy Needle (1 pc)
6. Trolley to accomadate above mentioned system with electrical extension board.
7. Appropriate Cup Board to store the equipment.

5. Standards & Safety

5.1 Certified to meet the current leakage requirement of IEC 60601-2-18 or equivalent standard for Medical Equipment particular requirement for safety of endoscopy equipments.

5.2 Should be FDA/CE/UL/BIS approved product

5.3 Manufacturer should be ISO certified for quality standards

Item no. 26

B Scan:

1	Gain	25 to 105 dB
2	TGC	0 to 30 dB
3	Contact probe	12.5 Mhz (10 Mhz) optional
4	Immersion Probe with two transformer	35Mhz to 50Mhz
5	Angle contact probes	20 to 60degrees
6	Scan angle for immersion probes	10 to 30 degrees Vector density & sampling
7	Axial Resolution	50 Microns
8	Lateral resolution	50 Microns
9	Datadabase Dimensions	500kb
10	Measurement types	Angle caliper 1 caliper 2 and A Scan/B Scan
11	Capability	A Scan Vector available as overlay on B Mode image
12	Velocity	Adjustable to tissue or material being image
13	Recording	AVI formal duration determined by user Image Exporting
14	Exporting	JPG,AVI.Raw data file System
15	Main Power	110V/220VAC frequency: 60/50Hz Power consumption
16	Gross weight	70kg approx

Item no. 27

OCT

1	Axial resolution	5 Gm(in tissue)
2	Transverse resolution	15Gm(in tissue)
3	Scan Speed	27000 A scan's per second
4	A scan depth	2.0mm(in tissue) 1024 points
5	Field of view	Minimum 36 degrees x 30degrees
6	Optical Source	Super luminescent diode(SLD),840nm

Fundus image:

1. Live during scanning using LSLO & SLO for precise registration.
2. Optical source: super luminescent diode (SLD): 750 nm
3. Focussing adjustment: 20D to +20 for focussing range
4. Scan patterns: Macular cube 200 X 200
   Macular cube 512 X 128
   Five line roster with 4096 A scan per B scan
5. Internal & external fixation.
6. Internal storage> 80,000 scans
7. Pupil size requirement: 3.0mm
8. Validated normative data for RNFL for glaucoma applications and macular analysis.
9. 30 viewing of section cube.
10. Auto detection of optic disc of fovca
11. Normative data for optic werve head.
12. Upgradability for optic werve head.
13. Motorized in chin rest.
14. Scan capture and alignment through mouse.
15. Ergonomically designed motorized table
16. Photo quality suitable printer

Item no. 28

Phototherapy Unit

Specifications:

UVB - 1 No.

Phototherapy Unit Dimensions

- Closed Footprint :76"Hx56"Wx9"D (approx)
- Open footprint : 76"Hx38"Wx38"D (approx)
- Open treatment area : 5.4 square feet

Lamps:

- 16TL 100W UVB narrowband lamps

Electrical rating:

- 220-240V, AC plug in

- 50Hz,13 Amps

UVB light :

- With UVB light is generally safer and easier than UVA

UVA - 1 No.

Phototherapy Unit Dimensions

- Closed Footprint :76”Hx56”Wx9”D (approx)
- Open footprint : 76”Hx38”Wx38”D (approx)
- Open treatment area : 5.4 square feet

Lamps:

- 16TL 100W UVB narrowband lamps

Electrical rating:

- 220-240V, AC plug in
- 50Hz,13 Amps

UVA light UVA light is used with psoralen (PUVA)

Note: Technical offer & price offer should be given separately for UVA & UVB

Item no. 29

Radiofrequency Machine

1) Radiofrequency machine (Ellmansurgitron)
Frequency: 3.8MHz
Power output: 140W
Foot switch, no need for ground contact
Four waveforms & 5 modalities of operation
Autoclavable handpeices
CE mark/EMC compliance, ISO 9001 certified & FDA 510k approved
Size: 8”x61/4x9” (approx)
Weight:9lbs
Electrodes:
Fine wire ¼” Round Loop Fine Wire
¼” triangle loop
Fine wire 3/16” Diamond Loop
1/31” x 3/8” Straight Needle
2mm Ball
Broad Needle - bent tip
Vari-tip
Accessories:
Antanna Plate
Hand piece
Power cord

Item no. 30

PORTI SLEEP DIAGNOSTIC SYSTEM

Dimensions(HxWxD) : 30.5x62.7x140mm (withouty bag)
Weight : 140kg including battery
Temprature range : +15^{o}C to +45^{o}C
Humidity : 50% to 80%
Storage medium : Mutimedia card
Storage capacity : Approx. 360 hours
Faulty Indicator : 2 LED's (front)
Power Supply : Rechargable NiMH battery 3.6V/950mAh
Charger : Plug in charger
Output : Serial Interface D-sub 9 pin
Power Consumption : Approx. 50mA
Online operation for : Online operation with a patient, a fibre optic link to the PC is essential (available as an option)
Measurement of SpO2 : 60% to 79% (+/- 4%)/80% to 9%(+/- 2%)
System requirements : PC with Pentium Processor or higher Microsoft Windows 98 SWE/Me/NT/2000/XP/Vista-Hard disk with at least 100MB free storage CD=drive. Mouse Free Serial part or USB printer.

Channels:

Flow(using a flow prong, even during CPAP therapy)
Oxygen saturation SpO2
Pulse
Thorax effort(sensor integrated in chest strap)
Abdomen Effort
Obstruction and phase shift
Snoring (microphone integrated in the basic unit)
Position (magnetic sensor in the instrument)CPAP/BIPAP(to obtain absolute pressure during CPAP therapy)
Neuropath(EEG, automatic sleeping stage classification)
Leg Movement(restless leg, single or double)
ECG (resolution upto 200Hz) and central heart frequency
PTT Pulse Transit Time
Interface for external Analog input
Nuerology (6xEEG,2xEOAG,Chin EMG)
Pulse wave (Plethysmogram)
Ambient light
Video interface (online measurement)
Available in the unit (as an option)

Item no. 31

CPR Manikins

I. Basic life support full body Manikin with skill reporte facility

1. It should have feature to create natural obstruction of airway which allows students to learn the important skill of opening the airway
2. It should allow head tilt/chin lift and jaw thrust manoeuvres necessary while resuscitating real victims
3. It should provide realisitic resistance for chest compressions which allows the students to experience the amount of pressure needed to perform proper chest compressions in a real life situation.
4. The manikin should have automatically correct landmarks and sternal notch which allows to practice identification of all anatomical land marks relevant to adult CPR.
5. Articulating arms, legs and head should allow realistic weight handling of an adult during obstructed airway manoeuvres.
6. Cartoid pulse simulation to realistic check for pulse should be featured.
7. There should be disposable non-rebreathing airways which will be helpful to reuse during training.
8. Removable/reusable faces, which will be helpful for students to have their own mouth-to-mouth face and offers easy after class cleaning and sanitation.
9. **Skill Reporter CPR performance module-** should provide immediate objective assessment on ventilation duration, volume, compression depth and hand position.
    - Students get real-time feedback via LED display and/or graphical printout. It should provide objective statistical report on accuracy in meeting the standard CPR intervention protocols.
    - It should be capable of logging CPR intervention sequence without the skill reporter unit being connected, which will be very useful.
    - It should have features in scenario based training.
    - It should be instructor driven and controlled.
    - It should have Monitor and control one or multiple training sessions from one PC with ease.
    - It should have extensive database management which should incorporate detailed students and instructor data.
    - Student performance can be saved both graphically and numerically and retrieved for analysis.
    - All performance data can be printed including numerical and graphical summaries.
    - Import and Export numerical performance Statistics
    - Objective Performance Summary should offer a simple and effective debriefing tool.

II. INFANT CPT TRAINER WITH SKILL REPORTER.

Unit Required-1

The baby manikin should offer realism and quality to infant CPR education. Its full-body construction and use of the optional skill guide performance indicator should enable students to quickly sharpen their skills in performing infant CPR to high standards.

- Natural obstruction of the airway will allow students to learn the important technique of opening the airway so that in a real-life situation they know how to effectively administer air to the victim.
- Automatically correct landmarks and sternal notch allow the student to practice identification of the anatomical landmarks relevant to infant CPR.
- Articulating arms, legs and head allow realistic weight and handling of an infant during obstructed airway maneuvers.
- Brachial pulse simulation to realistically check the pulse.
- Disposable non-rebreathing airways are suitable for use by more than one student during class and are quick and easy to change after each training session
- CPR performance indicator should provide immediate objective feedback on ventilation duration and volume, compression depth and finger position.

III. ADULT ADVANCED CARDIAC LIFE SUPPORT WITH SKILL REPORTER (1 QTY)

1. Anatomically accurate aiway allows for realistic practice of basic and intermediate airways interventions with various airway adjuncts including:
    i. Oropharyngeal and nasopharyngeal airway insertion
    ii. Bag-Valve-Mask
    iii. LMA
    iv. Laryngeal Tube Airway
2. IV arm provides proficiency in venipuncture and IV administration.
3. Live Defibrilliation which should allow users to incorporate live AED or manual defibrillators during learning experience.
4. Connector 3-lead feature to monitor ECG reading during training
5. Automatically generated carotid pulses should be synchronized with ECG allow realistic pulse checking during training.
6. Remote Control provides cordless instructor control and intervention during training.
7. Modular design for attachment to CPR manikins.
    - Skill reporter CPR performance module should provide immediate objective assessment on ventilation duration, volume, compression depth and hand position.
    - Student gets real-time feedback via LED display and/or graphical printed output. It should provide objective statistical report on accuracy in meeting the standard CPR intervention protocols.
    - It should have capability of logging CPR intervention sequence without the skill-reporter unit being connected, which will be very useful.
    - It should have features in scenario based training.
    - It should be instructor driven and controlled.
    - It should have monitor and control one or multiple training sessions from one PC with ease.
    - It should have extensive database management which should incorporate detailed student and instructor data.
    - Student performance can be saved graphically and numerically and retrieved for analysis.
    - All performance data can be printed including numerical and graphical summaries.
    - Import and export numerical performance statistics.
    - Objective Performance Summary should offer a simple and effective debriefing tool.

IV. ADULT AIRWAY TRAINER

UNIT REQUIRED-1(ONE)

It should simulate real-life complications when practicing a variety of intubation, ventilation and suction techniques.

Practice of oral and nasal intubations.
Practicing use of LMA (Laryngeal Mask Airway) and combitube
Provide auscultation of breath sounds
Airway demonstration model is standard with each trainer.

INFANT AIRWAY MANAGEMENT (TRAINER OF 3 MONTHS OLD INFANT)
UNIT REQUIRED-1 (ONE)

It should provide the realistic anatomy of a three-month-old infant for teaching and practicing basic and advanced airway management skills.

- Realistic anatomy of the tongue, oropharynx, epiglottis, larynx, vocal chords and trachea.
- Practicing of oral and nasal intubation.
- Practicing use of LMA(Laryngeal Mask Airway)
- Correct tube placement can be checked by practical inflation tests
- Bag-Valve-Mask ventilation can be practiced.
- Sellick Maneuver can be performed.
- Stomach Inflation
- Realistic tissue simulation.

V. PEDIATRIC INTUBATION TRAINER
UNIT REQUIRED-1 (ONE)

Anatomically accurate reproduction of a pediatric torso designed for teaching the differences in pediatric and adult anatomy for airway management procedures.

- Anatomically accurate airway will allow sizing and insertion of various airway adjuncts:
- Oropharyngeal and nasopharyngeal airway insertion.
- Endotracheal tube insertion and securing.
- Bag-Valve-Mask ventilation
- Tracheal Suctioning
- Manually generated carotid pulse.
- Closed Chest compressions.

VI. BLS PRACTISING MANIKIN.
UNIT REQUIRED-4 (FOUR)

- Oral and nasal passages should allow realistic nose pinch required for mouth-to nose ventilation.
- Natural obstruction of the airway will allow students to learn the important technique of opening the airway.
- Head tilt/ Chin Lift and jaw thrust will allow students to correctly practice all maneuvers necessary when resuscitating a real victim.

- Realistic airway function: airway remains obstructed without proper head tilt/ chin lift or jaw thrust and chest rise is seen with correct ventilations.
- Anatomically correct landmarks and sternal notch allow the students to practice identification of all anatomical landmarks relevant to adult-CPR.
- Audible feedback reinforces correct compression depths and an optional 'clicker' features signals the correct compression depth.
- Realistic chest compression resistance allows the student to experience the amount of pressure needed to perform proper chest compressions in a real-life situation.
- Economical disposable airways for quick and easy cleanup.
- It should have a realistic appearance and it should be anatomically correct.
- It should have a replaceable cartilage and skin.
- Simulator's palpable landmarks should include the criciod and thyroid cartilage. The laryngeal prominence should be a feature of the hyper extended neck.
- The trachea should be replaceable. It should allow the stylet and obdurator placement once the stab has been made.
- It should be supplied in a carry case with five replacement skins, five cartilage inserts and teaching guide.

VII. Automated External Defibrillator (AED) trainer (1 Qty)

- Ten pre configured sudden cardiac arrest scenarios compatible with training programs developed by internationally recognized responder programs.
- Remote control (optional) for manual scenario selection pause/resume function, AED trainer 2 volume control, motion artifact, low battery or replace battery, loose electrodes connection, shockable or non shockable rhythms and error conditions that simulate the red X in the HeartStart FR2's status display window.
- Designated for use with the AED minikins by providing student feedback as to proper pad placement on the manikins. It should also be used with any other manikin available.

Item No. 32

Convective Forced Air Warming System.

It should be useful for patients of all age groups.
Unit should be mobile and light weight for easy transport and storage
Heater temperature range:

Heater temperature range should be 36 degree C to 44 degree C + 2 Degree Centigrade.

Facility should be available to deliver ambient temperature air to facilitate cooling of patient.

Approximate time to change the average contact surface temp. from ambient to 36 degree C should be less than 10 min.

Blower unit should have silent operation and should deliver clean air.
Digital display of distal end temperature
Adjustable audio visual alarm for

Over temperature
Under temperature

Hose disconnect

Automatic over temperature shut off with alarm

Body blankets: total 16 Nos

Adult full body- 4 nos

Paediatric full body- 4 nos

Upper body- 4 Nos

Lower Body- 4Nos

Blanket material should be flame retardant, soft, flexible, resistant to tears, punctures, fluids and should not get sticky

It should have adequate length to cover adults and children.

It should be easily foldable for storage.

There should be uniform tubular airflow channels with uniform and comfortable heat distribution.

It must allow easy visualization of head and neck areas.

Demonstration compulsory.

Two years comprehensive warranty and should provide Technical support and required spares and consumables for 7 years after warranty period is over.

It should follow international standard and safety requirement.

Operating and detailed service manual along with circuit diagram.

All the standard accessories.

User's list must be provided.

Tropicalisation: Operating Temp : upto 40 Deg.C

Storage Temp ; upto 60 deg.C

Relative humidity: upto 90% non condensing.

Item No. 33

Jet Ventilation Kit.

1. Should be possible to attach the device to oxygen Cylinder as well as Central wall unit/ Auxiliary outlet of Anaesthasia Machine.
2. The device should have a facility to set the outlet pressure as desired by the operator.
3. The device should have two pressure gauges, one to monitor the pressure of the inlet gas and the other to monitor the adjusted pressure.
4. The outlet as well as the inlet tubings should be atleast each 3 meters long and should be able to withstand the high pressure.
5. The Injector button should be sturdy in design so that it doesn't become incompetent with period of time.
6. At the end of the tubing, there should be a louver lock fitting to connect the needle.
7. There should be three sizes of needle available-12, 14 & 16 G

Item No. 34

Dental X-Ray

1. Microprocessor controlled DC dental X-Ray machine
2. DC Dental X-Ray machine to offer consistent reliability, shorter exposures, reduced radiation quality
3. It should be used to operate with digital sensors, PSP, or film
4. It should deliver, shorter exposure time and reduced radiation.
5. The main control panel should have minimum 20 exposure settings plus fully-programmable
6. The X-Ray tube head should be supplied with 12” cone
7. The X-Ray tube head should be 65KV Fixed
8. The X-Ray tube head should be 7 mA fixed.
9. Should have Focal spot less than 0.6 mm for significantly sharper images
10. Minimum exposure should start at 0.02
11. Focal length standard 12 inches
12. Line voltage 115V, 60Hz or 230V, 50Hz or workable in Indian conditions
13. The cone should have movement in radius of minimum length of 2 meters from the wall.
14. The Tube Head should move on a track ball with 720 degrees movement.
15. The exposure switch should be cordless & should have full function data in the switch to e-program & click from remote place.

Item No. 35

Dental Sterilizer

1. Power supply Single phase: 230 VAC± 10%
2. Sterilizer
3. Power consumption max.: 2100 W/ 9.2 A
4. Approx. Dimension overall (mm): W: 445 – H: 410 – D: 520
5. Main / Used water tanks content : 3.5 / 4.0 litres
6. Working range : 8 to 12 cycles
7. Average / max. noise level: 55 / 63 Db
8. Chamber Capacity: Approx. dimensions (mm) 17 litres / Ø 250 – D: 350
9. External connections
10. The sterilizer is supplied with the facility to connect to external water supply. It can also be plumbed directly to a sink or waste water connection
11. Independent steam generator: Separate steam generation and storage
12. European standard compliance EN 13060

Item No. 36

Intra Oral Digital Radiography and Imaging

1. Should be CCD Plus CESIUM IODIDE (CsI) Scintillator
2. Sensors should be round package and cut corners for maximizing patient comfort
3. Should be available in two different sizes
4. Should have small pixel size of19.5µm
5. The sensor should always be active (Auto-trigger):
6. It recognizes incident X-rays and captures the images without the user having to activate the system
7. Should have 2 m and 4.5m USB cable to connect the IME with a computer. (or Cordless with Ipod handheld touch sense digital display)
8. Sensor cable length should be 3 m long (or Cordless wit Ipod handheld touch sense digital display)
9. Should be Class IIA medical device to enhance patient safety
10. Sensors should be supplied with sensor aiming device
11. Should have facility to wall-mounting assembly
12. Sensor should also have wall-mounting assembly
13. Disposable barriers of latex should be supplied with sensor

Item No. 37

Dental Panaromic X-Ray

1. The machine model / quoted must be type approved by AERB (Atomic Energy Regulatory Board). Attach copy of the certificate
2. It should have panoramic X-ray imaging
3. Should have movement technology, multi-motor with and motorized carriage movement.
4. Should have up/down movement.
5. Should have panaromic examination programs for high resolution panaromic imaging.
6. Anatomic programs should be as per patient type: adult/child
7. Technical Data

- Generator High Frequency DC generator
- X-Ray tube KL-40 equivalent
- Focal spot size 0.5mm
- Minimum total filration 2mm Al
- Line Voltage 230/240 V, AC-10% 115 V, AC (50/60 Hz)
- Anode voltage 60/70 KV
- Anode current 7 mA
- Exposure time 9s panoramic
- SID 500 mm (19.69) panoramic
- Fusing S A/8 a slow(230/115V,AC)
- Electrical safety classification EN60601 -1 class 1/B
- Color RAL9003, RAL9006
- Digital Unit
- Sensor CCD-detector
- Active sensor surface PAN: 147.5X6.1mm
- Pixel Size 96mm

- Resolution 6.25lp/mm
- File size Panmax: 9.5MB
- Workstation computer recommendations
- Operating system Window XP Professional/Home/SPI or SP2, Window 200 professional/SP4/5P64

Standard accessories:

- Chin support
- Temple clamps
- X-ray exposure switch with extensible cable.
- Hand grips
- Disposable bags
- Bite blocks with supporters
- Electrical requirement
- Power supply voltage AC 230 V
- Frequency 50Hz

Item No. 38

Ndyag Laser

Laser Type Nd YAG Laser
Wavelength nm
Energy – 0.3 to 10 MG single plus
Burst Mode: Single, Double, Triple Pulse
Aiming Beam: Laser Diode, adjust
Pulse Duration: 4 ns
Spot Size: 16 microwns
Concanlge 16 degnes
Offest: Post offset should be available
Magnification: 3 Stepor SSKP
Cooling: air cooled
Safety glasses
Abraham YAG Capsuloromy Lens
Abraham Irridectory Lens
2 Yrs warranty and technical support
Operating Mannual

Item No. 39

Opthalmic Operation Table:

1. Silent CE Marked imported DC Motor guies smooth up down movement
2. Height + Range :- 640 mm/870 mm
3. Lifting speed :- 8 mm/s
4. Total Length :- 1880 mm
5. Total width :- 690 mm
6. Base size :- 825 mm/520 mm

7. Wight Capacity :- 135-140 kg
8. Gross Weight :- 115 Kgs
9. Built in 02 inlet tube
10. Side tray
11. IV pole

Item no. 40

Forward punch No. 1,2,3,& 4
Disc Forceps No. 1,2,3 & 4

A) Kerrison Roungers Forward Punch

Specification

Sr. No.	Description	Qty.	Remark
1	450 Forward Punch No.1	1	
2	450 Forward Punch No.2	1	
3	450 Forward Punch No.3	1	
4	450 Forward Punch No.4	1	

B) Disk Punch (Disc Forceps)

Sr. No.	Description	Qty.	Remark
1	Disk Punch (Disc Forceps) No. 1	1	
2	Disk Punch (Disc Forceps) No. 2	1	
3	Disk Punch (Disc Forceps) No. 3	1	
4	Disk Punch (Disc Forceps) No. 4	1	

Item no. 41

ELECTRIC BURR PEN DIVICE

Specifications:-

SR. No.	Description	Qty.
1	Standard Consote, with irrigation for Electric Pen Drive	01
2	Electric Pen Drive 60000rpm	01
3	Hand Switch for Electric Pen Drive	01
4	Foot Switch (1Pedal),for Electric Pen Drive	01
5	Cable Electric Pen Drive- Console length 4m	01
6	Seal Nipple for Cable, for Electric Pen Drive	01
7		01
8	Burr Attachment, M for EPD and APD	01

9	Burr Attachment, L, angled, for EPD and APD	01
10		01
11	Synthes® Maintenance Spray, 400 ml	01
12	Adapter for EPD, Handipiece, for Maintenance Spray No. 05.001.098	01
13	Adapter for EPD/APD Attachments, for Maintenance Spray No. 05.001	01
14		01
15	Burr, Round, M, Ø 1.0 mm, sterile	01
16	Burr, Round, L, Ø 1.0 mm, sterile	01
17	Burr, Round, M, Ø 2.0 mm, sterile	01
18	Burr, Round, L, Ø 2.0 mm, sterile	01
19	Burr, Round, M, Ø 3.0 mm, sterile	01
20	Burr, Round, L, Ø 3.0 mm, sterile	01
21	Burr, Round, M, Ø 4.0 mm, sterile	01
22	Burr, Round, L, Ø 4.0 mm, sterile	01
23	Burr, Round, M, Ø 5.0 mm, sterile	01
24	Burr, Round, L, Ø 5.0 mm, sterile	01
25	Burr, Round, M, Ø 8.0 mm, sterile	01
26	Burr, Round, L, Ø 8.0 mm, sterile	01
27	Burr, Round, M, Ø 1.0 mm, diamond-coated, sterile	01
28	Burr, Round, L, Ø 1.0 mm, diamond-coated, sterile	01
29	Burr, Round, M, Ø 2.0 mm, diamond-coated, sterile	01
30	Burr, Round, L, Ø 2.0 mm, diamond-coated, sterile	01
31	Burr, Round, M, Ø 3.0 mm, diamond-coated, sterile	01
32	Burr, Round, L, Ø 3.0 mm, diamond-coated, sterile	01
33	Burr, Round, M, Ø 4.0 mm, diamond-coated, sterile	01
34	Burr, Round, L, Ø 4.0 mm, diamond-coated, sterile	01
35	Burr, Round, M, Ø 5.0 mm, diamond-coated, sterile	01
36	Burr, Round, L, Ø 5.0 mm, diamond-coated, sterile	01
37	Burr, Round, M, Ø 6.0 mm, diamond-coated, sterile	01
38	Burr, Round, L, Ø 6.0 mm, diamond-coated, sterile	01

Item no. 42

Microscope (Trinocular)

Observation tubes:

- Ergonomic 30 dgree viewing angle
- 55-75mm interpupillary distance
- Large field of view with 18mm or 20mm options
- Binocular, trinocular(with 20/80 or 0/100 light split), Digital

Eyepiece:

- 10x/18mm
- 10x/20mm
- 15x/13.3mm
- 12.5x16mm

Objectives:
Magnification (4X), N.A (0.1), W.D (6.3) mm (approx)
Magnification (10X), N.A (0.2), W.D (4.4) mm (approx)
Magnification (20X), N.A (0.4), W.D (4.66) mm (approx)
Magnification (40X), N.A (0.65), W.D (0.35) mm (approx)
Magnification (60X), N.A (0.85), W.D (0.13) mm (approx)
Magnification (100X), N.A (1.25), W.D (0.13) mm (approx)
Magnification (Phase 10X), N.A (0.25), W.D (4.4) mm (approx)
Magnification (Phase 40X), N.A (0.65), W.D (0.35) mm (approx)
Illumination options:

- 6V/30W halogen
- 3W LED
- Mirror

Condensor:

- Abbe 1.25NA with slot for accessories and condenser lock available

Stage:

- Hard Coated Mechanical Stage with 76x30mm travel range
- Left or Right stage drive available

Other options:

- Simple Phase Contrast 10x and 40x sliders for condenser
- Darkfield slider for condenser
- Simple Polarisation with analyzer and polarizer.

Item no. 43

Automated Perimetry

Data Storage: Single 3 1/2” floppy drive internal hard disc drive
File Storage: Alphabetical Chronological patient name
User Features:

- Blind Spot Monitor
- Trial Lens holder
- Gaze Trading
- Head Trading
- Vertex monitor

Operator Monitor Interface:

- Help menu
- Touchscreen on CRT
- Key Board
- Mouse
- External VGA monitor
- Motorized Chin Rest

Printer:

- Thermal printer
- Table mounted
- Stand

Printer data input:

- Name B.D.
- ID, Tricel lens
- VA, Pupil size
- IOP, C/D Ratio, Diagnosis code, procedure code, Comments

Item no. 44

NEONETAL SURGERY SET

Scalpel Handle No.3.-2
Scalpel Handle No. 7.-2
Scalpel Handle No. 41.-2
Scalpel Handle #3X-Long Straight -2
Micro Halsted Forceps curved 125mm-24
Micro Halsted Forceps Straight 125mm-20
Babcock Tissue Forceps 220 mm – 2
Dissect. Forceps Med. Wide 130 mm-2
Mc Indoe Tissue Forceps Delicate 1x2 150 mm-2
Delicate Tissue Forceps 1x2 110 mm-2
Waugh Del Tissue Forceps 1x2 125 mm-2
Micro Adson Tissue Forceps 1x2 150 mm-2
Lagenbeck Green Retractor 16x6 mm 159mm-2
Lagenbeck Green Retractor 24x6 mm 159mm-2
Tungston carbide Ryder Needle Holder Delserr 135mm -2
Tungston carbide Ryder Needle Holder Delserr 155 mm-2
Deaver Retractor 178 mm-2
Tungston Carbide Debakey Ndl Holder Del Serr 180mm-2
Balfour Baby Abdominal Retractor-2
Mixters forcesps 140MM-2
Scissors 180mm CURVED CARBIDE BLADES-2
Babcock Forceps 150mm-2
XTERS FORCEPS 140mm-2
Debakey Dissecting Forceps A/G Jaw 150mm-2
Debakey Ultra Light Dissecting Forceps A/G Jaw-2 150mm-2
Ryder Needle Holder Tungston carbide 135mm-2
Debakey Needle Holder Tungston Carbide Tip 150mm-2
Delicate Scissor Tungston Carbide Jaw 120mm-2
Ryder Needle Holder Tungston Carbide/Tip 135mm-1
Debakey Needle Holder Tungston Carbide Tip 150mm-2
Intestinal Clamp Curved 130mm-2
Devers Abdominal Retractor Adult 15mm 300mm-2
Jewellers Micro Forceps Angled Tip 0.3mm 110 mm-2
Jewellers Micro Forceps Straight Tip 0.2mm 110 mm-2
Jewellers Micro Forceps Straight Tip 0.15mm 110 mm-4
Jewellers Micro Forceps Curved Tip 0.2mm 115 mm-3
Jewellers Micro Forceps Straight Tip 0.3mm 135 mm-4
Jewellers Micro Forceps Straight Tip 1X 2 Teeth 0.4mm-4
Ryder Needle Holder Delicate 1mm 125mm-4

Ryder needle holder delicate 1mm 150mm-6
Foester Sponge Hold Forceps, Serrat, Jaws-4
Halsted Delicate Forceps Str 185mm-8
Halsted Delicate Forceps Cvd 185mm-10
Backhaus Towel Clamp 90 mm-24
Allis Thomas forceps 6x7 200mm-4
Standard tissue forceps 1x2 145mm-2
Standard tissue forceps 1x2 180mm-2
Standard forceps serr 250mm-2
Standard tissue forceps 1x2 250mm-2
Tc debakey needle holder offset rings 195 mm-2
Mixter suture forceps rt ang 230mm-2
Artery forceps curved 250mm-2
Finochitto-2

- It should be imported.
- Life time warranty for instrument.
- Substance should be non-corrosive
- Tungsten carbide tip.
- Holding should be plated with gold or silver.
- Cleaning can be done by municipal tap water.

Item no. 45

PEDIATRIC SURGERY SET

Scalpel Handle No.3.-2
Scalpel Handle No. 7.-2
Halsted Delicate Forceps Straight 185mm -12
Halsted Delicate Forceps Curved 185mm -12
Micro Halsted Forceps curved 125mm-24
Micro Halsted Forceps Straight 125mm -24
Backhaus Towel Clamp 90mm -24
Allis Thomas Forceps 6x4 200mm -2
Judd-Allis Forceps 3x4 195mm -2
Instet Fix. Forceps Bebcock 200mm -2
Baby Mister Forceps Curved 140mm -2
Bebcock Tissue Forceps 220mm -2
Baby Mixter Forceps Heavy Curved 180mm -2
Dissect. Forceps w/Ot. Med. Wide 130mm -2
Thumb Forceps 180mm -2
Standard Tissue Forceps 1x2 145mm -2
Mc Indoe Tissue Forceps 1x 110mm -2
Delicate Tissue Forceps 1x2 125mm -2
Wagh Del Tissue Forceps 1x2 180mm -2
Standard Tissue Forceps 1x2 180mm -2
Debakey Straight Forceps 1mm Tip 95mm -2

Adsons Forceps Fen Hdlser 1x2 120mm -2
Micro Adson Tisuue Forceps 1x2 150mm -2
Lagentback Green Rectract 16x6mm 159mm -2
Lagentback Green Rectract 24x6mm 159mm -2
Tungston Debakey Needle Holder offset Rings 195mm -2
Tungston Ryder Needle Holder Delserr 135mm -2
Tungston Ryder Needle Holder Delserr 155mm -2
Mixter Suture Forceps Rt Ang 230 -2
Debakey Buldgx Act 25mm Jaw Str 80mm -2
Debakey Buldgx Act 23m Jaw Cvd 78mm -2
Micro Adson Forceps 1x2 Teeth 120mm -2
Deaver Retractor 178mm -2
Tc Needle Holder X- Del Serr 230mm -2
Tc Deabakey Ndl Holder Del Serr 180mm -2
Tc Ryder Needle Holder Del Serr 195mm -2
Baby Kocher Atr Intest Clamp Str 130mm -2
Bany Kocher Er Atr Intest Clamp Cvd 130mm -2
Devar Retrw/Griofig 125mm 311mm -2
Deaver Retractor 178mm -2
Devaer Retractor 305mm -2
Tc Deabakey Needle Holder 150mm -2
Tc Converse Needle Holder Serr 130 -2
Tc Crile Wood Ndl Hid Serr 185mm -2
Tc Mayo Hegar Seeley Needle Holder 203mm -2
Tc Ryder Needlex Del Serr 135mm -2
Tc Maye Hear Seeley Needle Holder 185mm -2
Scissor 200mm Cvd Carbride Blades -2
Scissor 200mm Cvd Carbride Blades -2
Scissor 200mm Cvd Carbride Blades -2
Balfour Baby Abdominal Retractor -2
Sponge Holding Dressing Forceps 200mm -2
Sponge Holding Dressing Forceps 160mm -2
B.P. Handle No.3 -2
Allis Tissue Grasping Forceps 150mm -2
Babcock Tissue Grasping Forceps -2
Debakey Needle Holder Very Delicate T/C Tip 125mm -2
Debakey Bulldog Clamp Straight 80 -2
Debakey Bulldog Clamp Curved 80mm -2
Micro Adson Bimer Dissecting Forceps 1x2 Teeth Fine120mm -2
Gusset Abdominal Retractor With Lateral Blade Deep 58mm -2
Castroviejo Needle Holder With Catch T/C Tip 160mm -2
Gillies Skin Hook 185mm -2
Delicate Scissors With Tungsten Carbide Jaw-Curved -2 120mm -2
Metzenbaum Scissors Curved T/C 180mm -2
Debakey Ultra Light Dissecting Forceps Non-Traumatic Jaw -2
Gillies Dissecting Forceps Toothed 200mm -2
Hypospadias Set with Accessories (Killer Loop Magnification 2.5x2.5 and 3.5x3.5) -1

- It should be imported.
- Life time warranty for instrument.

- Substance should be non-corrosive
- Tungsten carbide tip.
- Holding should be plated with gold or silver.
- Cleaning can be done by municipal tap water.

Item no. 46

Fluid and Blood Warmer

Heating technology- Warming Plates
Fluid Path Delivery-Indirect
Measurement and Control of Fluid temperature Indirect.
Ability to handle flow rate variations (Mass of Water technology).
A C Power requirement.
Mounted to standard 6 feet I. V. Pole.
Flow rate KVO-150ml/min. to 200ml/min.
Calibration required
Set uptime 2-4 mins.
Warm up time 2-3 mins.
Priming volume 44-90ml
Reusable equipment.

Item no. 47

BRONCHOSCOPE RIGID

Bronchoscope Tube
i) 3, 3.5, 4mm WL200-215mm.-1
ii) 5mm WL 245mm -1
iii) 5.5mm WL 265mm -1
iv) 6.0mm WL 265mm -1
v) 7.0mm WL 365mm -1
Forceps:-
WL.350
i) Alligator FB forceps. -1
ii) Universal forceps -1
iii) Fenestrated forceps for soft FB- Total Length should be 2010mm -1
iv) Peanut forceps -1
v) Magnetic extractor -1

WL.450.
i) FB forceps alligator -1
ii) Universal forceps -1
iii) Graspin forceps for soft FB -1
iv) Peanut forceps -1

ACCESSORIES

i. Adaptor with sliding glass window plug, sealing cap, notched lens and keyhole opening, movable. -2
ii. Plug for ventilation Attachment of Bronchoscopes. -2
iii. Adaptor from Bronchoscope to any type of pediatric respiration equipment -2
iv. Atomizer with bulb working length 50cm -2
v. Laryngeal Atomizer with bulb -2
vi. Suction Tube, Length 50cm, diameter 2, 2.5 & 3cm -2

Item no. 48

FLEXIBLE PEDIATRIC VIDEO ENDO COLONE SCOPE

Video Endoscope System Consisting of Video Colonoscope And Video Processor With Built-In Light Source & Monitor.

Video Colonoscopy.

It should have minimum 140º field of view.
It should have tip deflection Up: 180º Down:180º Right: 160º Left:160º
Distal end diameter should be 13.4mm.
Insertion tube diameter should be 12.8 mm approximately.
Instrument channel should be 4.2mm approximately.
Suction channel below control button.
Facility for forward water jet action from the control body is preferred.
Working length should be 1700mm
Total length should be 2010 mm.
Video Processor With Built In Light Source.
It should have instantaneous single plate colour system.
It should have digital technology.
It should be simple compact & light weight.
It should have 2x Y/C I composite video output signal.
Built-in Light Source (150w Halogen Lamps) is preferred.
It should have Facility to switch between 2 Halogen Lamp.
Automatic as well as manual brightness control facility
Facility for automatic drying of scope is preferred.
It should have stopwatch facility.
It should have automatic gain control.
Power required will be 230V. 50/60 Hz. frequency.
Processor should not weight more than 9Kg.

Item no. 49

FLEXIBLE FIBER OPTIC BRONCHOSCOPE WITH MONITOR

Video Bronchoscope Set Colour: Pal
Instrument Channel: 2.3mm
Derivation of View 0 Deg. Angle Of View 140deg
Deflection: Up 180 deg Down 100deg.
Depth of View: 305mm Working Length: 60cm
Accessories
Biopsy Forceps Oval Double Action Jaws. 107 mm, 120cm -1
Video Endoscope Connecting Cable -1

Pressure Compensation -1
Cap For Ventilation During Gas Sterilization -1
Leakage Tester With Blower And Manometer -1
Cleaning Brush Flexible For Use With 1.6-2.3 mm Instruments Channel -1
Working Length 100 mm -1
Bite Protector -1
Cleaning Adaptor For Working Channel -1
Transport Protecting Oil -1
Camera Control Unit For Endoscope -1
Camera Control Nit (CCU) Color System Pai/Ntsc -1
Power Supply:220-240V AC, -1
With Integrated Image Processing -1
Module Comets Control Unit (CCN) Main Cord -1
Connecting Cable LENGTH 1.8 CM -1
Connecting Cable Length 180cm -1
Connecting Cobble For Connecting -1
Cold Light Source For Endoscopes -1
Cold Light Source Xenon 100 Including Integrated -1
Insuflation Pump For Use With Video Endoscope -1
14" Sony Monitor -1

Specification Monitor

14" Sony Monitor
It Should Have Si TFT Active Matrix LCD
Resolution Should Be Approximately 640X 480 Dots
It should Have Composite Single, Y/C,Rgbm I/P
Power Consumption Should Not Be More Than 48 W
Trolly To Accommodate The Above
Standard Leakage Tester To Be Provided
Basic Common Necessities
Input Voltage 230 Volts 50 Hz As Per Indian Standard
2 Copies Of Service Manual And Technical Data With All Necessary Passwords Without Any Obligations
UPS Preferable Sine Wave Based With Maintenance Free Batteries With Duration (4 Min/Hrs)

Item no. 50

BRONCHOSCOPE RIGID

Cystoscope 7FR -1
Cystoscope 9FR -1
Resectoscope 10FR -1
Telescope 30 Degree 1.9 mm -1
Telescope 0 Degree 1.9 mm -1
Telescope 0 Degree 1.9/2.1 -1
Light Sources Halogen 150 -1
Fiber Optic Cable -1
Graspring Forcesp 3 FR 280 mm -1
Biopsy Forcesp 3FR 280mm -1
Biopsy Forceps 5 FR 4mm -1

Grasping Forcep 5 FR 400mm -1
Foregin Body With Grasping -1
Forceps FR 340 mm -1
Working Eliment -1
Extension -1
Cold Kinfe Set -1

Item no. 51

PEDIATRIC LAPAROSCOPY SET

Veress needle with spring loaded blunt stylet with luer lock detachable and autoclavlable, size 120mm -1

Trocar Cannula

Trocar cannula with automatic flap valve mnual/external control, detachable with stopcock for proper cleaning including the cannula
Should have antiglare black coasting and laser welded joints, 6mm -1.

Reducer

5/3mm metal laser welded joints, autoclavable -1

Reducer

10/6mm flip on with silicon attachment, autoclavble -1

Reducer

10/6mm flip on with silicon attachment, autoclavble -1

Dissectors

Dissecting gracper marlan small with fibre handle insulated and totally take-a-part3 piece. Design: rotatable & autoclavable.size 5,3mm -2
Dissecting grasper marland medium with fibre handle insulated and totally take-a-part 3 piece Design, rotatable & autoclavable.,3,5 mm -2
Dissecting grasper mixter 90º angle with fibre handle insulated and totally take-a-part 3 piece Design, rotatable & autoclavable, 5,3mm -2

Scissors

Scissors curved blades regular double action with fibre handle insulated
And totally take-a-part 3 piece
Design. Rotatable & autoclavable, 3,5 mm -2
Scissor straight blades single action with fibre handle insulated and totally take-a-part 3 piece Design, rotatable & autoclavable, 3,5mm - 2
Scissor straight blades double action with fibre handle insulated
And totally take-a-totally take-a-part 3 piece, 3,5
Design, rotatable & autoclavable.

ATRAUMATIC GRAPSER

Atraumatic grasper universal
With fibre handle ratchet insulated and totally take-a-part3 piece
Design, rotatable & autoclavable: 3,5mm -2
Atraumatic grasper fenestrated with fibre handle ratchet insulated and totally take-a-part 3 piece Design, rotatable & autoclavable: 3,5mm -2
Atrumatic grasper plain with fibre handle ratched insulated and totally take-a-part3 piece Design, rotatable & autoclavable: 3,5mm -2

Traumatic Grasper

Traumatic grasper 2/4 with fibre handle ratchet insulated and totally take-a-part3 piece Design, rotatable & autoclavable: 3,5mm -2.

Traumatic grasper 2/3 with fibre handle ratchet insulated and totally take-a-part 3 piece Design, rotatable & autoclavable.: 3,5mm -2

Clip Applicator

Clip Applicator 5mm to apply Lt200
Ligaclips should be take-apart and autoclavable: 5mm -1

Clip Applicator 10mm Universal-
Should be able to apply lt200, lt300, lt400 ligacclip, should be take-a-part, ratatable and autoclavable., 10mm -1

NEEDLE HOLDER

Needle holder tungsten carbide tip axital handle straight jaws,autoclavable, (coating for identification it is carbide tip): 3,5mm -2

NEEDLE HOLDER

Tungsten carbide tip axial handle curved jaws, autoclavable, (coating for identification it is carbide tip): 3,5mm -2

SUCTION IRRIGATION

Suction irrigation 2-way with open ended cannula and round tip cannula dismantable for cleaning.: 3,5mm -2

MONOPOLAR

Hook electrode, L shape autoclavable

Electrodes

Insulation till bend,standard monopolar connection: 3,5mm -2
Spatula electrode,L shape autoclavable insulation till bend, standard monopolar connection: 3.5mm -2
Aspiration needle sharp tip,innerdia equal to or more than 2mm,insualted, autocalavable : 3,5mm -2

BIPOLAR FORCEPS

Biolar forceps plate type-a-part, u spring,autoclavable,should have
Flushing port and autoclavable,3part design : 3,5mm -2
Bipolar plain grasping forceps with serration take-a-part,autoclavable : 3,5mm -2

Retractors

Fan retractor 3-prong take-a-part, autoclavable -2

PORT CLOSURE

PORT CLOSURE (ANEURYSM) -1
SURURE PASSER, 2.1mm -1

Sterlization And Storage Chambers

Chamber for storage of instruments -1
Stainless steel tray to sterile above instruments -1
Autoclavable box to autoclave above instruments -1

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
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 Manufacturer's Proforma Invoice for the price quoted in the Price Schedule?			
17	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?			
18.	Have you submitted copy of the order(s) against the above end user certificate (s)?			

Sl. No.	Activity	Yes/ No/ NA	Page No. in the Tender document	Remarks
19.	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 address

Sl. No.	Consignee Code	Consignee Name & Address
1	MGM	Medical Superintendent ESIC-PGIMSR MGM Hospital Dr. S.S. Rao Road Parel, Mumbai- 400 012 022-2413 2575 / 81

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