

GLOBAL TENDER ENQUIRY

FOR PURCHASE OF MEDICAL EQUIPMENT ON BEHALF OF

**GURU TEG BAHADUR HOSPITAL UNDER
DEPARTMENT OF HEALTH & FAMILY WELFARE
GOVT OF NCT OF DELHI**

HLL/PCD/GNCTD/25/GTBH/14-15



BY

HLL LIFECARE LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE)

Procurement & Consultancy Services Division

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SECTION I

NIT No: HLL/PCD/GNCTD/25/GTBH/14-15

Dated:05.12.2014

NOTICE INVITING TENDERS (NIT)

1. A) Procurement & Consultancy Services Division of HLL Lifecare Limited, for and on behalf of Guru TegBahadurHospital, under Department of Health & Family Welfare, Govt. of NCT of Delhi, invites online eTenders, from eligible and qualified tenderers for supply of following Medical Equipment:

Sl. No.	Tender ID	Description	Qty.	Tender Fees (Rs.)	EMD Amount (Rs.)
1	2014_HFWD_71989_1	Deep Freezer (-80 degree C)	1	500	13,000
2	2014_HFWD_71989_2	Fully Automated Chemiluminiscent Immuno Analyser system	1	500	50,000
3	2014_HFWD_71989_3	2D Echocardiography Machine	1	1,000	60,000
4	2014_HFWD_71989_4	Transport Incubator with Integrated Transport Ventilator	1	500	24,000
5	2014_HFWD_71989_5	ND YAG Laser	1	500	30,000
6	2014_HFWD_71989_6	Slit Lamp with Applanation Tonometer	6	2,000	1,62,000
7	2014_HFWD_71989_7	Operating Microscope (Imported)	1	1,000	60,000
8	2014_HFWD_71989_8	Vitrectomy machine	1	1,000	85,000
9	2014_HFWD_71989_9	Ultrasound Biomicroscope	1	500	40,000
10	2014_HFWD_71989_10	Endolaser with Laser indirect Ophthalmoscope	1	500	50,000
11	2014_HFWD_71989_11	Automated Field analyzer	1	500	30,000
12	2014_HFWD_71989_12	Radiofrequency Knife for Ophthalmology	1	500	18,000
13	2014_HFWD_71989_13	Eye bank Specular Microscope	1	500	27,000
14	2014_HFWD_71989_14	Ceiling mounted surgical light system based on LED Technology with CCD Camera	2	2,000	1,20,000
15	2014_HFWD_71989_15	Ceiling mounted surgical system based on LED Technology	8	3,000	2,56,000
16	2014_HFWD_71989_16	High Definition Laparoscopic surgery system	1	2,000	1,40,000
17	2014_HFWD_71989_17	Holmium YAG Laser Surgical system	1	1,000	1,00,000
18	2014_HFWD_71989_18	Ultrasound Machine for Surgery department	2	2,000	1,30,000
19	2014_HFWD_71989_19	Dual Intracorporeal Lithotripter	1	1,000	65,000
20	2014_HFWD_71989_20	Video Endoscopy system	1	2,000	1,10,000
21	2014_HFWD_71989_21	Glycated Haemoglobin(HbA1c) Testing system	1	1,000	96,000
22	2014_HFWD_71989_22	Paedo Barograph System	1	500	26,000

Sl. No.	Tender ID	Description	Qty.	Tender Fees (Rs.)	EMD Amount (Rs.)
23	2014_HFWD_71989_23	Media Preparation system	1	1,000	66,000
24	2014_HFWD_71989_24	Advance Research Microscope for Bright Field, Phase Contrast and Fluorescence with Digital CCD Camera Attachment	1	500	33,000
25	2014_HFWD_71989_25	Dark Field Microscope with Digital CCD Camera Attachment	1	500	14,000
26	2014_HFWD_71989_26	Fully Automated Haematology Workstation	1	2,000	1,70,000
27	2014_HFWD_71989_27	Apheresis Machine	1	500	45,000

B) Time Scheduled for NIT in all the Tender IDs

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	06.12.2014 to 07.01.2015 (10:00 AM to 06:00 PM IST)
ii.	Place of sale of Tender Enquiry Documents	HLL Lifecare Limited Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201 307
iii.	Pre Tender Meeting Date & Time	15.12.2014, 11:00 hrs IST
iv.	Pre Tender Meeting Venue	Same as 1 B (ii)
v.	Date & time of closing of online tender in GNCTD Portal	07.01.2015, 06:00 PM IST
vi.	Closing date & time for submission of physical Tender	08.01.2015, 01:30 PM IST
vii.	Date & time of opening of tender	08.01.2015, 02:00 PM IST
viii.	Venue of submission of Physical Tender/ Opening of Techno Commercial Tender	Same as 1 B (ii)

2. Interested tenderers may obtain further information about this requirement from this office inviting the tenders.
3. The prospective bidders who have not registered can register with E-procurement system of NIC by paying necessary registration charges. The bidders may prepare a banker cheque/Draft in favour of Delhi E-governance society and deposit it at E-procurement help desk room. The details of payment can be obtained from help desk.

In order to submit the bids electronically bidders are required to have type-II Digital Signature Certificate. Digital Signature can be obtained from any of the certifying agency.

The tender shall be submitted online for all the necessary documents and **in physical form (with respect to few documents as mentioned in the SIT)** in three parts/covers as mentioned below:

- (i) Tender Fee and EMD
 - (ii) Pre-qualification and Technical compliance as per following documents:
 - a) Manufacturer's authorization in case bid is submitted by an Indian agent (A declaration must be attached here in case directly quoted by a manufacturer or a document establishing the relation of the Indian office with the manufacturer in case quoted by Indian office of the manufacturer).
 - b) Tender Form as per section X.
 - c) Copy of PAN.
 - d) Certificate of Incorporation/Declaration being a proprietary firm.
 - e) Annual report of last 3 completed financial years (Balance sheet and Profit & Loss Account)
 - f) Name, address and details of account with respect to bidder and/or beneficiary of L/C.
 - g) Quality Control Requirements as per Section VIII
 - h) Performance statement along with required PO copies and its corresponding end user's satisfactory performance certificate as per section IX.
 - i) Affidavit as per Section XIX
 - j) Technical Bid along with clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications with all related brochures in the tender enquiry
 - (iii) Price Bid (Only online).
4. All prospective tenderers may attend the Pre Tender meeting. For all the above tender IDs, Prebid meeting shall be held at Conference Room of HLL Lifecare Limited, B-14A, Sector -62, Noida, Gautam Budh Nagar, U.P. - 201 307.
 5. To participate in the submission against the tender, it is mandatory for the Applicants to get digital signature and get themselves registered with e-tendering system of various hospitals under Govt. of NCT of Delhi.
 6. Tenderer may download the tender enquiry documents from the web site www.lifecarehll.com or www.govtprocurement.delhi.gov.in and submit its tender online after logging in to their user ID at www.govtprocurement.delhi.gov.in.
 7. Tenderers shall ensure that their tenders, complete in all respects, are submitted **online and desired hard copies in original** dropped in the Tender Box located at **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh** on or before the closing date and time indicated above, failing which the tenders will be treated as late and rejected.
 8. In the event of any of the above mentioned dates being declared as a holiday /closed day for the purchase organisation, the physical form of tenders will be received/opened on the next working day at the appointed time.

Head (P&CD)
HLL Lifecare Limited

SECTION - II**GENERAL INSTRUCTIONS TO TENDERERS (GIT)
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GENERAL INSTRUCTIONS TO TENDERERS (GIT)

A. PREAMBLE

1. Definitions and Abbreviations

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

1.2. Definitions:

- (i) "Purchaser" means Department of Health & Family welfare, Govt. of NCT of Delhi.
- (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/Institute/Medical College/ person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of despatch to another person as provided in the Contract then that "another" person is the consignee, also known as ultimate consignee.
- (x) "Specification" means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xi) "Inspection" means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
- (xii) "Day" means calendar day.

1.3 Abbreviations:

- (i) "TE Document" means Tender Enquiry Document
- (ii) "NIT" means Notice Inviting Tenders.
- (iii) "GIT" means General Instructions to Tenderers
- (iv) "SIT" means Special Instructions to Tenderers

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

2. Introduction

- 2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – VI – "List of Requirements", which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.
- 2.2 This section (Section II - "General Instruction 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. Availability of Funds

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

4. Language of Tender

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

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

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

7. Tendering Expense

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

B. TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

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

- Section II – General Instructions to Tenderers (GIT)
- Section III – Special Instructions to Tenderers (SIT)
- Section IV – General Conditions of Contract (GCC)
- Section V – Special Conditions of Contract (SCC)
- Section VI – List of Requirements
- Section VII – Technical Specifications
- Section VIII – Quality Control Requirements
- Section IX – Qualification Criteria
- Section X – Tender Form
- Section XI – Price Schedules

- Section XII – Questionnaire
- Section XIII – Bank Guarantee Form for EMD
- Section XIV – Manufacturer’s Authorisation Form
- Section XV – Bank Guarantee Form for Performance Security/CMC Security
- Section XVI – Contract Forms A & B
- Section XVII – Proforma of Consignee Receipt Certificate
- Section XVIII – Proforma of Final Acceptance Certificate by the consignee
- Section XIX – Affidavit
- Section XX – Check List for the Tenderers
- Section XXI – Consignee List

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

9. Amendments to TE documents

- 9.1 At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it.
- 9.2 Such an amendment will be notified in the referred websites only.
- 9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.

10. Clarification of TE documents

- 10.1 A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing on or before the pre-bid meeting.
- 10.2 Each prospective Tenderer can attend the Prebid meeting mentioned in para 4 in Section I with maximum 2 persons duly authorized by Tenderer.

C. PREPARATION OF TENDERS

11. Documents Comprising the Tender

- 11.1 The tender shall be submitted online and in physical form (except price bid) in three parts/covers as mentioned below:
 - (i) Tender Fee, EMD, Pre-qualification as per Tender Terms and referred in checklist at section XIX(Both online and physical) and as mentioned in para A) below.
 - (ii) Technical Bid (Both online and physical)
 - (iii) Price Bid (Only online).

Bidders are requested not to submit the hard copy of Financial Bid along with the physical form of tender. In case the hard copy of financial bid is submitted in physical form, the tender shall be straightway rejected. Also, uploading of the price bid in prequalification bid or technical bid will result in rejection of the tender.

A) Techno – Commercial Tender (Un priced Tender)

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

- iii) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.
- iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorisation Form. **While giving authorization to agent, to quote on their behalf, manufacturer has to give the reasons for not quoting directly against this tender.**
- v) Deleted.
- vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
- vii) Performance Statement as per section IX along with relevant copies of orders and end users' satisfaction certificate.
- viii) Deleted
- ix) Certificate of Incorporation.

B) Price Tender:

1. Prices are to be quoted in the attached Price Bid format online as per the direction on the official website.
2. The price should be quoted for the accounting unit indicated on the website.

The bidder shall not submit hard copy of financial bid otherwise his tender shall be straightway rejected. Also, uploading the price bid in prequalification bid or technical bid will result in rejection of the tender.

Note:

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 A person signing (manually or digitally) the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages
- 11.3 A tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.
- 11.4 Tender sent by fax/telex/cable/electronically shall be ignored.

12. Tender currencies

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

13 Tender Prices

- 13.1 The Tenderer shall indicate on the Price Schedule provided under Section XI all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required. If any column does not apply to a tenderer, same should be clarified as “NA” by the tenderer.
- 13.2 If there is more than one schedule in the List of Requirements, the tenderer has the option to submit its quotation for any one or more schedules and, also, to offer special discount for combined schedules. However, while quoting for a schedule, the tenderer shall quote for the complete requirement of goods and services as specified in that particular schedule.
- 13.3 The quoted prices for goods offered from within India and that for goods offered from abroad are to be indicated separately in the applicable Price Schedules attached under Section XI.
- 13.4 While filling up the columns of the Price Schedule, the following aspects should be noted for compliance:
- 13.4.1 For domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:
- a) the price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
 - b) any sales or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
 - c) charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;
 - d) the price of Incidental Services, as mentioned in List of Requirements and Price Schedule;
 - e) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule;
 - f) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule; and
 - g) the list and cost of spares required after completion of warranty and CMC period to be attached separately which will not be taken into consideration in the comparison of prices for determining the lowest bid.
- 13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:
- a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;
 - b) the amount of freight and insurance
 - c) the price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List;
 - d) deleted
 - e) the charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery. Other local costs and Incidental costs, as specified in the List of Requirements and Price Schedule;

- f) the charges for Incidental Services, as in the List of Requirements and Price Schedule;
- g) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule;
- h) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- i) the list and cost of spares required after completion of warranty and CMC period to be attached separately which will not be taken into consideration in the comparison of prices for determining the lowest bid.

13.5 Additional information and instruction on Duties and Taxes:

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

13.5.2 Excise Duty:

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

13.5.3 Sales Tax:

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

13.5.4 Octroi Duty and Local Duties & Taxes:

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

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

13.5.5 Customs Duty:

The Purchaser will pay the Customs duty wherever applicable.

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

14. Indian Agent

- 14.1 If a foreign tenderer has engaged an agent in India in connection with its tender, the foreign tenderer, in addition to indicating Indian agent's commission, if any, in a manner described under GIT sub clause 12.2 above, shall also furnish the following information:
- a) The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority.
 - b) The details of the services to be rendered by the agent for the subject requirement.
 - c) Details of Service outlets in India, nearest to the consignee(s), to render services during Warranty and CMC period.
 - d) A copy of agreement between the Agent & their principal detailing the terms & conditions as well as services and after sales services as above to be rendered by the agent and the precise relationship between them and their mutual interest in the business as laid out in section VII(Technical specifications).

15. Firm Price

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

16. Alternative Tenders

- 16.1 Alternative Tenders are not permitted.

- 16.2 However the Tenderers can quote alternate models meeting the tender specifications of same manufacturer with single EMD.
- 16.3 Only one tenderer is permitted to quote for the same manufacturer irrespective of models

17 Documents Establishing Tenderer's Eligibility and Qualifications

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

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

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

19. Earnest Money Deposit (EMD)

- 19.1 Pursuant to GIT clauses 8.1 and 11.1A(i) the tenderer shall furnish along with its tender, earnest money for amount as shown in the List of Requirements. The earnest money is required to protect the purchaser against the risk of the tenderer's unwarranted conduct as amplified under sub-clause 19.7 below.
- 19.2 The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period with Directorate General of Supplies & Disposals or with National Small Industries Corporation, New Delhi for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. In case the tenderer falls in these categories, it should furnish copy of its valid registration details (with DGS&D or NSIC, as the case may be).

- 19.3 The earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. The earnest money shall be furnished in one of the following forms:
- i) Account Payee Demand Draft
 - ii) Banker's cheque and
 - iii) Bank Guarantee
- 19.4 The demand draft or banker's cheque shall be drawn on any commercial bank in India or country of the tenderer, in favour of the "HLL Lifecare Limited" payable at New Delhi. In case of bank guarantee, the same is to be provided from any commercial bank in India or country of the tenderer as per the format specified under Section XIII in these documents.
- 19.5 The earnest money, if paid in Bank Guarantee, shall be valid for a period of forty-five (45) days beyond the validity period of the tender. As validity period of Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days from Techno – Commercial Tender opening date.
- 19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.
- 19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.
- 19.8 In the case of Bank Guarantee furnished from banks outside India (i.e. foreign Banks), it should be authenticated and countersigned by any nationalised bank in India by way of back-to-back counter guarantee and the same should be submitted along with the bid.

20. Tender Validity

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

21. Signing and Sealing of Tender

- 21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11.
- 21.2 Deleted
- 21.3 The original 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.

- 21.4 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 Deleted.

D. SUBMISSION OF TENDERS

22. Submission of Tenders

22.1 The tender shall be submitted online and in physical form (except price bid) in three parts/covers as mentioned below:

- (i) Tender Fee and EMD (**Both online and physical**)
- (ii) Pre-qualification and Technical compliance as per following documents (**Online submissions for all the documents and physical submission only for affidavit as per point i) below and original Technical brochures/catalogues against point j):**
 - a) Manufacturer's authorization in case bid is submitted by an Indian agent (A declaration must be attached here in case directly quoted by a manufacturer or a document establishing the relation of the Indian office with the manufacturer in case quoted by Indian office of the manufacturer).
 - b) Tender Form as per section X.
 - c) Copy of PAN.
 - d) Certificate of Incorporation/Declaration being a proprietary firm.
 - e) Annual report of last 3 years (Balance sheet and Profit & Loss Account)
 - f) Name, address and details of account with respect to bidder and/or beneficiary of L/C.
 - g) Quality Control Requirements as per Section VIII
 - h) Performance statement along with required PO copies and its corresponding end user's satisfactory performance certificate as per section IX.
 - i) Affidavit as per Section XIX
 - j) Technical Bid along with clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications in the tender enquiry (Both online and physical)
- (iii) Price Bid (Only online).

Bidders are requested not to submit the hard copy of Financial Bid along with the physical form of tender. Uploading of the price bid in prequalification bid or technical bid will result in rejection of the tender.

Unless otherwise specified, the tenderers are to submit its tender online and deposit the physical form of tenders in the tender box kept for this purpose at **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201 307, Uttar Pradesh.**

- 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 physical submission of tender falls on /is subsequently declared a holiday or closed day for the purchaser, the tenders will be received up to the appointed time on the next working day.

23. Late Tender

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

24. Alteration and Withdrawal of Tender

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

E. TENDER OPENING

25. Opening of Tenders

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

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

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

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

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

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principle

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

27. Scrutiny of Tenders

27.1 The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed stamped and whether the Tenders are generally in order.

27.2 The Purchaser's determination of a Tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence

27.3 Deleted

27.4 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders, which do not meet the basic requirements, are liable to be treated as non-responsive and will be rejected.

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

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

28. Minor Infirmary/Irregularity/Non-Conformity

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

29 Discrepancies in Prices

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

30. Discrepancy between original and copies of Tender

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

31. Qualification Criteria

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

32. Conversion of tender currencies to Indian Rupees

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

33. Schedule-wise Evaluation

Deleted.

34. Comparison of Tenders

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

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

- 35.1 Further to GIT Clause 34 above, the purchaser's evaluation of a tender will include and take into account the following:
- i) In the case of goods manufactured in India or goods of foreign origin already located in India, sales tax & other similar taxes and excise duty & other similar duties, Service Tax, Works

Contract Tax etc. which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and

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

- 35.2 The purchaser's evaluation of tender will also take into account the additional factors, if any, incorporated in SIT in the manner and to the extent indicated therein.
- 35.3 The Purchaser reserves the right to give the price preference to small-scale sectors etc. and purchase preference to central public sector undertakings as per the instruction in vogue while evaluating, comparing and ranking the responsive tenders.

36. Tenderer's capability to perform the contract

- 36.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is more than one schedule in the List of Requirements, then, such determination will be made separately for each schedule.
- 36.2 The above-mentioned determination will, inter alia, take into account the tenderer's financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the tenderer in its tender as well as such other allied information as deemed appropriate by the purchaser.

37. Contacting the Purchaser

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

G. AWARD OF CONTRACT

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

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

39. Award Criteria

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

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

- 40.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to twenty five (25) per cent, the quantity of goods and services mentioned in the schedule (s) in

the “List of Requirements” (rounded off to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.

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

41. Notification of Award

- 41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by fax/ telex/cable (to be confirmed by registered / speed post) that its tender for goods & services, which have been selected by the purchaser, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within thirty days from the date of dispatch of this notification, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.
- 41.2 The Notification of Award shall constitute the conclusion of the Contract.

42. Issue of Contract

- 42.1 Promptly after notification of award, the Purchaser/Consignee will mail the contract form (as per Section XVI) duly completed and signed, in duplicate, to the successful tenderer by registered / speed post.
- 42.2 Within twenty one days from the date of the contract, the successful tenderer shall return the original copy of the contract, duly signed and dated, to the Purchaser/Consignee by registered / speed post.
- 42.3 The Purchaser/Consignee reserves the right to issue the Notification of Award consignee wise.

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

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

44. Return of E M D

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

45. Publication of Tender Result

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

46. Corrupt or Fraudulent Practices

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

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
 - (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;
- (b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

SECTION - III
SPECIAL INSTRUCTIONS TO TENDERERS
(SIT)

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

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.

Preparation of Tenders

Tender currencies

The following items **must be quoted in Indian Rupees only**. There will not be any CDEC issued against these items.

Tender ID	Equipment Name
2014_HFWD_71989_1	Deep Freezer (-80 degree C)
2014_HFWD_71989_4	Transport Incubator with Integrated Transport Ventilator
2014_HFWD_71989_5	ND YAG Laser
2014_HFWD_71989_11	Automated Field analyzer
2014_HFWD_71989_12	Radiofrequency Knife for Ophthalmology
2014_HFWD_71989_13	Eye bank Specular Microscope
2014_HFWD_71989_22	Paedo Barograph System
2014_HFWD_71989_25	Dark Field Microscope with Digital CCD Camera Attachment

Submission of Tenders

- (i) All the necessary documents as prescribed in the NIT shall be prepared and scanned in different files (in PDF or JPEG format as prescribed) and uploaded for on-line submission of Proposal. However, physical documents as per NIT to be submitted in '**ORIGINAL**' to HLL Lifecare Ltd before the prescribed date & time for submission of physical tender restricted to the following documents only.

- a) Demand Draft towards Tender Fee in favour of HLL Lifecare Ltd
 - b) EMD in the prescribed format in favour of HLL Lifecare Ltd
 - c) Technical Data Sheet and original technical literature/ Brochure (if any)
 - d) Affidavit as per Section XIX
- (ii) All document(s)/ information(s) other than above including the Financial Proposal (i.e. **FORMAT FOR SUBMISSION OF FINANCIAL PROPOSAL**) should be uploaded **online only** in the prescribed format given in the website. No other mode of submission shall be acceptable.
- (iii) The prospective bidders may **scan the documents in low resolution (75 to 100 DPI)** instead of 200 DPI. The documents may be scanned for further lower resolution (if possible). This would reduce the size of the Cover and would be uploaded faster.
- (iv) The prospective bidders may upload Drawing files, if any, in **“.dwf”** format so that the size of document is less. This is a generic format and all software supports this format.
- (v) At the time of cover content creation, the prospective bidders would have to define the document type as **“.rar”** format.
- (vi) The prospective bidders should be asked to zip all the .dwf files to a .rar file and upload it.

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

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GENERAL CONDITIONS OF CONTRACT (GCC)

1. Application

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

All documents submitted physically or uploaded as scanned copies must be self-attested, legible and numbered.

2. Use of contract documents and information

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

3. Patent Rights

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

4. Country of Origin

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

5. Performance Security

- 5.1 Within fifteen (15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, initially valid for a period of minimum thirty /sixty six (30/66 as per applicable Warranty period of 2/5 years) months from the date of Notification of Award

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

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

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

6. Technical Specifications and Standards

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

7. Packing and Marking

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

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

- a. contract number and date
- b. brief description of goods including quantity

- c. packing list reference number
- d. country of origin of goods
- e. consignee's name and full address and
- f. supplier's name and address

8. Inspection, Testing and Quality Control

- 8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the purchaser and/or its nominated representative(s).
- 8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.
- 8.3 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser's inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser's inspector for conducting the inspections and tests again.
- 8.4 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier's premises, the supplier shall put up the goods for such inspection to the purchaser's inspector well ahead of the contractual delivery period, so that the purchaser's inspector is able to complete the inspection within the contractual delivery period.
- 8.5 If the supplier tenders the goods to the purchaser's inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.
- 8.6 The purchaser's/consignee's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser's inspector during pre-despatch inspection mentioned above.
- 8.7 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC Clause 15.
- 8.8 Principal/ Foreign supplier shall also have the equipment inspected by recognised/ reputed agency like SGS, Lloyd, Bureau Veritas, TUV prior to despatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

9. Terms of Delivery

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

10. Transportation of Goods

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

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

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

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

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

11. Insurance:

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

- i) in case of supply of domestic goods on Consignee site basis, the supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured for an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee.
- ii) in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 3 months beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis.

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

12. Spare parts

- 12.1 If specified in the List of Requirements and in the resultant contract, the supplier shall supply/provide any or all of the following materials, information etc. pertaining to spare parts manufactured and/or supplied by the supplier:
- a) The spare parts as selected by the Purchaser/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and
 - b) In case the production of the spare parts is discontinued:
 - i) Sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
 - ii) Immediately following such discontinuation, providing the Purchaser/Consignee, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser/Consignee.
- 12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the goods so that the same are used during warranty and CMC period.

13. Incidental services

- 13.1 Subject to the stipulation, if any, in the SCC (Section – V), List of Requirements (Section – VI) and the Technical Specification (Section – VII), the supplier shall be required to perform the following services.
- i) Installation & commissioning, Supervision and Demonstration of the goods
 - ii) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
 - iii) Training of Consignee's Doctors, Staff, operators etc. for operating and maintaining the goods
 - iv) Supplying required number of operation & maintenance manual for the goods

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

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

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

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

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

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

- (v) Certificate of origin;
- (vi) Insurance Certificate as per GCC Clause 11.
- (vii) Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

B) For goods imported from abroad

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

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

15. Warranty

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

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

- a. No conditional warranty will be acceptable.
- b. Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories and Turnkey work and it will also cover the following wherever applicable:-
 - Any kind of motor.
 - Plastic & Glass Parts against any manufacturing defects.
 - All kind of sensors.
 - All kind of coils, probes and transducers.
 - Printers and imagers including laser and thermal printers with all parts.
 - UPS including the replacement of batteries.

- Air-conditioners
 - c. Replacement and repair will be under taken for the defective goods.
 - d. Proper marking has to be made for all spares for identification like printing of installation and repair dates.
- 15.3 In case of any claim arising out of this warranty, the Purchaser/Consignee shall promptly notify the same in writing to the supplier. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.
- 15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause for non-rectification will be applicable as per tender conditions
- 15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended to a further period of twenty four (24) months from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
- 15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in **3 months** commencing from the date of the installation for preventive maintenance of the goods
- 15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.
- 15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipments supplied by them to the purchaser for 10 years from the date of installation and handing over.
- 15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipments/machines/goods etc. and shall always give the most competitive price for its machines/equipments supplied to the Purchaser/Consignee.
- 16. Assignment**
- The Supplier shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the Purchaser's prior written permission.
- 17. Sub Contracts**
- 17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.
- 17.2 Sub contract shall be only for bought out items and sub-assemblies.
- 17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").
- 18. Modification of contract**
- 18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:

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

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

19. Prices

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

20. Taxes and Duties

- 20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser. However, for goods directly imported shall be guided by the INCOTERM.
- 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:

80% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:

- (i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
- (iii) Two copies of packing list identifying contents of each package;
- (iv) Inspection certificate issued by the nominated Inspection agency, if any.
- (v) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
- (vi) Certificate of origin.

b) On Acceptance:

Balance 20% 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. Final acceptance certificate will be released by the consignee on completion of installation, commissioning, training, successful running of equipment (at least 2-3 weeks) and handing over the equipment to the consignee.

B) Payment for Imported Goods:

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

a) On Shipment:

Eighty (80)% of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:

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

b) On Acceptance:

Balance payment of 20% 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. Final acceptance certificate will be released by the consignee on completion of installation, commissioning, training, successful running of equipment (at least 2-3 weeks) and handing over the equipment to the consignee.

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

d) Payment of Indian Agency Commission:

Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of

exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.

C) Payment of Turnkey, if any:

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

D) Payment for Annual Comprehensive Maintenance Contract Charges:

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

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

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

22. Delivery

- 22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser/Consignee in the List of Requirements and as incorporated in the contract. The time for and the date of delivery of the goods stipulated in the schedule shall be deemed to be of the essence of the contract and the delivery must be completed not later than the date (s) as specified in the contract.
- 22.2 Subject to the provision under GCC clause 26, any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:
- (i) imposition of liquidated damages,
 - (ii) forfeiture of its performance security and
 - (iii) termination of the contract for default.
- 22.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the Purchaser/Consignee in writing about the same and its likely duration and make a request to the Purchaser/Consignee for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser/Consignee shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.
- 22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, interalia contain the following conditions:
- (a) The Purchaser/Consignee shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, liquidated damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.
 - (b) That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty, excise duty, sales tax/ VAT, Service Tax and Works Contract Tax or on account of any other tax or duty which may be levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.
 - (c) But nevertheless, the Purchaser/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty, excise duty, sales tax/ VAT, Service Tax and Works Contract Tax or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.
- 22.5 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the Purchaser/Consignee for extension of delivery period and obtain the same before despatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and / or any other expense related to such supply shall lie against the purchaser.

22.6 Passing of Property:

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

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

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

23. Liquidated damages

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

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

24. Termination for default

24.1 The Purchaser/Consignee, without prejudice to any other contractual rights and remedies available to it (the Purchaser/Consignee), may, by written notice of default sent to the supplier, terminate the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Purchaser/Consignee pursuant to GCC sub-clauses 22.3 and 22.4.

24.2 In the event of the Purchaser/Consignee terminates the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Purchaser/Consignee may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the Purchaser/Consignee for the extra expenditure, if any, incurred by the Purchaser/Consignee for arranging such procurement.

24.3 Unless otherwise instructed by the Purchaser/Consignee, the supplier shall continue to perform the contract to the extent not terminated.

25. Termination for insolvency

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

26. Force Majeure

26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.

26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of , the party claiming to be affected by such event and which has caused the non –

performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, and freight embargoes.

- 26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 26.5 In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

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

28. Governing language

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

29. Notices

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

30. Resolution of disputes

- 30.1 If dispute or difference of any kind shall arise between the Purchaser/Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- 30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India. In the case of a dispute or difference arising between the Purchaser/Consignee and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitrator appointed by the Secretary, Department of Health & Family Welfare, Govt. of NCT of Delhi. 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 lakh (Rs. 1,00,000/-)
- 30.3 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., New Delhi, India.
- 30.4 Jurisdiction of the court will be from the place where the tender enquiry document has been issued, i.e., New Delhi, India

31. Applicable Law

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

32 Withholding and Lien in respect of sums claimed

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

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

33. General/ Miscellaneous Clauses

- 33.1 Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.
- 33.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
- 33.3 The Supplier shall notify the Purchaser/Consignee /the Government of India of any material change would impact on performance of its obligations under this Contract.
- 33.4 Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Purchaser/Consignee/Government for performance of contract/services including that of its Associates/Sub Contractors under the Contract.

- 33.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Government of India against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.
- 33.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee/Government of India against any claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the supplier/its associate/affiliate etc.
- 33.7 All claims regarding indemnity shall survive the termination or expiry of the contract.

SECTION – V

SPECIAL CONDITIONS OF CONTRACT (SCC)

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

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

The Warranty and CMC period will be strictly as mentioned in the list of requirement (Section VI, part I) only irrespective of any other period mentioned elsewhere in the tender enquiry. Also, CMC only to be quoted after warranty period instead of AMC mentioned (if any) in the tender specification.

SECTION - VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Tender ID	Description	Department	Qty.	Warranty Period	CMC Period
1	2014_HFWD_71989_1	Deep Freezer (-80 degree C)	Diabetes Centre	1	5 years	5 years
2	2014_HFWD_71989_2	Fully Automated Chemiluminiscent Immuno Analyser system	Diabetes Centre	1	5 years	5 years
3	2014_HFWD_71989_3	2D Echocardiography Machine	Paediatrics	1	5 years	5 years
4	2014_HFWD_71989_4	Transport Incubator with Integrated Transport Ventilator	Paediatrics	1	5 years	5 years
5	2014_HFWD_71989_5	ND YAG Laser	Ophthalmology	1	5 years	5 years
6	2014_HFWD_71989_6	Slit Lamp with Applanation Tonometer	Ophthalmology	6	5 years	5 years
7	2014_HFWD_71989_7	Operating Microscope (Imported)	Ophthalmology	1	5 years	5 years
8	2014_HFWD_71989_8	Vitrectomy machine	Ophthalmology	1	5 years	5 years
9	2014_HFWD_71989_9	Ultrasound Biomicroscope	Ophthalmology	1	5 years	5 years
10	2014_HFWD_71989_10	Endolaser with Laser indirect Ophthalmoscope	Ophthalmology	1	5 years	5 years
11	2014_HFWD_71989_11	Automated Field analyzer	Ophthalmology	1	5 years	5 years
12	2014_HFWD_71989_12	Radiofrequency Knife for Ophthalmology	Ophthalmology	1	5 years	5 years
13	2014_HFWD_71989_13	Eye bank Specular Microscope	Ophthalmology	1	5 years	5 years
14	2014_HFWD_71989_14	Ceiling mounted surgical light system based on LED Technology with CCD Camera	Surgery	2	5 years	5 years
15	2014_HFWD_71989_15	Ceiling mounted surgical system based on LED Technology	Surgery(2), Ophthalmology (2), Neurosurgery (2), orthopaedics (2)	8	5 years	5 years
16	2014_HFWD_71989_16	High Definition Laparoscopic surgery system	Surgery	1	5 years	5 years
17	2014_HFWD_71989_17	Holmium YAG Laser Surgical system	Surgery	1	5 years	5 years
18	2014_HFWD_71989_18	Ultrasound Machine for Surgery department	Surgery	2	5 years	5 years
19	2014_HFWD_71989_19	Dual Intracorporeal Lithotripter	Surgery	1	5 years	5 years
20	2014_HFWD_71989_20	Video Endoscopy system	Surgery	1	5 years	5 years
21	2014_HFWD_71989_21	Glycated Haemoglobin(HbA1c) Testing system	Diabetes Centre	1	5 years	5 years
22	2014_HFWD_71989_22	Paedo Barograph System	Diabetes Centre	1	5 years	5 years
23	2014_HFWD_71989_23	Media Preparation system	Microbiology	1	5 years	5 years
24	2014_HFWD_71989_24	Advance Research Microscope for Bright Field, Phase Contrast and Fluorescence with Digital CCD Camera Attachment	Microbiology	1	5 years	5 years

Sl. No.	Tender ID	Description	Department	Qty.	Warranty Period	CMC Period
25	2014_HFWD_71989_25	Dark Field Microscope with Digital CCD Camera Attachment	Microbiology	1	5 years	5 years
26	2014_HFWD_71989_26	Fully Automated Haematology Workstation	Blood Bank	1	5 years	5 years
27	2014_HFWD_71989_27	Apheresis Machine	Blood Bank	1	5 years	5 years

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

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

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

b) For Imported goods directly from foreign:

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

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

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

Part III: Scope of Incidental Services:

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

Part IV:

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

Part V:

Warranty period as per details in general technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance and shall remain in force for a period as specified in part I above or 6 months beyond the aforesaid period from the last date of shipment/dispatch, whichever is earlier.

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

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

At Consignee Store.

b) For Imported goods directly from abroad:

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

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

Destination/Consignee details are given in Section XXI

Section – VII
Technical Specification

Item sl. no. 1

Specifications for Deep Freezer (-80 °C)

Ultra low temperature deep freezer for storage of plasma, serum or blood samples

1. Upright Deep Freezer.
2. Programmable Microprocessor controlled cooling system
3. Programmable /adjustable temperature range.
4. It should provide temperature upto - 80 °C with stability of +/- 1 °C
5. Volume 450 liters or more.
6. Interior of the unit should be of stainless steel
7. Unit should be capable of providing desired temperature of up to -80 °C even at high ambient temperature of 30 °C or more. *(30°C or more)*
8. LED digital temperature display *3/11/14*
9. Efficient thermal insulation - all panels of the freezer should have latest generation vacuum insulation.
10. Very low thermal conductivity
11. Audible and visual alarm system to indicate: over/under temperature, power failure and open door. There should also be provision for programmable maximum and minimum temperature alarm value.
12. Control panel with thermometer, thermostat & mains warning lamp
13. C.F.C. free-refrigerant
14. Noise level < 55 db
15. Provision for door lock & castors.
16. Unit should have provision for adjustable shelf height with minimum height of 6 inch.
17. Unit should have provision for continuous temperature monitoring.

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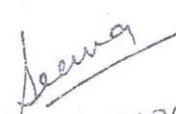
SV
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18. Battery backup for monitoring function in case of power failure at least upto 30 minutes.
19. CO₂ back up facility and should be ISO/CE certified.
20. Quote rates for necessary accessories and consumables like graph paper, marker with ink etc. These rates should be quoted for 100 papers/pack, 10 markers/pack etc.
21. Suitable racks for sample storage, 50 storage boxes (9 x 9 sample aliquots) and 3 pairs of frost free gloves should also be provided.
22. Unit should be able to operate at Power supply: 220-240 V, 50-60 Hz.
23. Compatible CVT should be provided.


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Item sl. no. 2

Specifications for Fully Automated Chemiluminiscent Immuno Analyzer System

1. System should be latest fully automated, benchtop analyzer capable of performing the following assays: such as TSH, FT4, FT3, Testosterone, 17 OH Progesterone, Prolactin, FSH, LH, Insulin, C-Peptide, Cortisol, ACTH, DHEAS, Anti TPO, 25 OH Vitamin D, PTH, Estradiol, Progesterone, Growth Hormone, Cardiac Markers-like Troponine T, pro.BNP, Infection Markers-procalcitonin, and anti TSHR.
2. System should be capable of processing serum, plasma and urine samples.
3. System should be Discrete, fully selective random access with a provision to test STAT samples
4. System should be using the latest "Electro Chemiluminescence" principle for measuring the assays with very high sensitivity and linearity. /Chemiluminescence"
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12/3/11/14
5. System should have facility for on-board programs for more than 50 different test parameters and the reagents should be easily available.
6. Onboard sample capacity should be more than 30 at one time with a provision for continuous loading.
7. System should have a throughput of 80 tests / hr or more.
8. Incubation times for the assays should be upto 15 minutes.
9. System should have reagent slots for 20 assays or more
10. System should have on-board cooling facility to maintain the temperature of the reagents in the temperature range of 2⁰ - 8⁰ C.
11. System should have flexibility to use different sample containers like primary tubes with different sizes, sample cups for low volume sample processing.
12. Sample volumes should be low not exceeding 50 ul per test.
13. Should provide a facility for onboard sample dilution in the range of 1:1 to 1: 10 or more.
14. System must use disposable cups and tips for all immuno assays to prevent any carryover contamination to have reliable patient results.
15. System should use latest contact free mixing probe technology to mix the samples and reagents. Also, should have clot detection facility.
16. ~~System should have technology to take care of HAMA interferences.~~ 12/3/11/14
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17. On-board reagent stability should be more than one month and calibration of the parameter should be lot based. No daily calibration should be required by the system.
18. System should have on-board windows based data control work station with LCD color touch screen monitor for programming the tests and entering the patient data.
19. System should have provision to store test results data minimum upto 10000 tests.
20. External laser printer to be provided for printout of patient results and QC reports
21. Should have on board bar code scanner
22. System should have RS 232 bidirectional interface and in-built modem.
23. Power supply – 220-240 V, 50-60 Hz
24. Appropriate UPS with 30 minutes power back up.
25. Also quote for reagents, kits, calibrators, quality controls and other consumables. This should include rates per kit for a minimum of 8000 tests for FT3 and FT4, 10,000 tests for TSH, 2500 tests for anti TPO, 1000 tests for FSH, LH Prolactin and 25 OH Vitamin D, GH, PTH, ACTH, 17-OHP and DHEAS *per year.*

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3/11/14

The price bid for consumables shall remain frozen for a period of 5 years. No upward revision shall be permitted. However, any downward revision by the principals shall have to be communicated to user department.

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Following document may be submitted in a sealed cover alongwith other relevant documents.

Which will be opened at the time of financial bid opening.

S.NO.	Name of the Tests	Estimated no. of tests per year	Cost per test including taxes (In Indian Rupees)	Cost for estimated no. of tests including taxes (In Indian Rupees)
1.	FT3	8000		
2.	FT4	8000		
3.	TSH	10000		
4.	ANTI TPO	2500		
5.	FSH	1000		
6.	LH	1000		
7.	PROLACTIN	1000		
8.	25 OH VITAMIN D	1000		
9.	GH	1000		
10.	PTH	1000		
11.	ACTH	1000		
12.	17 OHP	1000		
13.	DHEAS	1000		
Total (in figures)				
Total (in words)				

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Item sl. no. 3

SPECIFICATIONS FOR 2D ECHOCARDIOGRAPHY MACHINE

(3)

1. Latest generation, fully digital Echocardiography system with digital beam former.
2. System should have software to perform advanced cardiac Pediatric, Neonatal, Abdominal, vascular, Musculoskeletal, small parts, transcranial imaging.
3. System should have multichannel frequency compounding facility to filter low and high frequencies returned from the transducer and then process these signals independently and in parallel to create and image.
4. System should have 2D, M-mode, Colour Flow, PW, CW, Steerable CW, Colour Power Doppler, Directional Colour Power Doppler facility.
5. Should also have advanced 2D quantification package, IMT quantification, etc.
6. Triplex Imaging, Zoom facility in live and frozen images.
7. The system should support broadband Phased and Linear array transducer technologies. Frequency processing facility for the transducer should be 1-15MHz. This should be available without the need for frequency switching or equivalent.
8. System should be upgradable for future application or newer developments on the site, also to a higher generation system.
9. System should have 256 gray scales.
10. System should have minimum 8000 digital processing channels or more.
11. 19" Resolution, flicker free, non-interlaced flat panel monitor with tilt and swivel.
12. Should have an alphanumeric keyboard with illuminated keys and status display or equivalent.
13. The system should have dynamic range over 200-dB & scanning depth upto 30 cm.
14. System should have an acquisition frame rate in 2D of at least 700 frames/second and colour frame rate of 300 Hz. Acquisition frame rate should be clearly mentioned in the technical quote.
15. System should have capability to deliver a full field of view automatically.
16. The system should perform automated measurement in the following modes
 - M mode
 - 2D Echo
 - Spectral Doppler
17. The system should have a minimum of three or four Imaging Transducer Ports.
18. System should be USFDA/Euro CE approved.
19. Independently selectable Gain Control in both Axial & Lateral Plane or equivalent.
20. Facility for independent steering of B mode and Colour beam on linear probe or equivalent.
21. Cineloop review facility : Should be able to acquire and display of 2D and colour images for retrospective review and image selection PW/CW Doppler facility in all imaging Phased Array Sector Transducer.
22. PW/CW Doppler facility in all imaging Phased Array Sector Transducer.
23. Tissue Harmonic Imaging in Phased array & Linear Probe.
24. Anatomical M-mode for easier scanning in abnormally shaped & positioned hearts.
25. Should have Tissue Doppler Imaging with colour TDI to display direction and timing of myocardial function.
26. Trapezoidal Imaging on Linear array Transducers.

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27. Should also have advanced 2D quantification package, IMT quantification etc.
28. Integrated 2D Quantification on Cart.
29. Display of 2D ultrasound images; Semi-automated border detection for cardiac chambers and vessel cavities.
30. Advanced parameters for LV systolic and diastolic function including. Fractional Area Change (FAC), Peak Ejection Change and Peak Rapid Filling Rate may also be displayed. Color Kinesis (CK) tool for provides color-coded visualization of global and regional wall motion.
31. Integrated Stress Echo System with 8 stage and 8 views, pause protocol facility, stop/resume facility, gain sae facility, ability to reselect loops, wall motion scoring facility.
32. On-board Image Management Storage- should have>2,00,000 image storage facility in the hard disk drive.
33. System should have inbuilt Image Management with facility for direct storage of Image and cineloop in the Hard Disk Drive and also thumbnail review to view, edit, measure images, loops and also reports.
34. Archive – should have facility to transfer images to CDRW and/or MO disk.
35. System should have direct connectivity to Laser/inkjet printer for printing images and report.


System should be quoted with the following transducers :


1. Broadband Phased Array Transducer with Tissue Harmonic Imaging for adult cardiac imaging (2-4MHz).
2. Broadband Phased Array Transducer for Paediatric cardiac imaging (3-8MHz).
3. Broadband Phased Array Transducer for Neonatal cardiac imaging (3-12 MHz).
4. Broadband Phased Array sector TEE Transducer for adult Cardiac imaging (2-7 MHz).


Following peripherals has to be supplied along with system :

- A. Online UPS with at least 60 min backup of a reputed brand.
- B. B/W thermal Printer
- C. Inkjet Color Printer
- D. Workstation for uninterrupted working of Echo Machine.


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 (Dr. Dinesh Kumar)
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 PGIMER & Dr RML Hospital, New Delhi

P-2/2

Item sl. no. 4

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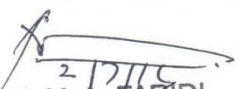
Transport Incubator with Integrated Transport Ventilator

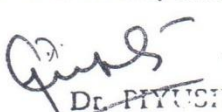
1. Intensive Care Incubator for warming care of newborn infants with adjustable height, cabinet, draws, I.V. rod, x-ray taking facility and sterilizable water container.
2. Provision of integrated pulse oximetry.
3. Integrated electronic weighing scale with minimum 10gm weighing.
4. Double wall canopy made from transparent medical grade material with side and back opening doors with 4 hand ports and 2 iris ports.
5. Mattress in washable sanitary fabric.
6. Trendelenburg and Anti Trendelenburg positions.
7. Microprocessor control with independent display for Skin 35-38 / ambient 28-38 adjustment for temperature.
8. Digital Display for skin and ambient temperature value and spo2 value
9. Minimum noise function (<50db).
10. The quoted model should be latest and must conform to the certifications namely US-FDA and/or European CE approved. Please attach certificates accordingly.
11. Parts which are not covered under comprehensive warranty should be mentioned and cost and life span.

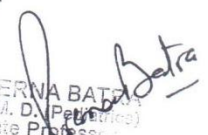
Integrated Transport Ventilator

1. Sophisticated ventilation for patients in emergency situations and during transport between hospitals.
2. volume and pressure based modes, for controlled, synchronized or spontaneous ventilation.(IPPV/IPPV assist, SIMV, SIMV/ASB, BIPAP, BIPAP/ASB, CPAP, CPAP/ASB)
3. Provide non invasive ventilation also
4. Suitable for all age groups from neonate to adults
5. High contrast LED display with clear flows and pressure curve
6. Suitable for use in helicopters, is spray-proof and functions well in extreme temperatures
7. Light, compact and easy to carry
8. Driven by a high-pressure gas supply; no internal blower is necessary
9. Inbuilt lithium ion battery having standby of minimum 3 hrs, with battery life indicator
10. Should be able to provide 100% O2 flush or 100% O2 inhalation
11. Parameters should be adjusted by a rotary knob with select-adjust-confirm steps
12. Should weigh less than 6 kgs
13. Should work on power supply of 220volts.
14. The quoted model should be latest and must conform to the certifications namely US-FDA and/or European CE approved. Please attach certificates accordingly.
15. Parts which are not covered under comprehensive warranty should be mentioned and cost and life span.

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DR. PERNNA BHATIA
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ALARMS FOR:

High temperature (automatic stop at 38°) and 0.5°C, difference from the set point value, Interruption of air circulations, High and low oxygen concentration

Failure &

Minimum water level

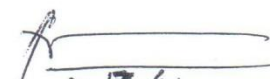
ADJUSTMENT:

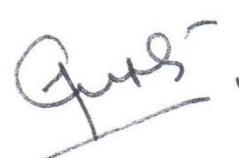
Cutaneous probe : 35-38°C (0,1°C. increments)

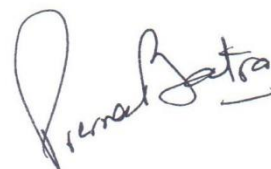
Inside temperature : 28-38°C. (0,1°C. increments)

ACCESSORIES :

100 neonatal disposable oxygen sensor for Pulse Oximeter.


2/7/14
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P-2/12

Item sl. no. 5

21/10/14
5

Technical specifications of ND YAG Laser

High -Quality ND YAG photo disruption laser system consuming less energy to produce optical break down for posterior capsulotomy, iridotomy and IOL polishing having integrated precise optics and superior image quality slit lamp. The equipment should have following specifications:

Laser wavelength: 1064nm.

Mode of operation: Q-switched.

Mode: Super-Gaussian / *Fundamental*

Optical breakdown: Typically 2.5mj in air.

Pulse length: upto 4ns.

Output energy: 0.3 to 10mj/pulse (continuously variable).

Max. laser energy: Single pulse: typically 10mj,; Double pulse: typically 23mj,; Triple pulse: typically 35mj.

Energy attenuation: 22 levels.

Pulse repetition frequency: 1.5 to 3 Hz.

Spot size: 8 to 10 µm.

Exit aperture angle: 16°.

Focus shift with wide range.

Aiming beam: 4-point aiming beam/Dual aiming beam focusing system.

Electrical connection: 100-240V, 50/60 Hz.

Laser Slit Lamp:

Magnifications: 5/8/12/20/32X.

Slit adjustment:

Slit height: in 1/3/5/9/14mm; slit width: 0-14mm, continuous adjustment.

Illumination-12V, 30W; brightness continuously adjustable.

P-11

Online

European

UPS compatible with equipment

Must be CE/FDA approved

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Dr. Upendra Dhaliwal
Professor
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DR. V.P. GUPTA

DR. G.K. DAS

Medical Superintendent/Director/Principal

[Signature]

Dr. B. GHOSH
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SUKU NANAK BYR CENTRE
(Maulana Azad Medical College)
Govt. of NCT of Delhi
Mahataja Ranjit Singh Marg
110 002

Item sl. no. 6

SPECIFICATION FOR SLIT LAMP WITH APPLANATION TONOMETER

Ophthalmology
GTB

- Should have bright illumination using LED/tungsten filament bulb/halogen bulb
- Prismatic/Galilean converging binocular stereo microscope with 3/5 (5/8/12/20/32) magnifications
- Diameter of field should be from 30-40mm to 5-6mm
- Slit length 1-8-14mm continuous
- Slit width 0 to 8-14mm continuous
- Filters:blue, red free (green), grey (10%), UV and IR filters permanently installed
- Eye pieces of 12.5X
- P.D. adjustments:50-75mm
- Ametropia adjustments: +/-8D
- Facility to tilt the slit image up to 20 deg. Should be available
- Smooth 3-D movement with joystick
- Facility for assistant scope
- Applanation tonometer attachment
- Original motorized instrument table
- Constant voltage transformer compatible with slit lamp
- 6 spare bulbs if not LED

Amfcom

➤ CE /FDA approved

P-1/1

[Signature]

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Dr. Upreet Dhaliwal
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[Faint stamp]
Dr. V.P. Gupta
Professor & Head
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Medical Superintendent/Director/Principal

[Signature]

Dr. B. GHOSH
Director
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Item sl. no. 7

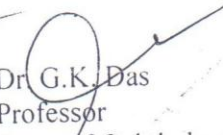
Technical specifications of Operating Microscope (Imported)


GTB


Binocular operating microscope with coaxial illumination for ophthalmic microsurgery **Equipped red reflex enhancement system with the IN/OUT Mechanism for 3- dimensional impression;** magnification: apochromatic motorized magnification motorized zoom (zoom ration 1:6) with magnification ranging from 4.6x to 27.4x, integrated XY-coupling; Illumination by 100 W halogen bulb or 5 W (4,500 K) LED; motorized focus (range=40mm); objective lens: F=175mm-200mm, Apochromatic; eye piece: 12.5X; 45° inclined tube, tiltable binoculars with converging optics; Filters: Blue barrier filter, retinal protection device. The foot controller having 8-way operation: Main lamp on, Main lamp off, X direction movement, Y direction movement, Focusing up, Focusing down, Zooming up and Zooming down; **Beam splitter with assist scope/C mount attachment/in built recording device with retrieval facility / CCT camera adaptor; /standard facility of Coaxial stereoscopic microscope for assistant.**

Must be CE/FDA approved.


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GTB HOSPITAL
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GTB HOSPITAL

Item sl. no. 8

Specification for Vitrectomy Machine:

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VACUUM

1. Should have the facility to generate direct venture vacuum of up to 600 Hg through cassette system. The supplier should provide adequate No. of cassettes for one year (150 No.).

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CUTTER

1. Should have the ability to drive vertical guillotine vitrectomy cutter to go up to 6000 cuts/minute.

IOP CONTROL

1. Should have the capacity to monitor infusion pressure constantly, should include the tubings for 1 year.

ILLUMINATION

1. The system should have dual port LED/XENON illumination.

MIVS

1. Should have the capacity to support MIVS options like 23 G and 25 G.

OTHER FEATURES

1. The system should have the Automated Silicon Oil Injection Capability, tubings, syringe & cannula for 1 year.
2. The system should have the Automated Silicon Oil Extraction Capability.
3. The system should have Auto Fluid/Air Exchange.
4. Should have the fully programmable footswitch with the facility to change procedural modes through footswitch.
5. Should have the facility of diathermy.
6. Should have the facility for the extrusion of sub-retinal fluid.
7. Should have programmability to store various parameters.
8. Should have the facility of ultrasonic fragmentation.
9. Facility to attach to Nitrogen cylinder

Online

10. UPS compatible with equipment, if machine is not working due to non functional UPS, the supplier will be responsible.
11. 20G, 23G, 25G vitrectomy sets including ten cutters, endlight, infusion cannula, tochan cannula etc.

European

12. CE/US FDA approved

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Upreet
 Dr. Upreet Dhaliwal
 Professor
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P-1/1

Medical Superintendent/Director/Principal

The specification must include 30% more viable lenses, otherwise approved

Rajni
17/11/14

Item sl. no. 9

Ultrasound Biomicroscope

Technical specifications:

UBM – touch screen computer, ultrasound probe, foot pedal, stand, key board & mouse

UBM Transducer: 35 & 50 MHz UBM Probe

Motor Driven, compact probe with interchangeable High Frequency transducers

Scanning Method : Variable filed sector scanner

Sector angle : 38° and 20° fields

Scanning speed: Variable 12.5 and 25 Frames/Second (fps)

Display : Observable range: variable: 18.5 mm wide X 14 mm deep @ 38° sectors; 12.0 mm wide X 14 mm deep @ 20° sector; Dual Screen simultaneous display with Live Zoom and standard screen display

B – Scan probe Frequency:12.5 MHz & 20 MHz

Electronic resolution

38° field sector : Axial (depth) direction: 0.027 mm; lateral (Width) direction: max. 0.035mm

20° field sector : Axial (depth) direction: 0.027 mm; Lateral (width) direction: max 0.23 mm

Acoustic Axial Resolution

35 MHz transducer: 0.068 mm

50 MHz transducer: 0.050 mm

Gain curves: Logarithmic with user-selectable window (contrast) and level (brightness) control

Measurements:

- A-Scan Profile with 2 markers, dual caliper measurements.
- Anterior segment biometry – single measurement of Cornea Thickness, Anterior Chamber Depth (ACD) and Lens Thickness.
- Distance Measurement: Angle-to-Angle, Sulcus-to-Sulcus, Corneal and Scleral Thickness.
- Angle in degree.

Dynamic recording

Recording time: Depends on computer memory, 40 sec. or more

Recording frame rate : 12.5, 25 fps

Sound sampling rate : CD quality, 44.1 KHz

Dr. V.P. GUPTA
Prof.
D.O.
DISEASE

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DYNAMIC RECORDING

Recording Time : 40 seconds minimum, depends on available PC memory
Recording Loop, Play, Half-Speed and Playback:

FILE EXPORT FEATURES

Export Report as: PDF, RTF, E-mail; Export Snapshot as: TIF, PNG, JPG
Export Image Movie as: MOV, AVI, Folder of Images
DICOM Export Support: Optional

GENERAL:

Computer: Mini Tower or Desktop
Monitor: 17" LCD monitor
1280 x 1024 resolution
Must be CE/US FDA approved

Euro Steer

Original table / trolley (in built)
UPS compatible 30 minute back up

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Medical Superintendent/Director/Principal

4

Dr. B. Prakash
Director
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Maharaja Ganga Ram Marg
New Delhi-110 002

P-2/2

Item sl. no. 10

ENDOLASER with Laser Indirect Ophthalmoscope compatible with Carl Zeiss Microscope

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Specifications

- Frequency Doubled Solid State, diode-pumped with diode on demand Technology / Continuous
- Wave length 532nm, Max. Power 1.5 W at cornea or more
- Aiming beam 635 nm laser diode, Max. power 1mW
- Auto pulse adjustable from 100-6000ms pulse interval
- Pulse duration 10-2,500ms, (CW)
- Electrical connection: 115-230V, 50/60 Hz, max. 700 Watt
- Thermoelectric cooling
- Dynamic Physician Safety Filter for Carl Zeiss Microscope
- Endo laser probes 5Nos.
- Laser Indirect Ophthalmoscope with light source, 20 D lens & fiber cable 3 M / 5 M
- Suitable UPS

Air cooled

ODH
C

Must be CE / FDA approved

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 Prof. V.P.Gupta,
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Superintendent/Director/Principal Medical

B. Ghosh
 18/12
 DR. B. GHOSH
 Director
 GURU NANAK DEV UNIVERSITY
 (Medical College) (College)
 4, Sector 14, Gurgaon
 Haryana - 122002

Item sl. no. 11

AUTOMATED FIELD ANALYSER


Technical Specifications:

1. Maximum stimulus intensity: 10,000ASB.
2. Stimulus wavelength: Broadband visible light.
3. Stimulus Duration: upto 200m sec.
4. Bowl Testing distance: 30cm.
5. Good Bowl illumination.
6. Max Temporal Range: upto 90 degree.
7. Stimulus/Background colour: white on white.
8. General Testing Features: Goldman Stimulus size I to V Foveal Threshold Testing, Automatic Pupil Measurement.
9. Threshold test: 24-2, 30-2, 10-2, macula, 60-4 nasal step.
10. Facility for SITA SWAP software, full threshold fast pack.
11. Progressive analysis facility.
12. Age corrected screening test mode.
13. Data Analysis Software: Statistical package for Single and Multiple Field analysis.
14. Adequate Data Storage facility: Hard disk drive, Tape, Back up.
15. Fixation monitoring: Heji Krakau blind spot monitor video eye monitor.
16. Printer: Laser printer.
17. UPS back up compatible with machine.
18. Original motorized table supplied by the manufacturer.
19. Must be CE/FDA approved.

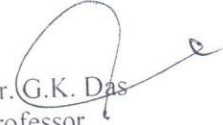
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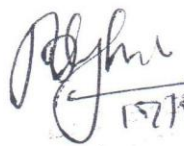
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Medical Superintendent/Director/Principal


15/12/14

P-1/1

Item sl. no. 12

RADIO FREQUENCY KNIFE FOR OPHTHALMOLOGY


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Technical Specifications:


Radio Frequency Knife which cuts without exerting any pressure & provides bacterial free incision & bloodless field. It should have dual frequency : 1.7 MHZ & 4MHZ; fine & active tungsten wire electrodes having flexible shaft that may be bent & modified as per need; sterilizable electrodes.


Antenna plate without ground contact or skin contact; Finger switch & foot switch activated; computerized auto start up test for indicator; detachable waterproof switch; Four waveform & fine modalities of operation; autoclavable & disposable hand piece & neutral plates; adjustable volume for activation monitors; power output 120 watts J CE Mark / EMC compliance; 180 mark certified & FDA 510 K approved.

Online
UPS compatible for the equipment

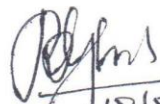

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Prof. G.K. Das
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Superintendent/Director/Principal Medical


12/12/14
Dr. A. GHOSH
Director
JURU NAIK... CENTRE
(Maulana Azad... College)
Maha...
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Item sl. no. 13

Specifications for Eye Bank Specular Microscope

- Facility to observe human cornea in both viewing chambers and vials.
- Non-contact objective lens.
- Field of view: 450µm.
- CCD camera: Monochrome.
- Illumination: Halogen lamp, 6v 20w.
- Digital pachymeter.
- 21.5" touch screen monitor.
- Custom vial holder.
- Power: 220V.
- Compatible UPS.
- Table for equipment

13

Soft ware should provide following features for endothelial cell analysis for Eye Banks

- Real-time magnified endothelial imaging.
- Live image enhancement on screen
- Zoom in/out function.
- Pixel-based calibration validation.
- 640x480 full resolution bmp images.
- Import/export images.
- Internet/intranet capability.
- Generate multiple reports.
- Laser printout on plain paper.

Cell analysis methods should include:

- Automatic cell count with border overlay.
- Variable frame cell count/co-efficient of variance.
- Cell density, polymegathism, pleomorphism, distance.
- Statistical, histogram and correlation analysis.

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GURU NANAK EYE CENTER
157/8/14
157/8/14
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157/8/14

Item sl. no. 14

Specifications for Ceiling Mounted Surgical Light System based on LED Technology with CCD camera (Department of Surgery)

Surgery

(14)

General Specifications:

1. The equipment should be of international standards having recent and valid 'International Certification For Quality Of Product' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed. *CE (EUROPEAN) print/label*
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.

Function & Technical Specifications :

10. The light head should consist of "single white color LED" technology..
11. Should consist of main and one satellite light.
12. Should be capable of easy positioning with suitable braking mechanism to prevent movement after positioning. The lights should have provision for attachment of sterilizable handles for positioning by the operating surgeon.
13. Should have high color temperature, minimum 4000° K.
14. The light should be shadowless with minimum rise of operative field temperature.
15. The light should be bright with minimum illumination at 1m being 150 thousand lux (main light) and 100 thousand lux (satellite light).

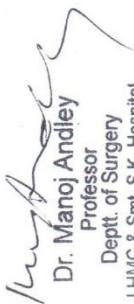
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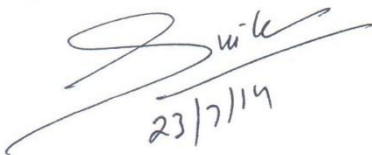
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 23/7/14
Dr. Manoj Andley
 Professor

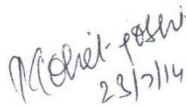
Mohit Joshi
 23/7/14

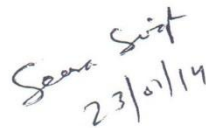
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16. The size of light field at 1 m distance should be 18-30 cm. The depth of focus should be 25-35cm.
17. Color rendering index of the light should be 95 or above.
18. The camera should be high definition (2 megapixel minimum) with minimum 10x optical zoom with automatic white balance, analogue and digital output and LAN connectivity. It should be mounted with the main dome of the operating light..
19. The camera system should include the camera control unit, a 17”(minimum) HD LCD monitor and a recording device. In addition, a 42”.HD LED monitor is to be supplied and fixed to the wall in the seminar room on the same floor, within 100 metre from OT complex.. Suitable cabling and mixer for 02 cameras for transmission to seminar room to be provided.
20. The recording device should be a “stand alone” hard disc based recording device (not a desktop/ laptop computer) capable of HD recording and connectivity to HD camera system. It should have a disk capacity of minimum 250 GB. The device should have USB ports for downloading data from the hard disk.
21. Suitable online uninterrupted power supply for 30 minutes backup should be provided.


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Seena Sait
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Anshul
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Item sl. no. 15

Specifications for Ceiling Mounted Surgical Light System based on LED Technology (Department of Surgery)

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document

15

General Specifications:

1. The equipment should be of international standards having recent and valid 'International Certification For Quality Of Product' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed. CE (EUROPEA) *Manoj*
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/ brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.

Function & Technical Specifications :

10. The light head should consist of "single white color LED" technology..
11. Should consist of main and one satellite light.
12. Should be capable of easy positioning with suitable braking mechanism to prevent movement after positioning. The lights should have provision for attachment of sterilizable handles for positioning by the operating surgeon.
13. Should have high color temperature, minimum 4000° K.
14. The light should be shadowless with minimum rise of operative field temperature.
15. The light should be bright with minimum illumination at 1m being 150 thousand lux (main light) and 100 thousand lux (satellite light).

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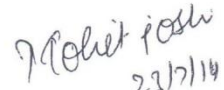
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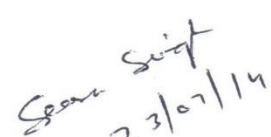
Suresh Singh
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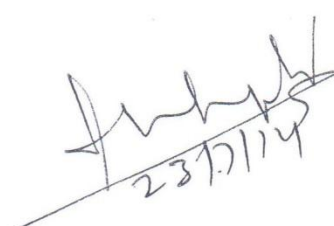
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16. The size of light field at 1 m distance should be 18-30 cm. The depth of focus should be 25-35cm.
17. Color rendering index of the light should be 95 or above.
18. Suitable online uninterrupted power supply for 30 minutes backup should be provided.


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Item sl. no. 16

Specifications for High Definition Laparoscopic Surgery System

Department of Surgery

UCMS & GTB Hospital

16

General Specifications:

1. The equipment should be of international standards having recent and valid 'International Certification For Quality Of Product' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed. *CE (Europe) - [Signature]*
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/ brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.
10. **Technical specifications** : The equipment should be suitable for various general surgery operations like cholecystectomy, TEP, appendicectomy etc. by laparoscopic method. The equipment should consist of following components:
 - 10.1. Full High Definition Digital Camera
 - a. High definition 3 chip camera (minimum 3 x 1/3 inch CCD)
 - b. Camera Head with Universal Coupler
 - c. Pure digital signal with high definition video of at least 1920x1080 pixels progressive scan native resolution both on camera head and camera control unit.
 - d. Compatible with aspect ratio minimum 16:9
 - e. The system should have optical zoom facility.
 - f. Programmable buttons on camera head

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- g. Integrated gain/ shutter/ enhancement with automatic brightness control
- h. Video outputs: Composite, S Video, RGB, HD to DVI, SDI
- i. Signal to noise ratio of not less than 60 dB
- j. Keyboard/ touchscreen input facility

10.2. High Resolution Medical Grade Monitor

- a. HD color monitor (TFT), minimum 24", flat panel
- b. 16:9 aspect ratio
- c. PAL system compatible.
- d. Resolution of at least 1920x1080 pixels
- e. Should at least have following inputs and output ports -DVI, S VIDEO, RGB, HD SDI, SDI

10.3. Light Source

- a) 300 W xenon light source
- b) Should adapt to any make of fiber optic cable
- c) Both automatic and manual light adjustment
- d) Light intensity adjustment continuously adjustable from 0 to 100% manually
- e) Colour temperature 6000K

10.4. Fiber Optic Light Cable


- a) Diameter approx. 4.8mm, length approx. 300 cm

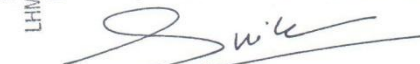
10.5. CO2 Insufflator

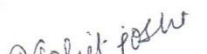
- a) Flow rate 0-30 L per minute
- b) Pressure adjustable from 0-30 mm Hg
- c) Display of actual and preset flow rate and pressure, total volume of gas consumed
- d) Should have visual and audible alarms
- e) Should function satisfactorily at gas supply pressure of approx. 5-80 bars.
- f) Facility for warming of CO2 gas.

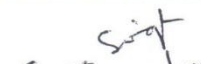
10.6. Telescopes


- a) Wide angle full screen
- b) Optimal centre-to-edge resolution for enhanced picture quality
- c) Standard ocular window for coupling the camera head
- d) Advanced rod lens system for optimum brightness, contrast and definition


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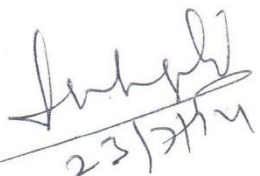

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- e) Compatible with high definition laparoscopic camera system
 - f) Autoclavable, approx. 300 mm length
- 10.7. HD documentation System (Recorder System)
- a) Should be a standalone recording system (not a desktop or laptop computer)
 - b) Should have multiple video inputs :HD-SDI, DVI-D, SD-SDI, composite, and S-Video
 - c) Should have multiple video outputs: HD-SDI, DVI-D, SD-SDI, composite, and S-Video, USB 2.0
 - d) Should be capable of progressive scan image capture
 - e) Should have audio input
 - f) Should have microphone for recording
 - g) Should have disc capacity of at least 300 GB
 - h) Multi session disc recording capability
 - i) Should support multiple file formats for images.
- 10.8. Electrocautery
- a) Monopolar and bipolar output
 - b) Preselectable coagulation and cutting power
 - c) Soft, standard and spray coagulation
 - d) Footswitch/ hand switch activation
 - e) Minimum 250 W output
- 10.9. Suction Irrigation System
- a) Suction and irrigation system for use in laparoscopy in surgical procedures
 - b) Should be compatible for use with commercially available 500ml to 5 litre saline bottles.
 - c) Precise presetting of suction and irrigation parameters
 - d) Adjacent display for set values and actual value
 - e) Irrigation pressure - 0-400 mmHg approx.
 - f) Irrigation flow - 0-1000 ml/min approx.
 - g) Suction- 0-0.8 bar approx.
- 10.10. Mobile Videocart
- a) Rides on four antistatic casters
 - b) Equipped with locking brakes
 - c) Shelves –at least 4
 - d) Equipped with handles for easy maneuvering
 - e) Cable channel mounted on the left or right side of the column
 - f) Electrical supply terminal strip with at least 6 sockets.


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10.11. Bulk CO2 cylinders (Indian Make) : with pressure gauge to measure CO2 pressure in the cylinder


10.12. CVT – 2 KW(Indian Make)

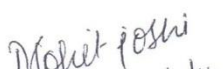
10.13. Laparoscopic instruments : Assorted, Reusable

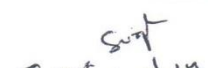
11. Quantity required : the above components should be supplied in the following quantity

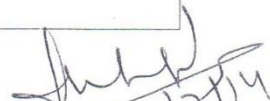
Sr. No	Name of the instrument	Specifications	Quantity
11.1	Full high definition digital camera	As above	01
11.2	High resolution medical grade monitor	As above	02
11.3	Light source		
	11.3a	Main unit, as above	01
	11.3b	Spare Xenon bulbs 300 w	05
11.4	Fibre optic light cable		
	11.4a	Light cable, as above	02
	11.4b	90 degree light adapter , for connecting light cable to telescope	02
11.5	CO2 insufflator		
	11.5a	CO2 insufflator, as above	01
	11.5b	High pressure tube of 300cm for connecting to bulk CO2 gas cylinder with spare washers	06 each
	11.5c	Filters with connecting accessories	50
	11.5d	Tubings for connection to veress needle	02
	11.5e	Luer connector for connecting to Veress needle	05
11.6	Telescopes		
	11.6a	Telescope 10mm ,0 degree/ forward	02
	11.6b	Telescope 10mm , 30 degree/ Forward oblique	02
	11.6c	Telescope 5mm , 0 degree/ forward	01
	11.6d	Telescope 5mm , 30 degree/ Forward oblique	01
11.7	HD documentation System (Recorder)	As above	01

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	System)			
11.8	Electrocautery	11.8a	Main unit	01
		11.8b	Reusable patient plate (return electrode)	05
		11.8c	HF lead, 3-5 m, for monopolar hand instruments	05
		11.8d	HF lead, 3-5 m, for bipolar hand instruments	05
		11.8e	Reusable hand electrodes (short and long length)	05 each
		11.8f	Footswitch Monopolar and Bipolar	02 each
		11.9	Suction irrigation system	11.9a
11.9b	Reusable suction and irrigation tubings			10
11.10	Mobile video cart		As above	01
11.11	Bulk CO2 cylinder with pressure guage		As above	04
11.12	CVT		As above	01
11.13	Reusable Hand instruments	11.13a	VERESS Pneumoperitoneum Needle -Luer lock,12 - 13 cm	05
		11.13b	Trocar and cannula - 10- 12 mm diameter, 10-12 cm length, pyramidal tip, stop cock, autoclavable, dull finish	Trocar&cannula – 3 Rubber cap - 20
		11.13c	Trocar and cannula - 5.5 - 6 mm diameter, 10-12 cm length, pyramidal tip, stop cock, autoclavable, dull finish	Trocar and cannula – 3 Rubber cap - 20
		11.13d	Reducer for above trocar - 11mm to 5 – 5.5 mm	Reducer – 3 Rubber cap - 20
		11.13e	Grasping forceps - Atraumatic, rotating, dismantling(insert, outer tube, handle)with connector pin for unipolar coagulation, size 5 mm, length 31 - 36 cm	5
		11.13f	Bowel grasping forceps - Atraumatic, rotating, dismantling(insert, outer tube, handle)with connector pin for unipolar coagulation, size 5 mm, length 31 - 36 cm	2

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11.13g	Dissecting forceps - Maryland type, rotating, dismantling(insert, outer tube, handle)with connector pin for unipolar coagulation, size 5 mm, length 31 - 36 cm	5
11.13h	Grasping forceps - Babcock type, atraumatic, rotating, dismantling (insert, outer tube, handle) with connector pin for unipolar coagulation, size 5 mm, length 31 - 36 cm	2
11.13i	METZENBAUM Scissor - Curved, length of blades 12mm, rotating, dismantling (insert, outer tube, handle), with connector pin for unipolar coagulation, size 5mm, length 31 - 36 cm	2 Spare insert - 2
11.13j	Hook scissors - Rotating, dismantling (insert, outer tube, handle), with connector pin for unipolar coagulation, size 5mm, length 31 - 36 cm	2 Spare insert - 2
11.13k	Suction irrigation cannula - Reusable, lateral and end holes, with two way stop cock, dull finish, 5mm length 29 - 36cm	2
11.13l	Dissecting spatula - Blunt, size 5mm, length 31 - 36 cm	2
11.13m	Dissecting electrode - L-shaped, size 5mm, length 31 - 36cm	5
11.13n	Clip applicator - Rotating, for ligac lips, 10 mm, 31 - 36 cm	For Medium-Large (LT 300 type) clips - 1 Nos For Large (LT 400 type) clips - 1 Nos
11.13o	Spare clips compatible with above applicators, sterile packs	Medium large 1000 Large 1000
11.13p	High frequency cord - For connection to electrosurgical unit, unipolar	5

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		11.13q	Needle holder - Lockable, right curved jaws with tungsten carbide inserts, size 5mm length 33 - 34 cm	2
		11.13r	Gallbladder extraction forceps - Claw type, 10 mm, 2x3 teeth, 31 - 36 cm	1
		11.13s	Lubricants, brushes, silicone oil - For cleaning and maintenance of instruments	1 set

About 500 procedures per year.

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Item sl. no. 17

Specifications for Holmium -Yag laser Surgical System

Department of Surgery, UCMS & GTB Hospital

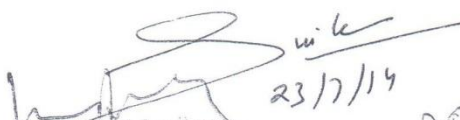
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General Specifications:

1. The equipment should be of international standards having recent and valid '**International Certification For Quality Of Product**' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed. (E (Europe)).
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/ brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.

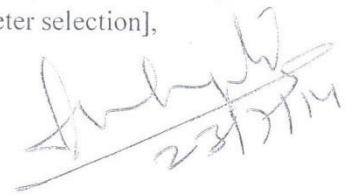
Technical Specifications:-

10. Holmium laser system should be capable of performance of all 'Endourological Applications' like lithotripsy of all types urinary stones in kidney, ureter and bladder; ablation of soft tissues like (bladder neck incision, PUJ incision, urethral stricture incision, fulguration of posterior urethral valves, bladder neoplasms & condylomas etc.) P- 1/3
11. Holmium Laser Generator Set: Should be equipped with following:
 - a. Laser type Ho:YAG [Wavelength of 2.1 micrometer approx., (2100 nanometer), digital display; enable automatic fibre recognition and parameter selection],
 - b. Frequency/ repetition rate: upto maximum 20 Hz adjustable;


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- c. Power output (30-60 watts of maximum output power at tissue level, adjustable),
- d. Energy, adjustable up to maximum 3.5-4 joules,
- e. Pulse duration, adjustable
- f. Program modes for lithotripsy/ablation/coagulation etc;
- g. Should work with the standard 220 volts AC single phase voltage supply;
- h. Aiming/pilot beam should be of colour different from that of Ho-Laser beam;
- i. Integrated self contained cooling mechanism & system should work satisfactorily at prevalent OT room temperature ;
- j. Compatible UPS with 30 minute backup;
- k. All above should be quoted/supplied along with the standard/'tendered equipment'.

12. Standard Components : Should come with the following components:

a) Fibres:: Re-usable laser fibres, end-fire type, for use with (rigid & flexible nephroscope/ureterorenoscope/ cystourethroscope).

S. No	Approx. Fibre Diameter (microns)	Approx. Fibre Length (cms)	Qty
1	200-250	300	10
2	350-400	300	10
3	550-600	300	20

- b) Laser fibre scissors/cutter for above size fibres: (Qty: 02 each)
- c) Laser Fibre stripper for above size fibres: (Qty:02 each)
- d) Eye safety reusable goggles (Qty: 10)
- e) Laser bridge for 600 micron (compatible with Wolff™ Resectoscope): (Qty-02)
- f) Compatible leak proof foot switch (to avoid seepage of water): (Qty-02)
- g) Compatible UPS with 30 minute backup. (Qty – 01)
- h) Mobile trolley for the main unit and UPS. Should be stable and rust-proof. (Qty – 01)
- i) Protective cover for the equipment. (Qty – 01).
- j) User/Instruction manual

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P. 2

Item sl. no. 18

Specifications for Ultrasound Machine for Surgery Department

18

Department of Surgery, UCMS & GTB Hospital

General Specifications:

1. The equipment should be of international standards having recent and valid 'International Certification For Quality Of Product' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed. *CE Europe*
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/ brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.

Technical Specifications

10. The equipment required is a medical ultrasound machine for use in general surgery with facility for abdomen, small body parts, vascular, endocavitary, intra-operative ultrasound and biopsy.
11. Should consist of
 - a. Main unit: Mobile but not portable type, weighing more than 60kg.
 - b. Monitor: flat screen, high resolution, flicker-free, display of 15 inches or more with flexible positioning of monitor.
 - c. Electronic multifrequency probes of varying types
12. Should be latest generation digital system with a minimum of 1024 processing channels.
13. Should have a dynamic range of 300db or more.

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14. Scanning capabilities: Real time imaging B mode, M mode, B mode (split Screen), B+M mode, color Doppler, pulse and continuous wave Doppler mode, power doppler and tissue harmonic imaging. Triplex mode scanning should be available.
15. Depth of imaging: High resolution must be possible in obese patients. Should be able to scan structures deeper than 30cm with continuing good spatial resolution.
16. The system should have at least 3 active ports to connect the transducers and it should be possible to electronically switch transducers i.e without manual handling
17. Measurement facilities for distance, area, circumference, volume with calliper accuracy of better than 2% or 0.5mm. Measuring calliper on screen should not be more than 5.0 mm. Optical trackball should be available.
18. Magnification facility should be available. It should be available both in real time and frozen images
19. Cine loop review at 25 frames per second or better
20. Electronic adjustment of number and depth of focal zones.
21. Controllable signal processing facility. Minimum 6 step TGC control and automatic TGC control
22. Tissue specific presets for individual clinical applications
23. Colour Doppler: Should be able to visualize superficial as well as deep vessels (1-15 cm depth), with good resolution.
24. Display should include: Patient details, date, anatomical site markings and text, ultrasound settings and indices.
25. Documentation facility: Inbuilt storage of 10,000 patient scanning data with facility for user download on USB drive.
26. Video recording facility must be available.
27. Should operate at 230V AC, 50Hz power supply.
28. System should have facility for networking on DICOM.
29. The system should include

Sr No	Name of the component	Specification	Quantity
29.1	Main Unit with monitor	As above	01
29.2	Ultrasound probes	29.2.a Convex, electronic, multifrequency, 2-5 MHz, biopsy guide, Doppler facility	01
		29.2.b Linear, electronic, multifrequency, 7.5-10 MHz, biopsy guide, Doppler facility	01
		29.2.c Endocavitary, electronic, multifrequency, 3-8 MHz, biopsy guide, Doppler facility	
		29.2.d Intraoperative, linear array, electronic, multifrequency, 5-10 MHz, biopsy guide, Doppler facility	
29.3	Documentation system	29.3.a Printer for paper printing of selected images	01
		29.3.b Inbuilt storage of 10,000 patient scanning data with facility for user download on USB drive.	01
29.4	UPS Indian make	Compatible UPS with 30 minute backup.	01
29.5	Protective cover	For protection from dust	01

P-2)

S. S. S. S. S.
23/7/14

Robert Poshu
23/7/14

Seema Singh
23/07/14

[Signature]
23/7/14

Dr. Manoj Andley
Professor
Deptt. of Surgery
LHMC & Smt. S.K. Hospital,
New Delhi-110001

Item sl. no. 19

Specifications for Dual Intracorporeal Lithotripter

(19)

Department of Surgery, UCMS & GTB Hospital, Delhi


General Specifications:

1. The equipment should be of international standards having recent and valid 'International Certification For Quality Of Product' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed. *CE (EUROPE) in copy*
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/ brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.

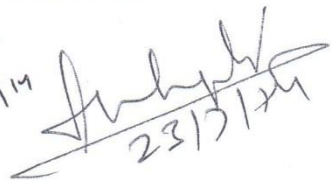
Technical specifications

10. The equipment is required for intracorporeal lithotripsy of urinary stones. Should have facility for ultrasound and pneumatic (ballistic) lithotripsy with application of suction integrated in the same machine
11. It should be possible to deliver these energies by separate probes and handpieces. It should also be possible to integrate all the probes into the same hand piece so that both ultrasound and pneumatic energies can be delivered simultaneously to the stone along with the application of suction.
12. The unit should be supplied with probes that are suitable for use with nephroscopes and ureteroscopes of different makes.
13. Simultaneous suction facility with probe and hand pieces which should be capable of connection to hospital wall suction or stand alone suction unit.
14. There should be a container for collecting stone fragments.

P-1


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Deptt. of Surgery
UCMS & Smt S.K. Hospital,


Mohel. jeshu
23/7/14

Sauri Smt
23/5/14

23/7/14

15. It should be possible to regulate the energy / power of both pneumatic and ultrasonic lithotripter.
16. It should be possible to regulate the repetition rate of the pneumatic lithotripter.
17. Probes and hand pieces should be sterilisable by liquid, gas and autoclaving.
18. There should be a facility to allow cooling of the probe during use of ultrasonic energy.
19. The unit should be supplied with an ergonomic dual foot pedal control that allows separate or concurrent use of both energies.
20. The equipment should include

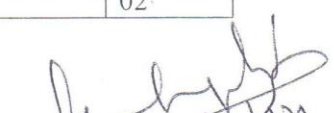
Sr No	Name of the component	Specification		Quantity
20.1	Base unit	20.1.1	Integrated pneumatic and ultrasonic lithotripter	01
		20.1.2	Dual foot pedal	02
		20.1.3	Compressed air connection	01
		20.1.4	Pneumatic handpiece	02
		20.1.5	Ultrasound handpiece	02
		20.1.6	Stone catcher	01
20.2	Pump		Pump including overflow protection filters, connection set, compressed air connection and exhaust connector kit	01
20.3	Trolley		For housing the base unit and other accessories, mobile	01
20.4	Pneumatic lithotripter probes	20.4.1	Probe 3.2mm, approx. 425mm length	02
		20.4.2	Probe 2 mm, approx.425mm length	02
		20.4.3	Probe 1.6 mm, approx. 600mm length	02
		20.4.4	Probe 1mm, approx. 600mm length	02
		20.4.5	Probe 0.8 mm, approx. 600mm length	02
		20.4.6	Probe cap for 3.2 mm probe	02
20.5	Ultrasonic lithotripter probes	20.5.1	Probe 3.8 mm, approx. 400 mm length	02
		20.5.2	Probe 3.8 mm, approx. 330 mm length	02
		20.5.3	Probe 3.3 mm, approx. 400 mm length	02
		20.5.4	Probe 3.3 mm, approx. 330 mm length	02
		20.5.5	Probe 1.9 mm, approx. 360 mm length	02
		20.5.6	Probe 1.5 mm, approx. 570 mm length	02
20.6	Pneumatic combination probes	20.6.1	Probe 1.3 mm, approx.570 mm length for combination with ultrasound probes	02
		20.6.2	Probe 1.0 mm, approx. 570 mm length for combination with ultrasound probe	02
		20.6.3	Probe 1.0 mm, approx.500 mm length for combination with ultrasound probes	02
20.7	Air compressor		Suitable for the base unit, silent operation	01
20.8	Sterilization tray		Autoclavable, for above probes	02

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Mohit Jeshu
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Suresh Singh
 23/07/14


 23/7/14

Item sl. no. 20

Specifications for Video Endoscopy System

(Department of Surgery)

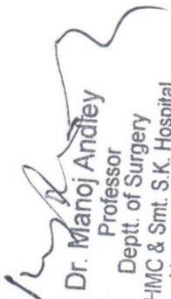
Specifications:


General Specifications:

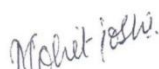
1. The equipment should be of international standards having recent and valid 'International Certification For Quality Of Product' issued by certifying agencies like USFDA/ISO/CE/TUV. Authenticated and legible certificate for the same to be annexed.
2. The manufacturer should have local service facility.
3. The bidder should give a comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories.
4. The supplier should clearly state if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
5. The supplier should provide detailed technical specifications including
 - a. Model number and make of each component
 - b. Quantity of each component offered
 - c. The technical bid should be duly supported by original catalogue/ brochure of the manufacturer. Relevant parts of the brochure pertaining to the equipment proposed to be supplied should be highlighted.
6. There should be no discrepancy between specifications given in technical bid, brochure and compliance statement. In case of any such discrepancy the technical bid will be disqualified
7. Standard accessories: The quotation should clearly mention the accessories (including quantity) which are part of the equipment and the price of which is included in the price bid. The equipment should be fully functional with the standard accessories.
8. List of important commonly required spare parts and accessories with their part number and price to be provided.
9. The supplier should be able to demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.


10. Upper GI Gastrovideoscope (Quantity 1)


- a. High definition/ high resolution
- b. Forward viewing
- c. Observation range: minimum 6mm or less, maximum 100 mm or more
- d. Field of view: 140 degrees or more
- e. Distal end diameter: 10 mm or less
- f. Bending capabilities: up-200 degrees or more
- g. Down-90 degrees or more
- h. Left- 100 degrees or more
- i. Right- 100 degrees or more
- j. Forceps channel diameter; minimum 2.8mm
- k. Working length: 1030 mm or more


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23/12/14


23/12/14


23/12/14


23/12/14

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11. Videocolonoscope (Quantity 1)

- a. High definition/ high resolution
- b. Forward viewing
- c. Observation range: minimum 3 mm or less, maximum 100 mm or more
- d. Field of view: 140 degrees or more
- e. Distal end diameter: 14 mm or less
- f. Bending capabilities: up-180 degrees or better
- g. Down- 170 degrees or better
- h. Left- 150 degrees or better
- i. Right- 150 degrees or better
- j. Forceps channel diameter: minimum 3.7 mm
- k. Working length: 1670 mm or better

12. Videoprocessor (Quantity 1)

- a. High definition digital output: DVI 1280 X 1024/ HD 1080
- b. Colour enhancement technology
- c. Integrated air pump
- d. Capable of connection to image capture device for recording HD still and video images

13. Light Source (Quantity 1)

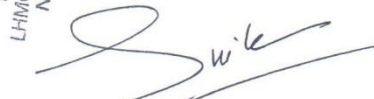
- a. Xenon light source 300 watts
- b. One spare Xenon bulb to be supplied

Note: Videoprocessor and light source may be offered as a single integrated unit

14. Recording Device (Quantity 1)

- a. Hard Disc based (minimum 300 GB) HD recording device capable of real-time recording (should not be a desktop/ laptop computer. It should be a standalone recording device)
- b. Should accept high definition digital and analogue signals from the video processor.
- c. Should have a USB port 2.0 or better for transferring the data to a pen-drive

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23/7/14

P-2/3

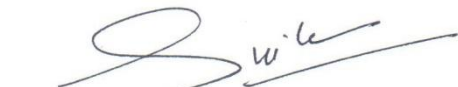
15. Monitor (Quantity 1)

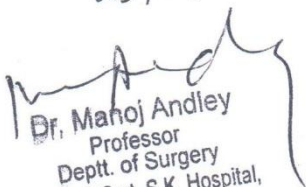
- a. Medical grade HD monitor (DVI 1280 X 1024/ HD 1080), LED/LCD
- b. Size 15" or more

16. Accessories

- Supplied with keyboard, leakage tester and water bottle
- Endoscopy trolley for complete mounting of the system
- Should have a hanger for hanging the scope
- 2 KVA Constant Voltage Transformer(CVT) suitable for above system
- Standard accessories

about 750 procedures per year


23/07/14


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Item sl. no. 21

Specifications for Glycated Haemoglobin (HbA1c) Testing System

- 1) Fully automated bench top system with capability for measurement of HbA1c
- 2) Unit should be based on high performance liquid chromatography (HPLC) technology
- 3) Unit should accept whole blood samples
- 4) Unit should be able to process upto 100 samples at time and with a testing time < 2 minutes per test
- 5) Should have a high level of accuracy, precision (CV < 5%) and reliability
- 6) Method should be free from interference from temperature and carbamylated haemoglobin. There should also be no interference from Hb variants including heterozygous HbS, HbC, HbD and HbE.
- 7) Accurate HbA1c measurements in the presence of HbF of more than 20%
- 8) Unit should be capable of using different sample tube sizes
- 9) Continuous sample loading facility
- 10) STAT processing facility
- 11) Unit should be capable of supporting finger stick collection for field testing
- 12) Onscreen display
- 13) Unit should have a bi-directional LIS
- 14) Unit should have alarm system to indicate low buffer, calibration failure and over flow of waste tank
- 15) Unit should have capability to provide a continuous and precise buffer gradient
- 16) Unit should be capable of showing real time analysis of the sample.
- 17) Test results should be traceable to diabetes control and complications trial (DCCT) reference study
- 18) Firm should be able to provide reference library of chromatograms with different Hb variants including those present in India.
- 19) Built in printing capability
- 20) RS232 port and floppy disk drive
- 21) Bar code reading capability
- 22) Should be ISO-9001 certified and NGSP-Certified for Diabetes Monitoring
- 23) Firm should have more than 50 installations in India and service centre in India preferably Delhi NCR.
- 24) Quote for equipment with all essential accessories like to perform HbA1c in whole blood samples, calibrators, controls, pumps and printer paper compatible with equipment etc.
- 25) Quotation for kits/consumables should be as for 5000 tests for 1 year. The price bid for consumables shall remain frozen for a period of 5 years. No upward revision shall be permitted. However, any downward revision by the principals shall have to be communicated to user department.
- 26) Power Supply: 220-240 V; 50-60 HZ.
- 27) Suitable UPS with 30 minutes power back up.

SV
2/19/13

Dr. S V MADHU
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Dr. SEEMA GARG, MDD
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Ditshad Garden Hospital

Dr. VINOD KUMAR (MD)
Specialist (Medicine)
Ditshad Garden Hospital

Dr. Anilash Aggarwal
MD (Internal Medicine), PGCC (Cardiology)
Assistant Professor
Department of Medicine
UCMS & GTB Hospital
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Dr. S V MADHU
Professor & Head
Department of Medicine
UCMS & GTB Hospital
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Item sl. no. 22

Specifications for Paedo Barograph System

1. System should be fully automatic and be capable of measuring foot pressure at different points and graphically display of the same
2. Should measure Static and Dynamic Foot Pressure
3. Should display foot roll over frame by frame
4. Should display force, pressure and contact over time in real time
5. Total No of Sensors should be more than 1700
6. Sensing Method: Calibrated Capacitance Sensor
7. Sensor Resolutions: Minimum 2 sensors per Sq.cm
8. Sensing Frequency: 50 Hz and provision for selection of higher range
9. Every Sensor should display the calibrated pressure value
10. Pressure Range: 10 to 1200 kpa or more
11. Platform dimension should be approximately 60 cms x 30 cms x 20 cms to accommodate the foot comfortably
12. Database to store patient details and all the foot data
13. High speed data transfer
14. The patient report should provide: 1:1 foot size and display peak pressure, Max. Force and Contact Area.
15. Software should also print the screen shot along with 1:1 foot size
16. Software should have provision to select: ncm, kpa, mmHg pressure range
17. Software should be capable of displaying 2D, 3D image format
18. Working temperature Range: 10 to 40 degree C
19. Power supply: 220-240 V, 50-60 Hz
20. Appropriate UPS with 30 minutes power back up

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Dr Amitesh Aggarwal
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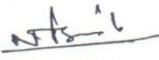
Dr S V MADHU
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Department of Medicine
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Delhi

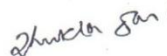
Prof. S. V. MADHU
M.D., D.M. (Endocrinology)
Professor of Medicine
U.C.M.S. and G.T.B. Hospital
Shahdara, Delhi - 110095

Item sl. no. 23

Specification of Media Preparation System

1. The system should allow automatic, rapid preparation of 1-9 liters of media
2. The system should be equipped with a magnetic stirrer to ensure homogenization of the media thoroughly, both, during sterilization and distribution
3. The system should be equipped with additional vent for adding blood or other additives on line while media preparation is going on.
4. The system should have the facility to monitor the core temperature during the entire process irrespective of the volume of media prepared
5. Alphanumeric keypad to set specific programs, should have capability to store up to 40 programs
6. Sterilization temperatures should be between 95 - 125 degrees
7. Dispensing temperatures should be adjustable in the range of from 25- 80 degrees
8. The cover should be transparent and there should be a cover locking mechanism as temperature rises on or above 80 degrees with a safety valve
9. Site preparation infrastructure facility
10. FDA / European CE certificate to be provided.
11. Warranty as per tender document


(Sr. Faculty)


(Sr. Faculty)


(Head of Department)



Dr. IQBAL RAJINDER KAUR
Prof. & Head
Deptt. of Microbiology
UCMS & GMC Hospital, Delhi

Specifications approved

P. Bhalla
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Dr. P. Bhalla M.D.
Director Professor
Dept. of Microbiology
Maulana Azad Medical College
New Delhi-110 002, India

Item sl. no. 24

Specification of Advance Research Microscope for Bright Field, Phase Contrast and Fluorescence with Digital CCD Camera Attachment

It should have:

Magnification - 40x -1000 xs for observation

Optical system - infinity optical system with fly eye lens for uniform illumination

eyepiece tube - trinocular tube with inclination angle of 10-30° alongwith 80:20 light distrubution port for attaching digital camera

eyepiece lens - 10x (2pcs) with both sides diopter adjustment (f.o.v. 25mm) or higher should be anti fungus type.

objective - high na. & long working distance plan fluor objectives

objective	n.a	w.d
cfi plan achromat 4x	n.a. 0.10,	w.d. 30.0 mm
cfi plan fluor dl 10x	n.a. 0.30,	w.d. 15.20 mm, ph1
cfi plan fluor dll 20x	n.a. 0.50,	w.d. 2.10mm, ph1
cfi plan fluor dll 40x	n.a. 0.75,	w.d. 0.66 mm +, ph2 spring loaded
cfi plan fluor dll 100x oil	n.a. 1.30,	w.d.0.20mm, + ph3 spring loaded

nose piece - sextuple nosepiece. to accomadate six objectives

coarse/fine focusing - fine 0.1mm per rotation/coarse 13.8mmper rotation. coarse motion torque adjustable.refocussing stopper should be incorporated.

mechanical stage - super hard ceramic coated surface, stage handle height & tension should be adjustable. low positioned coaxial x(78mm) and y(54mm) motion control on right-hand side with capacity to hold two slide glass at a time.

image capture button - image capture button inbuilt for quick image capturing

condenser - universal condenser

illumination - 12v-100w halogen lamp precentered and prefocused.

fluorescene attachment

- 120/130w mercury-fiber light illuminator with lamp lifetime of 2000 hours for fluorescence and long term observation of the specimens.
- 2000 hours of lifetime for fluorecence and long term observation of the specimens.
- should hold six fluorecence filter blocks in rotating turret with in-built noise terminator mechanism which prevents stray light from the reflector from entering the optical path, resultinhigher contrast & event blacker background. apterture & field diaphragm centable.

filter blocks: - dapi (blue), fitc (green) &tritic (red).

Page ① & ②

Jal Kumar

Digital High Resolution CCD Camera:-

- Digital camera capable of handling brightfield, fluorescence, DIC, darkfield images
- Should with 2/3" high density CCD chip, at least. 5 million pixel resolutions.
- Peltier cooling -20 deg below ambient.
- Live display mode: (4.4 frames/sec.; 23 frame per / sec. With roi & binning) ; binning modes : 2x2, 4x4, digital zoom : up to 16x (8 steps), Software should be comes along with camera for acquiring & capturing of images.
- Should have separate modes for different microscopy techniques i.e. Brightfield, fluorescence, dic, darkfield images.
- Fire wire port for attaching camera onto desktop/laptop through single wire.

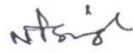
Software should be with following features:

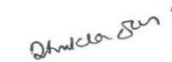
- Acquisition and device control through four-dimensional acquisition.
- Image Acquisition,
- Time Lapse Imaging,
- Z-Stack, Multi-channel Fluorescence, Annotation,
- 2D / 3D View, ND Viewer,
- Filter,
- Morphology, Large Image,
- Macro,
- Segmentation,
- Auto-measurement,
- Report Generator facility,
- Data Base, Vector layer & Multi-Dimensional File Format (ND format)

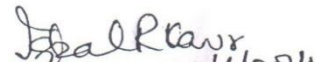
MICROSCOPE, CAMERA AND SOFTWARE SHOULD BE FROM ONE SOURCE FOR BETTER COMPATIBILITY AND UPGRADTION.

Data Collection and processing unit: Suitable PC, monitor, printer with latest operating system and UPS for both microscope and computer.

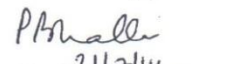
- FDA / European CE certificate to be provided.
- Warranty as per tender document


(Sr. Faculty)


(Sr. Faculty)


24/6/2014
(Head of Department)

Specifications approved


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Page 2 & 2

Item sl. no. 25

Specification of Dark Field Microscope with Digital CCD Camera Attachment

MAGNIFICATION	40X -1000X FOR OBSERVATION.																		
OPTICAL SYSTEM	INFINITY OPTICAL SYSTEM.																		
EYEPIECE TUBE	SIEDENTOPF DESIGN SUPER WIDE FIELD TRINOCULAR TUBE, SHOULD BE INCLINED AT 25 DEGREE ANGLE WITH F.O.V. 25MM OR HIGHER. SHOULD BE ANTI-FUNGUS TYPE.																		
EYEPIECE LENS	10X (2PCS) WITH BOTH SIDES DIOPTER ADJUSTMENT (F.O.V. 25MM) OR HIGHER SHOULD BE ANTI FUNGUS TYPE.																		
OBJECTIVE	HIGH NA. & LONG WORKING DISTANCE OBJECTIVE WITH 25MM DIAMETER																		
	<table border="0"> <thead> <tr> <th><u>OBJECTIVE</u></th> <th><u>N.A</u></th> <th><u>W.D</u></th> </tr> </thead> <tbody> <tr> <td>PLAN ACHRO 4X</td> <td>0.10MM</td> <td>30.00MM</td> </tr> <tr> <td>PLAN ACHRO10X</td> <td>0.25MM</td> <td>7.00MM</td> </tr> <tr> <td>PLAN ACHRO 20X</td> <td>0.40MM</td> <td>1.2MM</td> </tr> <tr> <td>PLAN ACHRO 40X</td> <td>0.65MM</td> <td>0.57MM, SPRING-LOADED</td> </tr> <tr> <td>ACHRO 100X OIL</td> <td>0.5-1.25MM</td> <td>0.23MM SPRING-LOADED WITH IRIS</td> </tr> </tbody> </table>	<u>OBJECTIVE</u>	<u>N.A</u>	<u>W.D</u>	PLAN ACHRO 4X	0.10MM	30.00MM	PLAN ACHRO10X	0.25MM	7.00MM	PLAN ACHRO 20X	0.40MM	1.2MM	PLAN ACHRO 40X	0.65MM	0.57MM, SPRING-LOADED	ACHRO 100X OIL	0.5-1.25MM	0.23MM SPRING-LOADED WITH IRIS
<u>OBJECTIVE</u>	<u>N.A</u>	<u>W.D</u>																	
PLAN ACHRO 4X	0.10MM	30.00MM																	
PLAN ACHRO10X	0.25MM	7.00MM																	
PLAN ACHRO 20X	0.40MM	1.2MM																	
PLAN ACHRO 40X	0.65MM	0.57MM, SPRING-LOADED																	
ACHRO 100X OIL	0.5-1.25MM	0.23MM SPRING-LOADED WITH IRIS																	
NOSE PIECE	SEXTUPLE NOSEPIECE. TO ACCOMADATE MORE OBJECTIVES																		
COARSE/FINE FOCUSING	FINE 0.1MM PER ROTATION/COARSE 13.8MM PER ROTATION. COARSE MOTION TORQUE ADJUSTABLE. REFOCUSING STOPPER SHOULD BE INCORPORATED.																		
STAGE	SUPER HARD CERAMIC COATED SURFACE, STAY IN POSITION STAGE HANDLE, 78MM X 54MM CROSS TRAVEL RANGE USING LOW POSITIONED COAXIAL X AND Y MOTION CONTROL ON RIGHTHAND SIDE WITH CAPACITY TO HOLD TWO SLIDE GLASS AT A TIME.																		
CONDENSER	ABBE & DARKFIELD CONDENSER (10X-100X)																		
ILLUMINATION	HIGH PERFORMANCE LED ILLUMINATION WITH UNIFORM ILLUMINATION AND LIFE TIME OF ATLEAST 50,000 HRS																		

DIGITAL CCD CAMERA SYSTEM :

- Digital color CCD camera capable of handling bright field, fluorescence, dark field images
- 2/3" high density CCD chip, at least 5.0 million pixel resolution or better.
- Live display mode: (5m interlace mode – 4.4 frames/sec.; 37 frame per / sec. With roi & binning).

Software should be supplied with the following features:

- Acquisition and device control through three-dimensional acquisition.
- Image Acquisition,
- Time Lapse Imaging,
- Z-Stack, Multi-channel Fluorescence, Annotation,
- 2D / 3D View, ND Viewer,
- Filter,
- Morphology, Large Image,
- Macro,
- Segmentation,
- Auto-measurement,

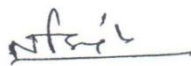
Isabell Kaur


- Report Generator facility,
- Data Base, Vector layer & Multi-Dimensional File Format (ND format)
- FDA / European CE certificate to be provided.
- Software should be able to provide for acquiring, basic annotation & capturing of images.
- FIRE-WIRE port for attaching camera onto desktop/laptop through single wire.

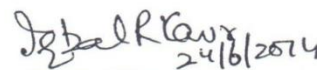
NOTE: MICROSCOPE & CAMERA SHOULD BE FROM ONE MANUFACTURER FOR BETTER COMPATIBILITY & UPGRADIBILITY

Data Collection and processing unit: Suitable PC, monitor, printer with latest operating system and UPS for both microscope and computer.

- FDA / European CE certificate to be provided.
- Warranty as per tender document


(Sr. Faculty)

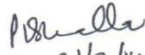

(Sr. Faculty)


(Head of Department)



Dr. IQBAL RAJINDER KAUR
Prof. & Head
Deptt. of Microbiology
UCMS & GTB Hospital, Delhi-92

Specifications approved


31/7/14

Dr. P. Bhalla M.D.
Director Professor
Dept. of Microbiology
Maulana Azad Medical College
New Delhi-110 002, India

Item sl. no. 26

Fully automated immune-hematology workstation

General specifications

- Fully automated micro-preprocessor controlled.
- immune-hematology workstation capable of performing
- ABO Blood grouping
- Rh Blood Grouping
- Red Cell Antibody Screening
- Extended phenotyping,
- Crossmatching,
- antibody screening/antibody identification,
- DAT/IAT based on
- Column Agglutination Technology.

Technical specifications

- Start Sample capacity should be up to 100 samples .
 - Capable of blood grouping and antibody screening of at least 100 samples/ hour
 - Facility for Stat function (priority sample) should be present for type and screen
 - Continuous loading of samples and reagents
 - The system should have provision for Bar-coding
 - Should have bi-directional interfacing with laboratory information system/ HIMS
 - Should have password protected level of access
 - In process control/activity logging
 - Verification of reagent lot no/expiry
 - Integrated quality control management
 - Liquid level detection
 - Clot detection
 - Positive sample and reagent identification
 - Archiving of results for more than 10,000 result
-
- Free installation and training of staff on site
 - UPS power supply for a period of 30 minutes
 - Should have CEA/ FDA/ISO/IVD approval
 - Should work on 220 Volts and 50Hz

Satish
Dr. SAITEJ S SHARMA, M.D.
Professor
Hematology Department of Pathology
University College of Medical Sciences &
GTB Hospital, Dilshad Garden, Delhi-110095

Pegee
PRIYANVA
Asstt. Professor (Pathology)
M.D. (M.P.H.), G.I.S. Hospital
Dilshad Garden, Delhi-110095

Preetinder
DR. NEELAM SOOD
Consultant (Pathologist)
Head of Department
Pathology & Lab Medicine

Item sl. no. 27


Aphaeresis Machine (Cell Separator.)


Technical:


1. Single Arm single Needle operation. Using plasma recirculation technique for carrying out Aphaeresis procedure for Platelet/ Plasma/Granulocytes/ stem cell separation.
2. Facility for plasma exchange with hematocrit adjustment and therapeutic aphaeresis
3. Built in automated protocols for at least the below procedures,
 - Leukoreduced Plasma Collection (single or double unit)
 - Single or double unit RBC collection
 - Leuko-reduced platelet collection (single or double)
 - Granulocyte collection
 - Stem cell separation with efficiency Of \geq 65% of CD 34 cells.
4. Automatic Pump Loading & Priming of disposables sets.
5. Automated Self test to ensure maximum Donor Safety.
6. Built in Leuko reduction ($<5 \times 10^6$) for Platelets & Plasma using patented technology, NOT based on leuko-adsorption filter.
7. Automatic Leukoreduction validation of platelets and plasma at the end of procedure.
8. Adjustable product concentration.
9. End of procedure summary screen showing Donor post Counts
10. Safety checks to prevent Platelets count and hematocrit dropping below safety level for Donor.
11. Configurable maximum volume depletion levels either by weight or percentage of Total Blood Volume.
12. Configurable Product Volume, HCT & Platelet Concentration.
13. Extracorporeal volume less than 250 ml.
14. Built in Access & Return Pressure sensor.
15. Built in air detectors to prevent air embolism.
16. Built in ACD Detector.
17. Built in contamination monitor for monitoring & preventing RBC contaminations in platelet and plasma collection.
18. Audio visual alarms.
19. Built-in Color Graphic LCD Screen

Others:


1. Periodic Instrument Calibration certificate for the various
2. parameters and QC of the products should be provided/maintained by the vendor
3. European CE or US-FDA approved.


Dr. SATENDRA SHARMA, M.D.
Professor
Haematology, Department of Pathology
University College of Medical Sciences &
CTB Hospital, Darya Ganj, Delhi 110021


Dr. PRIYANKA
M.D., Professor
Liaison Hematology
District Hospital, Delhi 110021



Dr. NEELAM SOOD
Consultant (Pathologist)
Head of Department
Pathology & Lab. Medicine

4. Additional accessories to be provided
 - a. 30 disposables kits should be provided with equipment
 - b. Blood Donor Couch (electrically operated)-01.
 - c. All consumables required for installation and Standardization of system to be given free of cost.
1. Literature of specification details for design, installation, Operation and performance. The make, rating, model, Description, specifications, price quantity of each item should be furnished separately. Performance, efficiency, other factors as applicable should be furnished.
2. Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer and Suitable UPS with maintenance free batteries for minimum one-hour back-up for should be supplied with the system.
3. Warranty for 5 years and CMC for 5 years with spare parts availability.
4. Necessary catalogues, technical write up in English, should be attached with the offer both in hard and electronic copies.
5. Should provide electronic and hard copies of User Manual (English), Service manual (English).
6. Should provide a toolkit for providing routine Preventive Maintenance as per manufacturer documentation in Service/technical manual.
7. Should provide Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist.
8. The job description of the hospital technician and company service engineer should be clearly spelt out.


DR. SATENDRA SHARMA, M.D.
Professor
Hematology, Department of Pathology
University College of Medical Sciences &
GTB Hospital, Dilshad Garden, Delhi-110095

PROCESSED
10/12/2014
10:30 AM




DR. NEELAM GOOB
Consultant (Pathologist)
Head of Department
Pathology & Lab. Medicine
DDUH, Dewa

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

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

2. After Sales Service:

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

3. Training:

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

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

- a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) and Turnkey (if any). The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period
- b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- c) Cost of CMC will be added for Ranking/Evaluation purpose. The same will be taken at Net Present Value with a 10% discounting factor each year.
- d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 2.5 % of the cost of the equipment as per Section XV valid till 2 months after expiry of entire CMC period.
- e) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- f) During CMC period, the supplier is required to visit at each consignee's site at least once in **3 months** commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- g) All software updates should be provided free of cost during CMC.
- h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
- i) The payment of CMC will be made as stipulated in GCC Clause 21.

Turnkey:

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

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

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

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

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

Note 3: Supplier should provide adequate training of personnel and supply only non-locked open software and standard interface interoperability conditions for networked equipment in hospital management information system (HMIS)

Note 4: Training shall be given to the doctors, nurses, operators with proper training material, adequate operating manual & preliminary troubleshooting.

Section – VIII

Quality Control Requirements

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

Tender Reference No.

Date of opening

Time

Name and address of the Tenderer:

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

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

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

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

Signature and seal of the Tenderer

Section – IX

Qualification Criteria

1. The tenderer must be a manufacturer. In case the manufacturer does not quote directly, they may authorize their authorized agent as per proforma of Manufacturer authorization form as given in the tender enquiry document to quote and enter into a contractual obligation.
2. (a) The Manufacturer should have supplied and installed in last **Five** years from the date of Tender Opening, **at least 100% of the quoted quantity** of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily. (For equipment which are consumable in nature, as identified in the list of requirement, proof of delivery/acceptance by consignee/purchaser shall also be considered acceptable)
2. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 2 (a) should have executed **at least one contract in the last five years** from the date of tender opening for similar equipment **of the same manufacturer**, meeting major parameters of technical specification which is functioning satisfactorily, anywhere in India.

Note:

1. The tenderer shall give an affidavit as per Section XIX of TE document
2. In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma 'A'.

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

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

PROFORMA 'A'
PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last five years)

Tender Reference No. : _____

Date of opening : _____

Time : _____

Name and address of the Tenderer : _____

Name and address of the manufacturer : _____

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

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

Signature and seal of the Tenderer

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

Section – X
TENDER FORM

Date _____

To

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

Ref. Your TE document No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (*if any*), the receipt of which is hereby confirmed. We now offer to supply and deliver _____ (*Description of goods and services*) in conformity with your above referred document for the sum mentioned in the price bid uploaded online, made part of this tender.

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

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

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

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

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

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

(Signature with date)

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

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

1	2	3	4	5							6
SI.No.	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)							Total Price (at Consignee Site) basis (Rs.) 4 x 5(g)
				Ex - factory/ Ex - warehouse /Ex-showroom /Off - the shelf (a)	Packing and Forwarding charges (b)	Excise Duty (if any) [%age & value] (c)	Sales Tax/ VAT(if any) [%age & value] (d)	Inland Transportation, Insurance for a period including 3 months beyond date of delivery, loading/ unloading and Incidental costs till consignee's site (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (f)	Unit Price (at Consignee Site) basis (g) =a+b+c+d+e+f	

Total Tender price in Rupees: _____

In words: _____

Note: -

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

Name _____

Business Address _____

Place: _____

Signature of Tenderer _____

Date: _____

Seal of the Tenderer _____

B) PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5					6
SI.No.	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Currency)					Total price on CIP Named Port of Destination + Insurance (local transportation and storage) 4X 5 (e)
				FOB price at port/ airport of Lading (a)	Freight & Insurance (port of loading to port of entry) and other Incidental costs (b)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (c)	Extended Insurance (local transportation and storage) from port of entry to the consignee site for a period including 3 months beyond date of delivery** (d)	Unit Price on CIP Named Port of Destination + Extended Insurance (local transportation and storage) (e) = a+b+c+d	

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

Total Tender price in foreign currency: _____

In words: _____

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
3. The Tenderer will be fully responsible for the safe arrival of the goods at the named port of entry in good condition as per terms of CIP as per INCOTERMS, if applicable
4. Custom duty @ 11.76% and 2% C & F charges will be added to the CIP price to arrive at the DDP price for evaluation purpose.

Indian Agent:

Indian Agency Commission (included in FOB price)- ____ % of FOB

Signature of Tenderer _____

Place: _____

Date: _____

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

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

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

* After completion of Warranty period

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC offered will be added (at a discounted rate of 10% per year)for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98% on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place: _____

Date: _____

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

D)PRICE SCHEDULE FOR TURNKEY

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 _____

Signature of Tenderer _____

Seal of the Tenderer _____

Place: _____

Date: _____

**SECTION – XII
QUESTIONNAIRE**

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

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

SECTION – XIII

BANK GUARANTEE FORM FOR EMD

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

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

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

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

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

.....
Name and designation of the officer

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

SECTION – XIV

MANUFACTURER’S AUTHORISATION FORM

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

Dear Sir,

Ref: Your TE document No _____ dated _____

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

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

(please provide reason here).

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

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

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

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

Yours faithfully,

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

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

SECTION – XV

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC SECURITY

The Dean/ Director/ Medical Superintendent
(in the name of concerned Institution with its address)

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

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

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

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

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

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

This guarantee shall be valid up to 66 (sixty six) months from the date of Notification of Award i.e. up to ----- (indicate date)

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

.....
Name and designation of the officer

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

SECTION – XVI

CONTRACT FORM - A

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

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

Contract No _____ dated _____

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

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

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

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

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

- (i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

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

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

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

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

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

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

Received and accepted this contract

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

For and on behalf of _____

(Name and address of the supplier)

(Seal of the supplier)

Date: _____

Place: _____

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

Annual CM Contract No. _____ dated _____
Between _____

(Address of Head of Hospital)
And _____

(Name & Address of the Supplier)

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

In continuation to the above referred contract

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

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

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

- b) The CMC commence from the date of expiry of all obligations under Warranty i.e. from _____ (date of expiry of Warranty) and will expire on _____ (date of expiry of CMC)
- c) The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, _____ & _____) and Turnkey (if any).
- d) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- e) During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 3 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- f) All software updates should be provided free of cost during CMC.
- g) The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. _____ [(fill amount) equivalent to 2.5% of the cost of the equipment as per contract] shall be furnished in the prescribed format given in

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

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

(Signature, name and address
ofHospitalauthorised official)

For and on behalf of _____

Received and accepted this contract

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

For and on behalf of _____

(Name and address of the supplier)

(Seal of the supplier)

Date: _____

Place: _____

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

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

- 1) Contract No. & date : _____
- 2) Supplier’s Name : _____
- 3) Consignee’s Name & Address with
telephone No. & Fax No. : _____
- 4) Name of the item supplied : _____
- 5) Quantity Supplied : _____
- 6) Date of Receipt by the Consignee : _____
- 7) Name and designation of Authorized
Representative of Consignee : _____
- 8) Signature of Authorized
Representative of Consignee with
date : _____
- 9) Counter Signed by Director/MS/Dean
of the concerned Hospital/Institute : _____
- 10) Seal of the Consignee : _____

SECTION – XVIII
Proforma of Final Acceptance Certificate by the Consignee

No _____

Date _____

To

M/s _____

Subject: Certificate of commissioning of equipment/plant.

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

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

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

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

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

The supplier has fulfilled its contractual obligations satisfactorily ## or

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

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

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

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

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

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

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

(Signature)

(Name)

(Designation with stamp)

(Counter Signed by Director/MS/Dean of the concerned Hospital/Institute)

Explanatory notes for filling up the certificate:

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

SECTION – XIX

AFFIDAVIT/UNDERTAKING

I/ We have read and understood the instructions and the terms and conditions contained in the document. I/We accordingly accept all terms and conditions of the tender enquiry document including the essential conditions specially incorporated in the tender enquiry like terms of terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law. I/ We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities. I/ We do hereby declare that the information furnished/ uploaded is correct to the best of my/our knowledge and belief.I/ We hereby certify thatthe prices offered by us in this tender is not higher than the prices we had offered to any other Govt. of India Organisation(s)/PSU(s) during the last one year and shall provide the justification for reasonableness of our offered price whenever asked during evaluation of our submitted bid. I/ We also hereby certify that if at any time, information furnished by us is proved to be false or incorrect; I/ We are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.

Date:

(Signature of the bidder)

NAME & ADDRESS OF THE BIDDER

NOTE: To be submitted on non-judicial stamp paper of Rs. 10/- duly certified by Public Notary

Section – XX**CHECKLIST**

Sl No.	Description
1. a.	Have you enclosed EMD of required amount for the quoted schedules?
b.	In case EMD is furnished in the form of Bank Guarantee, has it been furnished as per Section XIII?
c.	In case Bank Guarantee is furnished, have you kept its validity of 165 days from Techno Commercial Tender Opening date as per clause 19 of GIT?
2.	Have you enclosed duly filled Tender Form as per format in Section X?
3.	Are you a SSI unit, if yes have you enclosed certificate of registration issued by Directorate of Industries/NSIC
4. a.	Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications?
b.	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?
5. a.	Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all orders?
b.	Have you submitted copy of the order(s) and end user certificate?
6.	Have you submitted manufacturer's authorization as per Section XIV?
7.	Have you submitted prices of goods, turnkey (if any), CMC etc. in the Price Schedule as per Section XI?
8.	Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?
9. a.	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?
b.	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?
10.	Have you intimated the name and full address of your Banker (s) along with your Account Number
11.	Have you fully accepted payment terms as per TE document?
12.	Have you fully accepted delivery period as per TE document?
13.	Have you submitted the certificate of incorporation?

SI No.	Description
14.	Have you accepted the warranty and CMC as per TE document?
15.	Have you accepted terms and conditions of TE document?
16.	Have you furnished documents establishing your eligibility & qualification criteria as per TE documents?
17	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three completed financial years prior to the date of Tender opening?
18	Have you enclosed the Affidavit as per Section XIX of the TE document?

N.B.

- (i) The Tenderer may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender.
- (ii) It is the responsibility of tendered to go through the TE document to ensure furnishing all required documents in addition to above, if any.

**Section – XXI
Consignee**

Consignee Code	Medical Institutions	Address.	AirPort	Dry Port
GTBH	Guru Teg Bahadur Hospital	The Medical Superintendent Guru Teg Bahadur Hospital Dilshad Garden New Delhi - 110095 Phone - 011 22586262	New Delhi	Tughlakabad, New Delhi

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