

TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF MEDICAL EQUIPMENT

FOR

**KALPANA CHAWLA GOVT. MEDICAL
COLLEGE, KARNAL**

Tender Enquiry No.:
HSCC/KCGMC/Medical Equipment/2016-17/MC-02
Dated 20/02/2017

BY



HSCC (INDIA) LTD

(A GOVERNMENT OF INDIA ENTERPRISE)
Plot No. 6-A, Block-E, Sector-1, NOIDA (U.P.) - 201 301
PHONE: 0120-2540153
FAX: 0120-2542447
URL: www.hsccltd.com

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**KALPANA CHAWLA GOVT. MEDICAL COLLEGE,
KARNAL, HARYANA
GOVT OF HARYANA**

NOTICE INVITING TENDERS (NIT) - On E-TENDER BASIS

Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2016-17/MC-02 Dated 20/02/2017

Director General, Medical Education & Research, Panchkula, Govt. of Haryana through its consultant HSCC (India) Ltd. invites **On-line bids** from eligible bidders, in single stage two bid system for Supply, Installation, Testing, Commissioning & Handing-over of various **Medical Equipments for Kalpana Chawla Govt. Medical College, Karnal, Haryana:**

S. No.	Tender Ref No.	Available to download from
1	Medical Equipment for Department of Physiology, Pharmacology, Biochemistry, Pathology, Microbiology , Forensic Medicine and Hospital Items	20.02.17

For submission and other details please refer HSCC e-tender portal www.tenderwizard.com/HSCC.

All Prospective bidders are advised to regularly scan through HSCC E-tender portal www.tenderwizard.com/HSCC, www.eprocure.gov.in, www.hsccltd.co.in as corrigendum/modification/amendments etc, if any, will be notified on this portal only and no separate advertisement will be made for this.

**CHIEF GENERAL MANAGER , HSCC (I) Ltd.
For & on behalf of DGMER, Panchkula.**

SECTION- I

NOTICE INVITING TENDERS (NIT)

KALPANA CHAWLA GOVT. MEDICAL COLLEGE, KARNAL, HARYANA
GOVT OF HARYANA

Through

HSCC (INDIA) LTD

(A GOVERNMENT OF INDIA ENTERPRISE)

Plot No. 6-A, Block-E, Sector-1, NOIDA (U.P.) – 201 301

PHONE: 0120-2540153

FAX: 0120-2542447

URL: www.hsccltd.co.in

Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2016-17/MC-02 Dated 20/02/2017

NOTICE INVITING TENDERS (NIT) - DETAILED - On E-TENDER BASIS

HSCC (India) Ltd. for and on behalf of Director General, Medical Education & Research, Panchkula, Govt. of Haryana invites **On-line bids** from eligible bidders, in single stage two bid system for Supply, Installation, Testing, Commissioning & Handing-over of various **Medical Equipments for Kalpana Chawla Govt. Medical College, Karnal, Haryana:**

I. Department of Physiology, KCGMC, Karnal

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
	A. HUMAN AND OTHER EXPERIMENTS		
1	PERIMETER	20	30,000.00
2	GAS ANALYSIS APPRATUS - HALDANES STUDENT TYPE	1	50,000.00
3	GAS ANALYSER AUTOMATIC FOR CO2, O2	1	50,000.00
	B. AMPHIBIAN AND MAMMALIAN EXPERIMENTS		
4	GLASSWARE(BOROSIL MAKE)	Various Qty	25,000.00

5	RECORDING DRUM (KYMAGRAPH)	50	15,000.00
6	POLYGRAPH FOUR CHANNEL	2	75,000.00
C. EQUIPMENT FOR RESEARCH LAB			
7	EXERCISE TEST SYSTEM	1	60,000.00
8	COGNITIVE FUNCTION TESTING SYSTEM	1	20,000.00
9	DIGITAL EMG, NERVE CONDUCTION & EVOKED POTENTIALS MACHINE	1	40,000.00
10	COMPUTERISED AUTONOMIC FUNCTION TESTING SYSTEM	1	1,40,000.00

II) Department of Pharmacology, KCGMC, Karnal

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Starling's Long Extension kymographs with time markers	3	15,000.00
2	Spectrophotometer Model Du-Bachman (UV visible range)	1	10,000.00
3	Physiographs - Single channel	40	40,000.00

III) Department of BIOCHEMISTRY, KCGMC, Karnal

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Colorimeter	6	30,000.00
2	Spectrophotometer	1	10,000.00
3	Glassware (Sl No.01- 53)	Various Qty	25,000.00

IV. DEPARTMENT OF PATHOLOGY

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Semi Motorized Rotary Microtomes	2	3,40,000.00
2	Freezing Microtome with a stand for CO ₂ Cylinder (Cryomicrotome)	1	40,000.00
3	Tissue embedding station	2	32,000.00
4	Automatic Tissue Processor, Histokinette	1	60,000.00

5	Troughs for staining in Bulk	12	1,20,000.00
6	GROSSING STATION	1	40,000.00
7	AUTOMATED ESR ANALYSER	1	10,000.00
8	SEMI-AUTOMATED BENCH TOP COAGULATION ANALYZER	1	5,000.00
9	CYTO CENTRIFUGE	1	16,000.00
10	Automated High End Blood Cell Counter	1	50,000.00
11	Glassware	Various Qty	25,000.00

V. DEPARTMENT OF MICROBIOLOGY

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	LAMINAR AIR FLOW	5	15,000.00
2	ELISA READER AND WASHER	3	24,000.00
3	BIOSAFETY CABINET CLASS A2	3	9,000.00
4	AUTOMATED BACTERIAL INCLUDING MYCOBACTERIAL CULTURING SYSTEM	1	80,000.00
5	AUTOMATED IDENTIFICATION & ANTIBIOTIC SUSCEPTIBILITY SYSTEM	1	48,000.00

VI. DEPARTMENT OF FORENSIC MEDICINE ITEMS

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Autopsy saw, with accessories	3	24,000.00
2	Automatic tissue processing machine	1	24,000.00

VII. HOSPITAL ITEMS

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
X-Ray View Box			
1	Single Screen	75	62,400.00
2	Double Screen	75	
3	Four Screen	25	

1. The bidders are required to be registered at HSCC e-tender portal www.tenderwizard.com/HSCC. Please log on to www.tenderwizard.com/HSCC only for downloading bid document and for participation through **E-tendering basis**. For submission and other details please refer HSCC e-tender portal www.tenderwizard.com/HSCC. Bidders may also visit www.kcgmckarnal.org for viewing the Tender Document only. For submission of the bids, the bidders are required to have Digital Signature Certificate (DSC) from the authorized Certifying Authorities.

Complete set of Bid Documents have been made available at E-Tender portal www.tenderwizard.com/HSCC, www.eprocure.gov.in, www.hsccltd.com (URL: www.hsccltd.co.in) for downloading from **20.02.2017 to 10.03.2017 (upto 14.00 hrs.)**. Prospective bidders are advised to regularly visit / scan through HSCC E-tender portal www.tenderwizard.com/HSCC, as corrigendum/modification/amendments etc, if any, shall only be notified on this portal and no separate advertisement / correspondences shall be made for this.

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	20.02.2016 to 10.03.2017 (upto 14.00 hrs.).
ii.	Bid Document can be downloaded from	www.tenderwizard.com/HSCC , www.eprocure.gov.in , www.hsccltd.com
iii.	Cost of the Tender Enquiry Document	INR 5, 000/-
iv.	Pre Tender Meeting Date & Time	28.02.2017 , 12:00 hrs. IST
v.	Pre Tender Meeting Venue	HSCC (India) Ltd, Plot No. 6-A, Block-E, Sector-1, Noida (U.P)-201301
vi.	Closing date & time for receipt of Tender	10.03.2017 , 14:30 hrs IST
vii.	Time and date of opening of Techno - Commercial tenders	10.03.2017 , 15:00 hrs IST
viii.	Venue of Opening of Techno Commercial Tender	Same as (v)

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 HSCC (India) Ltd. Office at Noida, payable at Noida/Delhi and deposit it. 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, all the necessary documents and in physical form (with respect to few documents as mentioned in the SIT) in parts/covers as mentioned below:

A. In Original Offline & Copy Online (In separate Envelope : Part-I)

- (i) Tender Fee and EMD.
- (ii) Affidavit as per Section XIX.

B. Online (Part-II)

- (i) Tender Fee and EMD.
- (ii) Power of Attorney.
- (iii) Tender Form as per section X.
- (iv) Manufacturers Authorization Form.
- (v) Affidavit as per Section XIX.
- (vi) Proforma A.
- (vii) Performance statement along with required PO copies and its corresponding end user's satisfactory performance certificate as per section IX.
- (viii) Name, address and details of account with respect to bidder and/or beneficiary of L/C. Copy of PAN. Certificate of Incorporation/Declaration being a proprietary firm.

- (ix) Audited Annual report of last 3 completed financial years (Balance sheet and Profit & Loss Account). Certificate of Regn. Issued by Directorate of Industries/NSIC, if SSI unit.
- (x) Quality Control Requirements as per Section VIII
- (xi) Technical compliance for the quoted goods vis-à-vis the Technical specifications with all related brochures/catalogues in the tender enquiry

C. Price Bid (Only online).

- (i) Price Schedule.
 - (ii) CMC Price Schedule.
 - (iii) Turnkey Price Schedule
4. All prospective tenderers may attend the Pre Tender meeting. For all the above tender IDs, Pre-bid meeting shall be held at the address as mentioned above.
 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.
 6. Complete set of Bid Documents has been made available at E-Tender portal www.tenderwizard.com/HSCC, www.hsccltd.com, www.eprocure.gov.in for downloading. The cost the Tender Enquiry Document is **INR 5000/ which is payable in the form of Cash/Demand Draft** drawn on a scheduled bank in India in favour of **HSCC (India) Ltd.** payable at Delhi/Noida. Tenderer may download the tender enquiry documents from the website and submit its tender online after logging in to their user ID. The bidders are required to be registered at HSCC e-tender portal www.tenderwizard.com/HSCC. Please log on to www.tenderwizard.com/HSCC only for uploading its tender on-line for participation through **E-Tendering basis**. For submission and other details, please refer HSCC e-tender portal www.tenderwizard.com/HSCC. Micro and small scale enterprises (MSEs) are exempted from Bid Document fee, The MSEs fulfilling the prescribed eligibility criteria and participating in the tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir board or National Small Industries Corporation or any other body specified by Ministry of Micro and Small enterprises in support of their being on MSE, failing which their tender will be liable to be ignored. **The support document must be submitted offline in hard copy before the due date of submission in Part -1**
 7. Purchaser/HSCC reserves the right to accept or reject part or fully the Tender without assigning any reasons.
 8. 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 HSCC (India) Ltd., E-6A, Sector-1, Noida, U.P.-201301 on or before the closing date and time indicated above, failing which the tenders will be treated as late and rejected.
 9. 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. Bidders are requested to regularly visit

website www.tenderwizard.com/HSCC, www.eprocure.gov.in & www.hsccltd.com for corrigendum/ amendments/ reply to pre-bid queries etc., if any, as there shall be no separate advertisement / correspondence for the same.

**CHIEF GENERAL MANAGER, HSCC (I) Ltd.
For & on behalf of DGMER, Panchkula.**

SECTION - II

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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 the organization purchasing goods and services as incorporated in the Tender Enquiry document, i.e. DGMER, Govt. Of Haryana.
- (ii) "Tender" means Bids / Quotation / Tender received from a Firm / Tenderer / Bidder.
- (iii) "Tenderer/Supplier" means Bidder/ the Individual or Firm submitting Bids / Quotation / Tender supplying the goods and services as incorporated in the contract.
- (iv) "Goods" means the instruments, machinery, equipment, medical equipment, 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 Director, Kalpana Chawla Govt. Medical College, Karnal/or his authorised 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" authorised 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.
- (xiii) "HSCC" shall mean HSCC (I) Ltd. having its corporate office at E-6(A), Sector-I, NOIDA-201301 appointed by DGMER, Panchkula as a Consultant for the Project.
- (xiv) "HPHC" (Haryana Police Housing Corporation) having its office at C-10, Sector 6, Panchkula, Haryana shall mean the third consultant appointed by client for various quantity & quality control as well as supervision of the Project on behalf of client to safeguard the interests of the client in respect of the Project.

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) "CMC" means Comprehensive maintenance Contract (labour, spare and preventive maintenance)
- (xxxi) "RT" means Re-Tender.

2. Introduction

- 2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – VI – "List of Requirements", which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.
- 2.2 This section (Section II - "General Instruction Tenderers") provides the relevant information as well as instructions to assist the prospective tenderers in preparation and submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.
- 2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same

accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.

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

3. Availability of Funds

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

4. Language of Tender

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

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

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

7. Tendering Expense

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

B. TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

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

- Section II – General Instructions to Tenderers (GIT)
- Section III – Special Instructions to Tenderers (SIT)

- Section IV – General Conditions of Contract (GCC)
- Section V – Special Conditions of Contract (SCC)
- Section VI – List of Requirements
- Section VII – Technical Specifications
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- 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
- Section XXI – Consignee

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 website 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 due date of pre-bid meeting. No queries will be entertained later on. The purchaser will respond in writing to such request as per the schedule.

C. PREPARATION OF TENDERS

11. Documents Comprising the Tender

11.1 The bids shall be submitted online and in physical form in three parts/covers as mentioned below:

(i) Tender Fee, EMD,(In original offline and copy online) as Part -I

(ii) Technical Bid along with Pre-qualification as per Tender Terms and referred in checklist at section XX and as mentioned in para A below (Online)

(iii) Price Bid (Only online).

Tenderers are requested not to submit the hard copy of Price Bid along with the physical form of tender. In case the hard copy of price 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 (without indicating any prices).
- iii) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.
- iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorisation Form.
- v) Power of Attorney in favour of signatory of TE documents.
- vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
- vii) Performance Statement as per section IX along with relevant copies of orders and end users' satisfaction certificate/Installation Reports.
- viii) Certificate of Incorporation in the country of origin.

B) Price Tender:

1. Prices are to be quoted in the attached Price Bid format online as per the directions 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 warrantee that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages
- 11.3 A tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.
- 11.4 Tender sent by fax/telex/cable/electronically shall be ignored.

12. Tender currencies

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

13 Tender Prices

- 13.1 The Tenderer shall indicate on the Price Schedule provided under Section XI all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required. If any column does not apply to a tenderer, same should be clarified as "NA" by the tenderer.
- 13.2 If there is more than one schedule in the List of Requirements, the tenderer has the option to submit its quotation for any one or more schedules and, also, to offer special discount for combined schedules. However, while quoting for a schedule, the tenderer shall quote for the complete requirement of goods and services as specified in that particular schedule.
- 13.3 The quoted prices for goods offered from within India and that for goods offered from abroad are to be indicated separately in the applicable Price Schedules attached under Section XI. Bidders must quote the prevailing taxes and duties as applicable.
- 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; and
 - f) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

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

- a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;
- b) the price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List;
- c) 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;
- d) the charges for Incidental Services, as in the List of Requirements and Price Schedule;
- e) the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- f) the Total tender price of goods quoted CIP destination basis plus custom duty, custom clearance local transportation , incidental service etc. at consignee site in India as indicated in the List of Requirements, Price Schedule and Consignee List
- g) the price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Duties and Taxes:

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

13.5.2 Excise Duty:

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

13.5.3 Sales Tax:

If a tenderer asks for sales tax/ VAT, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The sales tax / VAT, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax / VAT, Service Tax and Works Contract Tax and is payable as

per the terms of the contract. If any refund of Tax is received at a later date, the Supplier must return the amount forth-with to the purchaser.

13.5.4 Octroi Duty and Local Duties & Taxes:

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

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 reimburse the Customs duty wherever applicable. Supplier shall be responsible for customs clearances of the consignments.

- 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) Copy of the agreement between Indian Agent & their principal detailing the scope of work/services during warranty & after sales periods.

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.

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 11.1 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. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. 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 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 "**HSCC (India) Ltd**" payable at New Delhi/Noida. In case of bank guarantee, the same is to be provided from any commercial bank in India or country of the tenderer as per the format specified under Section XIII in these documents.
- 19.5 The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the tender. As validity period of Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days from Techno – Commercial Tender original 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.

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, however, may not agree to extend its tender validity without forfeiting its EMD.
- 20.3 In case the day up to which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for the purchaser, the tender validity shall automatically be extended up to the next working day.

21. Signing and Sealing of Tender

- 21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11.
- 21.2 The original and other copies of the tender shall either be typed or written in indelible ink and the same shall be signed by the tenderer or by a person(s) who has been duly authorized to bind the tenderer to the contract. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the tender.
- 21.3 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.

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) b) Tender Form as per section X.
 - c) 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 Price 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 HSCC (India) Ltd., E-6A, Sector-1, Noida-201301, ((UP).

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 Purchaser will determine the responsiveness of each Tender to the TE Document without recourse to extrinsic evidence.

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

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

(i) Tender form as per Section X (signed and stamped) not enclosed

(ii) Tender is unsigned.

(iii) Tender validity is shorter than the required period.

(iv) Required EMD (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.

(vii) Goods offered are not meeting the tender enquiry specification.

- (viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.
 - (ix) Poor/ unsatisfactory past performance.
 - (x) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
 - (xi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1.
 - (xii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.
- 27.5 The following are some of the important aspects, for which a tender shall be declared nonresponsive 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.
 - (iii) Required EMD (Amount, validity etc.)/ exemption documents have not been provided.
 - (iv) Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorisation Form as per Section XIV.
 - (v) 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.
 - (vi) 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.
 - (vii) Poor/ unsatisfactory past performance.
 - (viii) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
 - (ix) Tenderer is not eligible as per GIT Clauses 5& 17.1.
 - (x) Tenderer has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.
 - (xi) Tenderer has not agreed for the delivery terms and delivery schedule.

28. Minor Infirmary/Irregularity/Non-Conformity

28.1 If during the preliminary examination, 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 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.

28.2 To assist in the examination, evaluation and comparison of Bids the HSCC/KCGMC may, at its discretion, ask the Bidder for clarification of its Bid. Bidder shall be given only 5 working days to provide the required clarification/ details/documents etc. In case all the required clarification/ details/documents are still not provided the final reminder to the bidder intimating the pending clarification/ details/documents will be given and the bidder shall submit the required clarification/ details/documents within 4 working days. After the final reminder if still the required documents are not submitted, the bid will be evaluated based on the documents submitted by the bidder and the contents of the bid.

29 Discrepancies in Prices

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

30. Discrepancy between original and copies of Tender

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

31. Qualification Criteria

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

32. Conversion of tender currencies to Indian Rupees

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

33. Schedule-wise Evaluation

- 33.1 The tenders will be evaluated and compared separately for each schedule. The tender for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the tender.

34. Comparison of Tenders

- 34.1 Unless mentioned otherwise in Section - III - Special Instructions to Tenderers and Section - VI - List of Requirements, the comparison of the responsive tenders shall be carried out on Delivery on DDP basis at Consignee site basis, inclusive of applicable taxes, duties, incidental services. The quoted turnkey prices and CMC prices will also be added for comparison/ranking purpose for evaluation.

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

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

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

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

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

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

36. Tenderer's capability to perform the contract

36.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is more than one schedule in the List of Requirements, then, such determination will be made separately for each schedule.

36.2 The above-mentioned determination will, interalia, take into account the tenderer's financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the tenderer in its tender as well as such other allied information as deemed appropriate by the purchaser.

37. Contacting the Purchaser

37.1 From the time of submission of tender to the time of awarding the contract, if a tenderer needs to contact the purchaser for any reason relating to this tender enquiry and / or its tender, it should do so only in writing.

37.2 In case a tenderer attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the tenderer shall be liable for rejection in addition to appropriate administrative actions being taken against that tenderer, as deemed fit by the purchaser.

G. AWARD OF CONTRACT

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

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

39. Award Criteria

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

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 fifty (50) per cent, the quantity of goods and services mentioned in the schedule (s) in the "List of Requirements" (rounded of to next whole number) without any change in the unit price and other terms & conditions quoted by the tenderer.

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

Further, Purchaser reserves the rights to delete any of the tendered items without assigning any reason whatsoever. Purchaser as deemed fit, out of the total tendered quantity for the tendered items may place Notification of Award for the quantity as per the requirements and may defer the balance quantity of the item(s) to be supplied later.

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

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

42. Issue of Contract

42.1 Promptly after notification of award, the Purchaser/Consignee will mail the contract form (as per Section XV) 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 any thing of value to influence the action of a public official in the procurement process or in contract execution; and

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

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

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

**SECTION - III
SPECIAL INSTRUCTIONS TO TENDERERS
(SIT)**

Sl. No.	GIT Clause No.	Topic	SIT Provision
A	1 to 7	Preamble	No Change
B	8 to 10	TE documents	No Change
C	11 to 21	Preparation of Tenders	Change in 11.1, 13.2, 15 & 19.4
D	22 to 24	Submission of Tenders	No Change
E	25	Tender Opening	No Change
F	26 to 37	Scrutiny and Evaluation of Tenders	Change in 26.1 & 34.1
G	38 to 46	Award of Contract	No Change

Clause 11.1: Following must also be read in line with Clause 11.1.:

The bidder are requested to submit to the past purchase orders preferably from Central/State Govt./PSU Institution indicating price for verification listed in performance statement to justify the cost quoted by the bidder in line with section-XIX within two days of price bid opening.

Clause 13.2: Following must be read in line with Clause 13.2:

In case any of the Schedule is Techno-Commercially found non-responsive then the discount quoted shall not be taken into consideration for evaluation & ranking for other Schedules.

Clause 13 & 15: Following must be read in line with Clause 13 & 15:

Price quoted shall be Total Lump-sum firm price inclusive of all taxes, duties etc indicated in the Price Schedule for evaluation purpose. However, Clause 13.5.1 to 13.5.5 shall apply for Statutory variation only at the time of delivery.

Clause 19.4: Following must be read in line with Clause 14.9:

All BGs should be addressed to " HSCC I Ltd. E-6(A), Sector-1, Noida".

Clause 26.1: Following must be read in line with Clause 26.1:

Every effort has been taken to put forth general specifications in this bid documents. If inadvertently, any of the specification drawn happens to match with the specifications of any one particular firm's product only, in respect of critical parameters, than it will not automatically mean that this particular firm's offer is only technically suitable. In general, the specifications offered by other firms will be assessed in their own entirety to ascertain whether or not the broad functions in general expected of the equipment are available with reasonable tolerance on the desired requirements of the purchaser and accordingly the offers would be considered based on prudent assessment of the purchaser.

Clause 34.1: Following must be read in line with Clause 34.1:

The Bids shall be evaluated on the total Lump-sum price quoted as per Section XI having 2 years warrantee & 5 Years CMC and Turnkey cost (if applicable). However, payment towards CMC shall be payable by the Purchaser / Consignee directly. Warrantee shall commence from the date successful Commissioning / Final Acceptance of the equipment.

The above Special Instructions to Tenderers shall 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.

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 HSCC (India) 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 HSCC (India) Ltd.
- b) EMD in the prescribed format in favour of HSCC (India) 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 PRICE BID/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 & upload it

It is also requested that bidders may please contact the following officials in case of any Technical difficulties in uploading the Tender:

Sh. Harish – M/s Keonics – Mobile No. 9686115318
Sh. Divyanshu, IT Dept., HSCC – Mobile No. 8587883443
Sh. Parikshit, IT Dept., HSCC – Mobile No. 9971097957

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

4. Country of Origin

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

5. Performance Security

- 5.1 Within fifteen (15) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, initially valid for a period of minimum 24 months (as applicable warranty period of 2 years) 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:
- a) 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 with out any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per Proforma in Section XV, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.
- 5.4 In the event of any amendment issued to the contract, the supplier shall, within twenty-one (21) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.
- 5.5 The supplier shall enter into 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.

For Radiology, the equipment viz. CT Scan, MRI, Digital Radiography, Digital Radio Fluoroscopy, Ultrasound, X-Ray Machines etc. Should be DICOM 3.0 enabled & complied with HL7 (Health Level 7) Standards. DICOM 3.0 provides reliable protocols for integration of image data between imaging, non-imaging modalities, devices & systems.

For Laboratory Equipment, equipment should be ASTM (American Society for Testing & Materials) compliant for integration of System Software with Lab. Records & Database.

Above standards are required for interfacing of equipment with PACS (Picture Archiving & Communication System) & HMIS (Hospital Management & Information System) during the computerization of the Hospital.

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-g 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 pre-dispatch inspections, inspections 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 specified in the contract.

10. Transportation of Goods

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

The supplier shall not arrange part-shipments and/or 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 warehouse to warehouse (consignee site) on all risk basis.

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

12. Spare parts

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

- a) The spare parts as selected by the Purchaser/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and
- b) In case the production of the spare parts is discontinued:
 - i) Sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
 - ii) Immediately following such discontinuation, providing the Purchaser/Consignee, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser/Consignee, Alternatively supplier shall give undertaking to supply all necessary spares of the supplied equipment for next 10 years from the date of the installation of the equipment.

12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods so that the same are supplied to the Purchaser/Consignee promptly on receipt of order from the Purchaser/Consignee.

13. Incidental services

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 (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.
- (viii) Dispatch Clearance 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.
- (xii) Dispatch Clearance Certificate

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 (*except when the design adopted and / or the material used are as per the Purchaser's/Consignee's specifications*) 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 **24 months** from the date of installation & commissioning followed by a **CMC for a period of 5 (Five) Years** for all the equipments **except CT and MRI for which CMC would be for 8 (Eight) years** after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser/CONSIGNEE in terms of the contract, unless specified otherwise in the SCC.
- a. No conditional warranty 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:-
 - X-ray and CT tubes and high-tension cables.
 - Helium replacement
 - Any kind of motor.
 - Plastic & Glass Parts against any manufacturing defects.
 - All kind of sensors including oxygen sensors.
 - All kind of coils, probes and transducers
 - All kind of flat panel sensors and cassettes for DR & CR systems and patients handling trolleys etc
 - Printers and imagers including laser and thermal printers with all parts.
 - UPS including the replacement of batteries.
 - 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 of identical description (i.e. specification and terms as per this tender) supplied to the Purchaser/Consignee.

16. Assignment

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

17. Sub Contracts

- 17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.
- 17.2 Sub contract shall be only for bought out items and sub-assemblies.
- 17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").

18. Modification of contract

- 18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:
- a) Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specially manufactured for the purchaser,
 - b) Mode of packing,
 - c) Incidental services to be provided by the supplier
 - d) Mode of despatch,
 - e) Place of delivery, and
 - f) Any other area(s) of the contract, as felt necessary by the purchaser depending on the merits of the case.
- 18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to

perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly. If the supplier doesn't agree to the adjustment made by the Purchaser/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser's/Consignee's amendment / modification of the contract.

19. Prices

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

20. Taxes and Duties

20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until final acceptance 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 third party refer SGS/Lloyds etc.
- (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 country of Origin
- (vii) Quantity & Quality certificate,
- (viii) Warranty Certificate & Internal factory Inspection Report
- (vii) Dispatch Clearance Certificate

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:

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, TUV & Beauru Varitus, prior to despatch.
- (x) Dispatch Clearance Certificate
- (xi) Quantity and quality certificate

b) On Acceptance:

Balance payment of 20% of net CIP price of goods would be made against 'Final Acceptance Certificate' and bill of Entry 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 to the manufacturer's agent in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.

D) Payment for Annual Comprehensive Maintenance Contract Charges:

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

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

"I/We, _____ certify that I/We have not received back the Inspection Note duly received 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/Delay in the supplier's performance

- 22.1 The supplier shall deliver of 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, inter alia 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 any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24.
During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply.
- 23.2 In the event of the delay in submission of Proforma Invoice beyond 7 working days from the date of Notification of award, the delay shall be to the account of supplier & purchaser shall deduct liquidated damages as per clause 23.1. Proforma Invoice should be strictly as per the terms & conditions mentioned in the Notification of Award/ tender conditions.
- 23.3 Proforma Invoice submitted by supplier is found to be deficient, because of which purchaser is unable to open the letter of credit, delay shall be to the account of supplier & purchaser shall deduct liquidated damages as per the clause 23.1.

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 terminating 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 as the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.
- 26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of, the party claiming to be affected by such event and which

has caused the non – performance or delay in performance. Such events may include, but are not restricted to, acts of the Purchaser/Consignee either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, and freight embargoes.

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

27. Termination for convenience

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

28. Governing language

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

29. Notices

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

30. Resolution of disputes

- 30.1 If dispute or difference of any kind shall arise between the Purchaser/Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.
- 30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India. In the case of a dispute or difference arising between the Purchaser/Consignee and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration of an officer in the Ministry of Law and Justice, appointed to be the arbitrator by **Director General Medical Education and Research, Govt. Of Haryana, Panchkula**. The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakhs (Rs. 1,00,000/-)
- 30.3 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., New Delhi, India.
- 30.4 Jurisdiction of the court will be from the place where the tender enquiry document has been issued, i.e., New Delhi, India

31. Applicable Law

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

32 Withholding and Lien in respect of sums claimed

Whenever any claim for payment arises under the contract against the supplier the purchaser shall be entitled to withhold and also have a lien to retain such sum from the security deposit or sum of money arising out of under any other contract made by the supplier with the purchaser, pending finalization or adjudication of any such claim. It is an agreed term of the contract that the sum of money so withheld or retained under the lien referred to above, by the purchaser, will be kept withheld or retained till the claim arising about of or under the contract is determined by the Arbitrator or by the competent court as the case may be, and the supplier will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention.

33. General/ Miscellaneous Clauses

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

infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.

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

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

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

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

34.2 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.

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

i. In accordance with the above said notification, the participating Micro and Small Enterprises (MSEs) in a tender, quoting price within the band of L 1+15% would also be allowed to supply a portion of the requirement by bringing down their price to the L1 price, in a situation where L1 price is from someone other than on MSE. Such MSEs would be allowed to supply up to 20% of the total tendered value. In case there are more than one such eligible MSE, the 20% supply will be shared equally. Out of 20% of the quantity earmarked for supply from MSEs, 4% quantity is earmarked for procurement from MSEs owned by SC/ST entrepreneurs. However, in the event of failure of such MSEs to participate in the tender process or meet the tender requirements and the L1 price, the 4% quantity earmarked for MSEs owned by SC/ST entrepreneurs will be met from other participating MSEs.

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

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.

(1) Reimbursement of Custom Duty: The custom duty amount as mentioned in the price schedule section -XI (B) (convert in INR at the rate of exchange mentioned in bill of entry) will be compared with the actual total custom duty amount paid to custom department and the same will be reimbursed to the supplier as per following:

- a. If the custom duty amount as mentioned in the price schedule section -XI (B) is equal to the actual total custom duty amount levied by custom department, the actual total custom duty amount levied by custom department shall be prevailed and reimbursed to the supplier in INR accordingly.
- b. If the custom duty amount as mentioned in the price schedule section -XI (B) is more than actual total custom duty amount levied by custom department, the actual total custom duty amount levied by custom department shall prevail and reimbursed to the supplier in INR accordingly.
- c. If the custom duty amount as mentioned in the price schedule section -XI (B) is less than the actual total custom duty amount levied by custom department, the custom duty amount as mentioned in the price schedule section -XI (B) shall prevail and reimbursed to the supplier at rate of exchange rate mentioned on the bill of entry in INR accordingly.

(2) The stores (both India & Import origin goods) should be dispatched only after ensuring prudent inspection carried out by third party Inspection Agencies viz.LLOYDS/SGS or equivalent (acceptable to purchaser) at supplier's cost and proof of such documents submitted to HSCC for the goods inspected.To enable HSCC to issue "Permission to Ship" i.e Despatch note, supplier/manufacture is to furnish the following documents in two sets:

1. Packing list as per tender terms showing Notification of award reference duly vetted by thirty party inspection agency.
2. Manufacture internal test report.
3. Quality Certificate by manufacture
4. Country of Origin
5. Warranty certificate by manufacture
6. Thirty part inspection agency report by SGS/ LLOYDS or equivalent (acceptable to purchaser) with photographs of equipment and with conclusion of inspection.
7. Copy of Insurance as per tender document.

HSCC will examine the above documents and issue necessary dispatch clearance, and the supplier shall dispatch the goods only after the dispatch clearance of HSCC

(3) The Tenderer shall furnish copy of all Purchase Orders (complete with specifications and prices) in their Technical Bid for the same model supplied to Govt. Hospitals/PSU Hospitals/UN Agencies/Govt. Labs/Corporate Hospitals in the last one year from the date of Technical Bid opening.

SECTION - VI
LIST OF REQUIREMENTS

Part I

I. Department of Physiology, KCGMC, Karnal

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
A. HUMAN AND OTHER EXPERIMENTS			
1	PERIMETER	20	30,000.00
2	GAS ANALYSIS APPRATUS - HALDANES STUDENT TYPE	1	50,000.00
3	GAS ANALYSER AUTOMATIC FOR CO ₂ , O ₂	1	50,000.00
B. AMPHIBIAN AND MAMMALIAN EXPERIMENTS			
4	GLASSWARE(BOROSIL MAKE)	Various Qty	25,000.00
5	RECORDING DRUM (KYMAGRAPH)	50	15,000.00
6	POLYGRAPH FOUR CHANNEL	2	75,000.00
C. EQUIPMENT FOR RESEARCH LAB			
7	EXERCISE TEST SYSTEM	1	60,000.00
8	COGNITIVE FUNCTION TESTING SYSTEM	1	20,000.00
9	DIGITAL EMG, NERVE CONDUCTION & EVOKED POTENTIALS MACHINE	1	40,000.00
10	COMPUTERISED AUTONOMIC FUNCTION TESTING SYSTEM	1	1,40,000.00

II) Department of Pharmacology, KCGMC, Karnal

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Starling's Long Extension kymographs with time markers	3	15,000.00
2	Spectrophotometer Model Du-Bachman (UV visible range)	1	10,000.00
3	Physiographs - Single channel	40	40,000.00

III) Department of BIOCHEMISTRY, KCGMC, Karnal

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Colorimeter	6	30,000.00
2	Spectrophotometer	1	10,000.00
3	Glassware (SI No.01- 53)	Various Qty	25,000.00

IV. DEPARTMENT OF PATHOLOGY

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Semi Motorized Rotary Microtomes	2	3,40,000.00
2	Freezing Microtome with a stand for CO ₂ Cylinder (Cryomicrotome)	1	40,000.00
3	Tissue embedding station	2	32,000.00
4	Automatic Tissue Processor, Histokinette	1	60,000.00
5	Troughs for staining in Bulk	12	1,20,000.00
6	GROSSING STATION	1	40,000.00
7	AUTOMATED ESR ANALYSER	1	10,000.00
8	SEMI-AUTOMATED BENCH TOP COAGULATION ANALYZER	1	5,000.00
9	CYTO CENTRIFUGE	1	16,000.00
10	Automated High End Blood Cell Counter	1	50,000.00
11	Glassware	Various Qty	25,000.00

V. DEPARTMENT OF MICROBIOLOGY

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	LAMINAR AIR FLOW	5	15,000.00
2	ELISA READER AND WASHER	3	24,000.00
3	BIOSAFETY CABINET CLASS A2	3	9,000.00
4	AUTOMATED BACTERIAL INCLUDING MYCOBACTERIAL CULTURING SYSTEM	1	80,000.00
5	AUTOMATED IDENTIFICATION & ANTIBIOTIC SUSCEPTIBILITY SYSTEM	1	48,000.00

VI. DEPARTMENT OF FORENSIC MEDICINE ITEMS

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
1	Autopsy saw, with accessories	3	24,000.00
2	Automatic tissue processing machine	1	24,000.00

VII. HOSPITAL ITEMS

SL NO.	NAME OF EQUIPMENT	QTY (Nos)	EMD INR (Rs.)
X-Ray View Box			
1	Single Screen	75	62,400.00
2	Double Screen	75	
3	Four Screen	25	

Part II: Required Delivery Schedule:

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

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

b) For Imported goods directly from foreign:

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

c) Installation & commissioning within 15 days of receipt of goods at site.

Note: Indigenous goods or imported goods if supplied from India (offered in INR) which are linked with supply of directly imported goods are to be supplied within the contractual delivery period as stated in para b) above.

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 & Comprehensive Maintenance Contract (CMC) as per bid document.

Part VI:

Required Terms of Delivery and Destination.

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

At Consignee Site – Specified in the List of Requirements

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

b) For Imported goods directly from abroad:

The foreign tenderers are required to quote their rates on CIP Named Port of Destination and also including the components as per the breakup the Proforma of the Price Schedule given in the tender. Purchaser will place the order accordingly. The shipping arrangements shall be made by the supplier accordingly.

Insurance (all risk basis) 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.

Consignee/destination details as mentioned in Section-XXI.

NOTE:

The bidder are advised to ship / deliver the equipments / items, only after obtaining "Permission to Ship" from HSCC in writing. If the bidder ship the equipments / items without obtaining permission, then the cost towards demurrage, warehouse charges etc has to be borne by the bidder only.

The stores (both India & Import origin goods) should be dispatched only after ensuring prudent inspection carried out by third party Inspection Agencies viz.

LLOYDS/SGS or equivalent (acceptable to purchaser) at supplier's cost and proof of such documents submitted to HSCC for the goods inspected.

To enable HSCC to issue "Permission to Ship" i.e Despatch note, supplier/manufacture is to furnish the following documents in two sets:

1. Packing list as per tender terms showing Notification of award reference duly vetted by thirty party inspection agency.
2. Manufacture internal test report.
3. Quality Certificate by manufacture
4. Country of Origin
5. Warranty certificate by manufacture
6. Thirty part inspection agency report by SGS/ LLOYDS or equivalent (acceptable to purchaser) with photographs of equipment and with conclusion of inspection.
7. Copy of Insurance as per tender document.

Section - VII
Technical Specifications

TECHNICAL SPECIFICATIONS

I) Department of Physiology, KCGMC, Karnal

TECHNICAL SPECIFICATIONS FOR ITEMS OF PHYSIOLOGY DEPARTMENT

1. PERIMETER :

WIDE ARC LISTER MODEL Automatically records field to 90 degree in all meridians. The Carrier mechanism is smooth, silent and invisible. The patient perceives only the test object to move. Spring check, giving an Audible click to each 15 degree of rotation of the arc in either direction Renders close scrutiny of dial plate unnecessary, and ensures accurate registration. The device can be thrown out of action if silent movement is desired

The marker a needle is housed in a retractable tube, sprung to Sheath the pint when not actually marking. A set of interchangeable and permanent washable test objects is included with the instrument. The objects subtend angles of 4 degree, 2 degree, 1 degree, ½degree, ¼ degree and are in white, green and red blue objects in the last three sizes are also included. Supplies complete with Transformer to work on 220 Volt A/C mains With 100 charts

2. **Gas Analysis Apparatus, Haldane's students type (Ref Item No. A - 4 above):**

- Should be supplied with multichannel recording unit with a range of +2 mV to + 10 V
- Sampling rate of 100 KHz per channel and option for variable sampling speed on each channel.
- ADC resolution of 16 bits on all gain ranges.
- Facility for recording ECG leads (I, II, III, aVL, aVF, aVR and VI to V6) for real time cardiac axis & vector analysis etc.
- Amplifiers & Transducers for ECG; Spirometer with respiratory flow head and mouth pieces. Pulse, respiration rate, Heart rate, hand dynamometer, Blood pressure, heart sound etc.
- The Software should calculate VE Expired minute volume, V02 oxygen consumption, VC02, carbon dioxide production, RER respiratory exchange ratio, ECG, HRV, Body Temperature and Pressure Saturate BTSP, Standard Temperature and Pressure Dry STPD, (VE I V02), (VE / VC02) etc. and should generates a number of graphs like Metabolic Log Window, VE (BTSP) vs. V02, VE (BTSP) vs. VC02, VC02 vs. V02, RER vs. time, V02 vs. time, VC02 vs. time, VE (BTSP) vs. time.
- Accessories:-Mouth piece, head gear, tubing and flow sensors, mixing chamber connectors, ECG electrodes, cream, paste, filters and Douglas bags to be provided.
- Compatible Computer/Laptop & trolley should be provided.
- Gas Analyzer should have an Oxygen sensor with minimum range of 5-1 00% oxygen and resolution of at least ,0.02% & the carbon dioxide sensor with minimum range 0-8% of carbon dioxide and resolution of at least 0.1 % and variable flow range of 0-185 nil/min for best performance and results and must have following specifications»
- Operating Temperature Range: +5 to 40°C
- Humidity: 0 to 90% non-condensing
- Warm-up time: 10 mins @ 20°C
- Should be supplied with Gas Mixing Chamber, tubing and connecting tubings and cable.
- Must have an analogue outputs for connecting it to data recoding unit and software.
- The instrument should be approved to IEC, CE.& ISO and other safety standards.
- Manufacturer should have experience of Manufacturing & Installation of the quoted product for atleast 05 years. Documentary proof should be attached.

3. **Gas Analyzer Automatic for CO₂, O₂ (Ref Item No. A - 5 above):**

- The system should measure VO₂, VCO₂, RQ, VE, spirometry/flow volume, etc.
- The system should be interfaced to computer (latest configuration) with 17" Colour LCD/TFT monitor, printer and other required accessories.
- The system should be able to record & measure VO₂ oxygen consumption, VCO₂ carbon dioxide production, VE Expired minute volume, RER respiratory exchange ratio, ECG, HRV, Body Temperature and Pressure Saturate BTPS, Standard Temperature and Pressure Dry STPD, (VE /VO₂), (VE/VCO₂) etc. and should generate a number of Metabolic graphs.
- Facility to perform complete heart rate variability analysis (Time & Frequency domains), ECG interpretation, PQRST amplitudes and ST elevation, cardiac axis analysis during exercise.
- Should have high sensitive oxygen and carbon dioxide sensor with adequate variable flow range for best performance and results.
- The system should simultaneously record and analyse all the required parameter in a single screen for interpretation and computation of results.
- Should have a noise free Multichannel ECG, R-R interval, Heart Rate, Skin temp, GSR, Respiration rate, Oxygen saturation, pulse blood flow, Accelerometer activity integrated into the system
- Should provide automatic BP recording device to record BP at different stages of exercise and record in the software along with other parameters.
- The system should be provided with physical mixing chamber suitable for extremely high and low ventilation ranges.
- Accessories:- Mouth piece, head gear, tubing and flow sensors, mixing chamber connectors, ECG electrodes, cream, paste, filters and Douglas bags to be provided.
- Free Software upgrades and updates should be provided for next 5 years.
- It should be supplied or interfaced with a compatible branded Bicycle Ergometer
- Manufacturer/Supplier should have ISO certification for quality standards
- Should be US FOA/European CE /IEC/BIS other safety standards approved product.
- Demonstration of the equipment and necessary training to be provided by the experts.
- Manufacturer should have experience of Manufacturing & Installation of the quoted product for at least 05 years. Documentary proof should be attached.

4. **GLASSWARE (BOROSIL MAKE)**

- BEAKERS
- 25ML (50 Nos)
- 50ML (50 Nos)
- 100ML (200 Nos)
- -STAIN BOTTLES 50ML (50 Nos)
- -BOTTLE FOR CEDAR WOOD OIL 20ML (100 Nos)
- -WATCH GLASS (200 Nos)
- -GLASS ROD 12" LENGTH AND 4MM DIAMETER (FOR SLIDE STAINING STAND) (200 Nos)
- -GLASS TUBE 8MM BORE AND LENGTH 12" (100 Nos)
- CAPPILARIES 1MM BORE (100 pkts)
- -GLASS SLIDE (50 pkts)
- -COVER SLIPS (FOR SLIDES) (50 pkts)
- -COVER SLIPS (FOR HEMOCYTOMETER) (50 pkts)
- -PASTEUR'S PIPPETTE (100 Nos)

- -TEST TUBES 3", 4", 5" (5 Doz of each size)
- -VISCOMETER (25 Nos)
- -SLIDE FOR BLOOD GROUP TESTING (100 Nos)

5. RECORDING DRUM (KYMOGRAPH)

NEW ELECTRICAL STUDENT KYMOGRAPH WITH SPECIAL HEAVY DUTY MOTOR, OIL LAPEL GEAR SYSTEM, SPEED FROM 0.12 MM/SEC TO 640MM/SEC IN EIGHT STEP JERK FREE RUNNING INSTUCTIONING WITH ONE START AND STOP CLUTCH, STAINLESS STEEL SPINDLE WITH SCREW LIFT 15 X 15 METERS CYLINDER

6. SPECIFICATIONS FOR POLYGRAPH MULTICHANNEL (Ref Item No. B - 9 above)

THE SYSTEM SHOULD BE ABLE TO RECORD AND ANALYSE

1. PULSE, PPG, BP, ECG, PULSE TRANSIT TIME, HEART RATE VARIABILITY.
2. ECG MULTILEADS CONFIGURATIONS FOR REAL TIME CARDIAC AXIS AND VECTOR ANALYSIS.
3. DIGITAL MICROPHONE FOR HEART AND LUNG SOUND STUDIES.
4. PULSE WAVE VELOCITY, DEEP BREATHING TEST, VALSALVA MANEUVER.
5. SP02, ACCELERATION (3 AXIS), ACTIVITY, GSR AND TEMPERATURE, EEG, EMG, NCV, ETC.
6. DYNAMOMETER TO STUDY HAND GRIP TESTING.
7. FOUR CHANNEL BALANCE BOARD FOR STATIC POSTUROGRAPHY OR BODY SWAY STUDIES.

HARDWARE SPECIFICATIONS

1. SIMULTANEOUS RECORDING FOR ATLEAST 12 AND MORE PARAMETERS
2. HIGH SAMPLING RATE OF 40KHz OR MORE
3. SHOULD HAVE FULLY ISOLATED STIMULATOR FOR CONSTANT CURRENT AND VOLTAGE STIMULATION OUTPUT RANGE (0-20mA) with pulse stimulation 50-200microsec
4. MUST HAVE PREFFERED PARAMETERS FOR WIRELESS MONITORING ECG, SP02, PPG, RESPIRATION, GSR AND TEMPERATURE WITH DATA LOGGING ON 8GB AND REAL TIME ACQUISITION AND ANALYSIS MODE.
5. THE SOFTWARE SHOULD HAVE STEP BY STEP INSTRUCTIONS, PROTOCOL AND EXPERIMENTAL DESIGN FOR PERFORMING VARIOUS EXPERIMENTS IN PHYSIOLOGY TEACHING APPLICATIONS. ALSO SHOULD HAVE SAMPLE DATA FOR ANIMAL EXPERIMENTS FOR DEMONSTARTING TO THE STUDENTS
6. FACILITY FOR AUTIOMATIC ANALYSIS WHILE DATA RECORDING AND AFTER RECORDING; FOR ECG, HRV, BP, PEAK ANALYSIS, SPECTRUM ANALYSIS, ETC
7. SHOULD HAVE AN OPTION FOR MATHEMATICAL FUNCTION AND STATISTICAL ANALYSIS AND EXPORT OPTIONS TO OTHER SOFTWARE LIKE MAT LAB, EXCEL, QUICKTIME, WAVE, TEXT, ETC FOR DESIRED INTERPRETATION OF DATA.
8. THE SOFTWARE SHOULD PROVIDE AN EASY FILE SHARING OPTION TO A DISTANT USER WITHOUT INVOLVING ANY COST WITH A 5 YEAR OF FREE UPDATES AND UPGRADES
9. COMPATIBLE DESKTOP COMPUTER (i3, 4GB RAM, 500GB HDD, 18 INCH MONITOR, WINDOWS OS), LASERJET PRINTER AND 1 KVA UPS.
10. DOCUMENTATIONS CE/FDA/ISO AND OTHER SAFETY CERTIFICATES MUST BE PROVIDED
11. MANUFACTURER SHOULD HAVE EXPERIENCE OF MANUFACTURING AND INSTALLATION OF THE QUOTED PRODUCT FOR ATLEAST 5 YEARS.

7. SPECIFICATIONS FOR EXERCISE TEST SYSTEM (Ref Item No. C - 10 above)

Should be compact and trolley mounted system comprising:-

1. State of the art computerized exercise test assembly for online measurement of work load, ventilation, anaerobic threshold, oxygen consumption, CO₂ production, cardiac frequency, respiratory rate, ventilatory equivalent, O₂ pulse, respiratory exchange ratio, nutritional assessment, VO₂ max, etc.
2. Cardioscope with rate meter for 3 lead ECG monitoring.
3. The system should have built in barometric/sample pressure transducers and temperature sensors for monitoring of ambient condition.
4. Should be capable of doing sampling analysis of gases by breath.
5. System should have the facility for automatic calibration of analysers with internal quality assurance, volume transducer calibrator with precision calibration syringe with quality control.
6. The system should include pneumotachograph with very low flow resistance and should not be influenced by humidity (Gold standard).
7. Minimum range 0-14L/sec. accuracy <3%.
8. Flow transducer should be connected to analyser by light weight/small dia tubing (dead space <50ml).
9. Should have fast response CO₂ analyser (infra red absorption/spectrophotometry) gold standard.
10. Range 0-10% CO₂. Relative accuracy 0.01%. response time <90msec.
11. Should have fast response O₂ analyser (paramagnetic/spectrophotometer) gold standard.
12. Range 0-100% . Relative accuracy 0.01%. response time <90msec.
13. Software should support windows 2000/XP in incorporate customized predicted normal equations. Software should be capable of changing graphic displays during real time testing.
14. Programmable cycle ergometer with minimum load range 20-750watts. Loads should be adjustable in steps as well as in ramp fashion (speed independent).
15. Work load accuracy <2% above 25watts.
16. Should run on microprocessor controlled electrically braked principle.
17. Handle and seat height should be easily adjustable.
18. Should have user definable/ programmed protocols with manual programmable work load LCD display for RPM and watts.
19. Should be supplied with software , standard accessories and manual.
20. System should be supplied with additional accessories for atleast 2years operation.
21. Intel core 2 duo processor, 4GB Ram, 17" TFT color monitor, 320GB HDD, CDR/w drive , windows 7, HP laserjet printer and UPS.
22. The above specifications are of generalized nature.

8. SPECIFICATIONS FOR COGNITIVE FUNCTION TESTING SYSTEM WITH WORKSTATION

The requirements for the cognitive function testing are as follows:

1. Workstation - HP Z series workstations. Recommended configuration - HP Z240 with Intel Xeon processor, NVIDIA Quadro graphics card and maximum RAM possible. Monitor should have best resolution preferably around 1400 X 1020.
2. Stimulus presentation software - E-Prime 3

DETAILS OF SOFTWARE ARE AS BELOW:

[E-Prime® 3.0 Overview](#)

E-Prime® is the most comprehensive software available for behavioral research. Build your own experiments using E-Prime's easy-to-use graphical interface. Design, collect, and analyze data - all within a few hours! With more than 100,000 users in research institutions and laboratories in over 60 countries, E-Prime is the world-leading behavioral experiment software. E-Prime provides a truly easy-to-use

environment for computerized experiment design, data collection, and analysis. E-Prime provides millisecond precision timing to ensure the accuracy of your data. E-Prime's flexibility to create simple to complex experiments is ideal for both novice and advanced users.

The E-Prime suite of applications includes:

- E-Studio - Drag and drop graphical interface for experiment design.
- E-Basic - Underlying scripting language of E-Prime (nearly identical to Visual Basic for Applications™).
- E-Run - Once experiment design is complete, a single mouse click generates it into an E-Basic script. E-Run then affords you the millisecond precision of stimulus presentation, synchronizations, and data collection.
- E-Merge - Quickly and easily combines your single session data files for group analysis.
- E-DataAid - Data management utility that allows you to filter, edit, analyze, and export your data.
- E-Recovery - Recovers data files in the event of early terminated experiments, or lost or corrupted files.

New with version 3.0

- Support for tablets and touchscreens
- SlideButton sub-object for an area of response collection without using script
- SlideChoice sub-object to design multiple choice surveys, recognitions, recalls
- SlideSlider sub-object to design scales and sliders
- Slide Layout Templates for quick design
- Improved interface with tabbed workspace and easier access to windows
- Find and replace properties in an experiment
- Run an experiment in a floating window for quicker inspection and debugging
- Run desired List rows at runtime with Interactive order selection
- Interactively run List rows for debugging purposes
- Create conditional Task Events using subroutines in User Script
- Improved Audio/Video playback and load times
- Start an experiment from any List object
- Play movie and audio files in additional formats
- Online Experiment Library
- E-Prime Command Reference and online documentation
- New experiment design templates
- Access Full and User Script in the Structure window
- Automatically generate text data files upon completion of experiment
- Save a definition of columns of interest in E-DataAid
- Correct, Incorrect, Omission Task Events
- Check for Update checks web and prompts when updates are available

E-Prime® is intended for research use only.

9. SPECIFICATION FOR DIGITAL EMG, NERVE CONDUCTION AND EVOKED POTENTIAL MACHINE

The system should have:

- Store 1 minute of free EMG, Reviewed and Replayed with Audio. Sweep Speed and Sensitivity changed after acquisition for single channel or all channels simultaneously.
- Sweep speed changed in following steps i.e.
- 1 , 1.5 , 2 , 3 , 5 , 7.5 , 10 , 15 , 20 ,30 , 50 , 75 , 100 , 150 , 200 , 300 , 500 , 1000 ms/D
- Screen Separator for viewing M and F or H waves side by side, with separate sensitivities

- Patient Isolation for patient safety provided by optically isolating acquisition module from input box.
- User Programmable Rates for all Stimulators.
- 13 different check sizes which can be viewed in 16 different fields in VEP test.
- Optional LED GOGGELS and FLASH STIMULATORS.
- User definable marker names. All markers are automatic.
- Individual settings for all nerves.
- All study like NCV, SSR, EMG, EPs.
- Double buffered averaging for easy understanding of EP replication.
- Auto Protocol for BERA test where you can define intensities for different traces.
- Tones/Envelopes stimulation for different audio tests such as LLR, MLR, P300.
- Facility of selecting dB in nHL or SPL.
- Compatible TDS 39 Headphones.
- Latency/Intensity graph.
- Simultaneous 4 Channels EMG Acquisition.
- Easy muscle scoring with pre-defined groups.
- Detailed list of muscles for easy selection.
- Play Stored EMG on a multimedia speaker.
- Exhaustive EMG with split screen facility to show selected MUPs. Detailed calculation such as turns, phases, amp, Duration, Rise time for each MUP can be easily viewed.
- Fuzzy adaptive algorithm for rejection in Eps.
- User definable latencies, marker names and interpretation latencies for all SEP's.
- Automatic averaging by the software for all EP's test. and simultaneously acquisition of left and right sides for all EP with 8 traces on each side.
- EMG trigger to adjusted while acquiring and reviewing the data through software.
- Facility of reviewing EMG data with raster.
- F wave separator to adjust through software while acquiring and reviewing the data.
- Fine variation in current in steps of 0.1 mA.
- Padiatric shock stimulator.
- Online guide to locate various Muscles/Nerves.
- Padiatric Head band for Neonatles.

Pentium D or higher processor computer (4 MB Cache, 2 GB RAM, 160 GB HDD, DVD combo, Optical mouse, 19" TFT monitor and laser printer (16 page per minute printing) operative in all windows platform (98, XP).

- Impedance check for noise free acquisition.
- CE Certified.
- 4 channels.
- CMRR > 100 Db.
- Input Impedance > 100 m Ω (common mode).
- Noise 0.5 μ V RMS (1 Hz to 10 kHz).
- 14 bit analog-digital conversion.
- Number of averages per channels up to 9999.
- Duration of electrical stimulation 0.02, 0.05, 0.10, 0.20, 0.50, 1.0 ms.
- Repetition rates of electrical stimulation 0.5, 1, 3, 5, 7, 10, 15, 20, 30, PPS standard or any user definable value.
- Hand held, constant current electrical stimulator with stimulus intensity dial and stimulus trigger on handle. Save and Start/Stop switches are provided on stimhandle.
- Electrically isolated stimulator with independent controls.
- Electrical range of 0-100 mA with adjustable duration , intensity and repetitive rate.
- Headphone.
- Type of stimulus Click (Rare, Comp., Alt), Tone bursts, Pips, Pure tone

- Frequency range of 250 Hz to 8000 Hz.
 - Intensity range of 0-110 dB nHL or 30-140 DbSPL.
 - Present of both left and right ears.
 - Click duration of 100 μ s square wave clicks. Rarefaction, condensation or alternating polarity.
 - Types of Envelopes like Linear, Gaussian, Blackman, Hanning.
 - White Noise contra lateral masking from 0 dB to 80 dB nHL.
 - User definable Rate.
 - Monochrome VEP monitor for black and white, pattern reversal check board stimulation, vertical bars, horizontal bars. Features center fixation target, independent quadrant and half field stimulation. Color monitor optional with user programmable colors
- Square sizes of video monitor 2, 3, 4, 5, 7, 8, 9, 11, 13, 16, 21, 32, 64.
 - Flash mode.
 - User definable Rate
- Five year warranty as per Haryana Govt. norms.

10. SPECIFICATIONS FOR COMPUTERIZED AUTONOMIC FUNCTION TESTING SYSTEM

The system should be able to record and analyse.

1. Non Invasive beat to beat Blood pressure monitoring in Human with Systolic, Diastolic and other hemodynamic parameters (CO, SV, TPR, Baro-reflex sensitivity, Blood Pressure variability etc.) by finger arterial pressure measurement.
2. Continuous ECG monitoring and recording with real time HRV Analysis.
3. Pulse, respiration, airflow, GSR, temperature measurements.
4. Dynamometer to study handgrip strength profile with balance board for static posturography studies.
5. Non-Invasive Tonometer for Vascular function Testing
6. Number of channels: 8 or more channels high speed USB Data Acquisition system.
7. Range: ± 2 mV to ± 10 V and Sampling rate of 10 KHz or more per channel (aggregate speed),
8. ADC resolution = 16 bits on all gain ranges
9. Multichannel Universal Bio-amplifier for recording 12 leads ECG.
10. The Beat to beat Blood pressure monitor should be supplied with HCU and Finger cuffs of 3 different sizes (i.e. small, medium & large) and should have accuracy: 1% of full scale (max. 3 mmHg), zeroing automatic.
11. Transducers for Pressure, Pulse Plethysmography, and Respiration, Surface Temperature probe, Non-Invasive tonometer, Hand dynamometer and Wireless Heart rate kit with other accessories as required.
12. Licensed Software: It should have various automatic analysis modules for ECG, HRV, Blood Pressure, Cardiac output, Peak analysis, spike histogram etc.
13. Online & offline analysis with various export options for common formats.
14. The software should be provided with a 5 year of free updates and upgrades.
15. Computer: The system should be desktop based system with at least Intel Core i7, Genuine Windows 8 professional, 20 inch LED Monitor, 4GB RAM, 500GB SATA Hard Drive, DVD. Facility for internet connectivity, Laser printer.
16. Proper Demonstrations to be carried out before finalizing.
17. Onsite training should be provided by the company experts for 7 -10 days.
18. CE, ISO, FDA and other safety certificates must be provided.
19. The system should have world-wide installation, acceptance and recognition in published research papers globally. Performance certificates should be provided from the users using the system in India/abroad.

II) Department of Pharmacology, KCGMC, Karnal

1. Starling's Long Extension kymographs with time markers

Superior quality metal gears, accurate mill cut ratio 40, 10, 2.5 & 0.625 mm per sec, speed change clutch with immediate change position. Cylinder 6x11" with crown metal engaging shaft; turning by hand if necessary. Moving in slot in bed allowing variation in paper length for 60" to 66". Rigid cast iron stand which should work up down by large screws with fine adjustment facility. To be supplied with accessories e.g., double time marker, mercury manometer, separate smoking varnishing apparatus and smoking burner.

2. Spectrophotometer Model Du-Bachman (UV visible range)

Range 340 to 960 nm with facility of automatic concentration, transmission and absorbance measurements. Data display & LED display for wavelength in nm and equipped with extra sets of test tubes.

3. Physiographs - Single channel

1. Single channel with transducers and all relevant accessories (Student Physiograph Single channel with time & event channel main console with 9 speed (100, 50, 25, 10, 5, 2.5, 1, .5, .25 mm/sec.) chart drive and stimulator.
2. Main Console :Made up of non magnetic material aluminum.
3. Couplers :- Strain Gauge, Pulse Respiration, temperature, EKG and Bio- Potential Transducers :- muscle activity/ force respiration belt, pulse, respiration & temperature.
4. Accessories :- EKG electrode, EEG & EMG paste, V-pin junction box, III Pin junction box action potential electrode, 2 Pkts of chart paper Z- fold and fuse.
5. Supplied with Mono bath, X-Block and Plain Stand.

III) Department of BIOCHEMISTRY, KCGMC, Karnal

1. Colorimeter

- 6 Nos.

Wavelength Range: 400-700nm with 8 filters

Filter's peak: 420nm, 440nm etc.

Wavelength(Typical): 490nm, 520nm, 540nm, 570nm, 600nm, 700nm

Measuring Modes: % T, ABS, CONC and K Factor

Photometric resolution: 0.1%T, 0.01 ABS up to 1.99 ABS (O.D.)

Display: 3 – Digit LCD

Concentration Setting Limit: absorbance read out (with decimal point removed)

Sample value (Min.): 1ml in 4ml cuvet/test tubes

Detector: hermetically sealed photodiode

Power: 230V+/-10%, 50Hz.

ISI / ISO/ appropriate certification and standardized equipment with calibration report
2 years warranty

Accessories:

Test Tubes 5 Nos.

Light Source Bulb

Dust Cover

Instruction Manual

2. Spectrophotometer

- 1 No.

- Digital spectrophotometer with PC control through software for programmable measurements, compatible for data storage on USB stick
- U.V. Visible type, wavelength range: 190 – 1100nm
- Optical system: true dual beam
- Detector: Silicon photodiode
- Band pass/bandwidth 0.5 nm - 4 nm (variable)
- Absorbance range of greater than 5 A, stray light measurements greater than 0.00003 %T @340 nm in the UV/Vis wavelength range.
- Scan speed upto 3600 nm/min
- Facility for small sample volumes (of 50 μ L, 25 μ L and 5 μ L micro-volume cells) measurement with required accessory should be included
- Appropriate CE certification or equivalent
- Compatible with 240 V AC 50 Hz power supply
- ISO-9001 manufacturing standards complaint
- 2 years warranty and then 3 years CMC

3. Glassware

- Quantity - (as below)

S. No.	Name of the Glassware item	Quantity
1.	Burette with holder and clamp	100
2.	Burette stand	100
3.	Beaker 1000 ml	70
4.	Beaker 500 ml	100
5.	Beaker 250 ml	100
6.	Beaker 100 ml	100
7.	Beaker 50 ml	100
8.	Beaker 25 ml	100
9.	Conical Flask Narrow Mouth 500 ml	150
10.	Conical Flask Narrow Mouth 250 ml	150
11.	Conical Flask Narrow Mouth 150 ml	250
12.	Conical Flask Narrow Mouth 50 ml	250
13.	Volumetric Flask with interchangeable Stopper 1000 ml	50
14.	Volumetric Flask with interchangeable Stopper 500 ml	50
15.	Volumetric Flask with interchangeable Stopper 250 ml	50

16.	Volumetric Flask with interchangeable Stopper 100 ml	50
17.	Glass Funnel 75 mm	100
18.	Glass Funnel 100 mm	100
19.	Measuring cylinder 1000 ml	40
20.	Measuring cylinder 500 ml	40
21.	Measuring cylinder 250 ml	80
22.	Measuring cylinder 100 ml	100
23.	Measuring cylinder 50 ml	100
24.	Measuring cylinder 25 ml	60
25.	Measuring cylinder 10 ml	60
26.	Centrifuge Tube 15 ml	100
27.	Cover slip 18 mm x 18 mm, 100/pkt	06
28.	Glass reagent Bottles Amber 500 ml	100
29.	Glass reagent Bottles Amber 250 ml	100
30.	Glass Reagent Bottles Amber 125	100
31.	Glass Reagent Bottles 500 ml	100
32.	Glass Reagent Bottles 250 ml	100
33.	Glass Reagent Bottles 125 ml	100
34.	Glass Slides 50/ pkt	06
35.	Test tubes 12 x 75 ml	3000
36.	Test tubes 12 x 100 ml	3000
37.	Test tubes 15 x 125 ml	3000
38.	Test tubes 18 x 150 ml	3000
39.	Test tubes 25 x 150 ml	1000
40.	Glass Pipette 0.1 ml	200
41.	Glass Pipette 0.2 ml	200

42.	Glass Pipette 1 ml	200
43.	Glass Pipette 2 ml	200
44.	Glass Pipette 5 ml	200
45.	Glass Pipette 10 ml	200
46.	Glass Pipette 20 ml	50
47.	Porcelain China Dish	100
48.	Glass Petri Dish 3"	50
49.	Glass Petri Dish 4"	50
50.	Test Tube Stands (Metallic) 20mmx40 holes	100
51.	Test Tube Stands (Plastic) 20mmx40 holes	100
52.	Test Tube Stands (Metallic) 13mmx48 holes	100
53.	Test Tube Stands (Plastic) 13mmx48 holes	100

- Note: 1. The glassware demanded above should be preferably of the following make:
A) Borosil or B) Corning or C) Thermo fisher
2. Bidder quoting glassware must quote for all the 53 glassware items. The bidder shall be summarily rejected, if any one or more items are not quoted by the bidder.

IV. DEPARTMENT OF PATHOLOGY

1. Technical Specifications for Semi Motorized Rotary Microtomes

- 1) Should have Motorized feeding system and manual sectioning.
- 2) Microtome should have smooth hand wheel operation.
- 3) Microtome should have rocking mode function with automatic feeding and retraction.
- 4) Should have section thickness range 0.5 – 100 µm and trimming range of 1 – 600 µm.
- 5) Should have step trim function.
- 6) Should have easy change between trimming and sectioning mode.
- 7) Should have ON/OFF retraction mode.
- 8) Should have coarse feed motorised in 2 speeds.
- 9) Should have Voltage selector.
- 10) Remaining feed indicator should have visual (LED) and acoustic.
- 11) Should have Section counter and section thickness totalizer.
- 12) Specimen orientation should be 8 degree.
- 13) Should have horizontal specimen feed 30mm or more and vertical specimen stroke of 70mm or more.
- 14) Should have second hand wheel break, directly on the hand wheel only.
- 15) Should have separate control panel.
- 16) Should have return to object head home position during trimming.
- 17) Should have section waste tray integrated in the instrument design.
- 18) Spare low and high profile blades in dispenser pack of 50 blades: 6 packets each.

- 19) Integrated removable section waste tray.
- 20) The equipment should be USA-FDA/European- CE approved.

Accessories:

- Disposable blade holder which accommodates both high and low profile blades.
- Spare low and high profile blades in dispenser pack of 50 blades: 6 packets each.

2. Freezing Microtome with a stand for CO₂ Cylinder (Cryomicrotome)

1. Cryostat unit should-be open top, free Standing, mounted on retractable wheels complete with standard accessories.
2. Corrosion proof stainless steel cryo-chamber for easy decontamination / cleaning.
3. Double cooling system for specimen head and cryo-chamber.
4. Quick-freeze station with Peltier cooling system for rapid freezing and storage of Specimen with temperature: ambient to -45⁰C by separate compressor.
5. Cryo-chamber temperature: ambient to -35⁰ C by separate compressor.
6. Maximum cooling time up to maximum low temperature should be less than 4 hours after start up.
7. CFC-free refrigerants and insulating foams.
8. Programmable automatic defrosting once in 24 hours. Duration of the defrost cycle should be 6 – 15 minutes.
9. All functions via electronic control panel with microprocessor-based touch-key controls. Electronic locking key to avoid any inadvertent changes in program setting should be available.
10. Digital display to time, section thickness & temperature.
11. Proper in built illumination of Cryochamber and specimen head area.
12. Ultraviolet disinfection of Cryochamber and cutting unit for user safety.
13. Should work at 220-240 VAC 50/60HZ.

Specifications of microtome:

14. Corrosion resistant splash proof Retracting Microtome with disposable blade holder for High profile blades and anti-roll plate.
15. Provision of specimen orientation in X.Y axis.
16. Section thickness range 1-60µm in 1, 2 and 5µm increments at different ranges.
17. Specimen feed/advance: 25 mm or more.
18. Vertical stroke: 50 mm or more.
19. Trimming: via Motorized coarse feed.
20. The equipment should be USA- FDA/European- CE approved

Essential accessories:

- a. High Profile Disposable blades (50 blades/packet) 10 packets.
- b. OCT compound/Cryo-embedding medium 30 bottles (100-120 ml each).
- c. Compatible specimen discs of different sizes 30 Nos.
- d. Indigenous Constant Voltage Stabilizer of suitable rating to overcome power fluctuations.

Note: Prices of essential accessories should be quoted separately for comparison

3. Tissue embedding station

- a. Should incorporate two separate systems for cold plate and heated paraffin embedding module.
- b. Temperature range of cold plate: -5 to 15 deg C, adjustable in steps of 1 deg C.
- c. >60 cassette molds capacity with acrylic cover.
- d. Large comfortable working shelf with tissue cassettes and molds at the same level or adjustable height.

- e. Working surface and wax drainage completely sealed to avoid wax penetration.
- f. Wax container capacity atleast 4 liter with fine mesh filter.
- g. Provided with low voltage, different size, heated forceps.
- h. Additional heated removable forceps holder.
- i. Working area, forceps holder, cassettes opening area to drain into one tank for easy wax disposal.
- j. All functions of the system controlled through electronic system with digital programmable on and off timer.
- k. Bright illumination (LED lamp).
- l. Adjustable paraffin dispenser control.
- m. Wax dispenser nozzle projected forward. Flow of wax controlled manually or by foot switch.
- n. Working surface of cold plate should not be less than 300x350mm.
- o. Large space to keep additional base molds.
- p. Instant touch button to regulate hot plate temperature.
- q. Large low temperature area (cold plate) adjacent to hot plate temperature up to 50 deg C.
- r. Adjustable temperature for paraffin reservoir, working surfaces and integrated working trays between 45⁰C-70⁰Cwith +/- 1°C steps
- s. Paraffin reservoir, cassette bath, mold warmer and work surface temperature should be individually temperature adjustable.
- t. Should have a magnifying lens adjustable in any position and white light illumination for specimen orientation.
- u. Complete power cord and instruction manual.
- v. To work on 220-240 volts.
- w. The equipment should be USA- FDA/European- CE approved

4. Automatic Tissue Processor, Histokinette

- a. Fully automatic carousel type tissue processor.
- b. Fully Enclosed system, floor standing model, compact design space saving for the optimum use of laboratory space, on rollers easy to move.
- c. Laboratory environment safety having triple protection hazardous fume extraction system at processing retort, activation carbon filter and external exhaust system for the maximum safety of user.
- d. Computerized monitoring multiple programming facilities.
- e. Ergonomic control panel with full protected keyboard and LCD.
- f. Capacity: Up to 200 cassettes.
- g. Provision of Gentle agitation in reaction chamber.
- h. Automatic transfer of reagents and uniform reagents temperature.
- i. Automatic fluid level sensor.
- j. Minimum 3 wax baths with adjustable temperature from 40⁰C to 70⁰C.
- k. Provision of vacuum infiltration.
- l. Provision of cleaning of paraffin from reaction chamber after the completion of the process.
- m. Provision of lock with password.
- n. Provision of Audible alarms, error message and warning codes.
- o. Easy editing and changing of programs, even during a processing run.
- p. Infiltration time separately programmable for each station.
- q. Machine should have the option of interrupting an automatic process for reloading or removing cassettes if needed to before the end of a run.
- r. Baskets should be automatically immersed in a station during the power failure.
- s. Indication of date, time, remaining time in process step, step number and reagent description.
- t. Delay timer up to 7 days.
- u. Drain time should not exceed 60 sec.
- v. Safety against reagent fumes.
- w. Safety device to protect over vacuum & overheating.
- x. UPS of appropriate rating for safety against power failure with six hours power backup.

y. The equipment should be USA- FDA/European- CE approved

5. Troughs for staining in Bulk

- a) Made of stainless steel for staining slides in bulk, to hold slides of standard size, size 16 inches x 8 inches x 4 inches.
- b) Should be capable for Quick & Accurate Slide Stains very economical, unique Design with Twelve Stations.
- c) To be supplied complete with Slide Carrier & other required accessories

6. GROSSING STATION

- Corrosion-resistant stainless steel working surface, sink and shelves.
- Minimum Dimensions; width 60" x depth 36" x height of work surface adjustable with minimum range 33.5" – 41.5".
- Provisions for effective rinsing system to flush clean the working surface.
- Stainless steel sink with provision for hot and cold water supply and specimen safe drain system.
- There should be a formalin tank on top of the station with direct supply system to the work area.
- Matt finish with all corners well ground with no sharp edges
- Adequately illuminated work surface with CFL/Fluorescent tube light.
- Tool bar of adequate size for easy access to dissecting instruments.
- Provisions of exhaust system for formalin fumes by ventilation through nearby existing windows/duct.
- Measuring scale in cm and inches etched or fixed on the work surface.
- Magnifying lens mounted on adjustable arm.
- Hand free controls (either sensor or foot operated) for water supply, exhaust, height adjustment and Dictaphone vinyl/Polyethylene cutting pad (Dissecting Board) approximately 24"x15"x1/4" with Dissecting area rinse assembly.
- Digital cameras and monitor for gross photography.
- Audio recording system with microphone on flex arm with dictation equipment.
- Electronic weighing scale capacity 5000 gm.
- To work at 200-240 VAC 50/60HZ.
- Online UPS system with minimum of 3 hours power back up.
- Small specimen rinse with cold water control valve and sink rinse basket with stainless steel holder.
- Formalin container, 12" stainless steel adjustable shelf, Paper towel holder
- There should be IT support for storage and retrieval of data recorded with TFT display and recording system.

CLINICAL Laboratory

7. AUTOMATED ESR ANALYSER

1. Tube employed: Special 8 x 120 mm tubes
2. Reading channels: 20
3. Analysis time: 15, 30 or 60 minutes
4. Analytical capacity: Maximum 40 tests/hour (30 minute working time)
5. Maximum 80 tests/hour (15 minute working time)
6. Loading capacity: Maximum 20 samples at a time
7. Loading pattern: Random/batch
8. Results: In Westergren mm/h (by interpolation)
9. Temperature correction: Automatic compensation referenced to 18^o C (Manley)
10. Measuring method: Infrared beam

11. Reading resolution: +/- 0.2 mm
12. Results resolution: +/- 1 mm
13. Acceptable blood draw level: 0.90 to 1.20 ml
14. Display: GRAPHIC LCD with backlight
15. Provision for barcode scanner
16. Voltage: External power supply: 100 - 240 Vac, 47 - 63 Hz 12 Vdc, 3.5A
17. System could be compatible with HIS module.
18. The equipment should be USFDA/CE approved.

8. SEMI-AUTOMATED BENCH TOP COAGULATION ANALYZER

Specifications:

1. Testing items: PT, APTT, TT, Fibrinogen, V, VII, X, VIII, IX, XI, XII, D-dimer, FDP and AT-III.
2. Should be based on scattered light detection method to determine clotting time & clot formation will be verified by percentage test end point detection method to ensure highly reliable test results.
3. Should have 4 detector channels allowing random analysis of upto 4 different parameters in single or duplicate mode.
4. Should have a minimum 5 wells for reagent incubation & 8 wells for reaction tube holders.
5. The system must ensure thorough mixing of the sample and the reagent.
6. Sample requirement must not be more than 250ul per test.
7. Temperature control must ensure 37+0.50C.
8. The system must sensitive enough to detect a weak fibrin clot.
9. Digital display of results in terms of seconds.
10. Provision of built-in printer.
11. The system should not allow interference from lipemic or icteric samples.
12. The system must store at least 50 test results of each parameter and provision for preparation for QC graphs.
13. The system must have the provision of flagging system to indicate abnormal results.
14. Must require low maintenance on routine basis.
15. Open system regarding the use of reagents.
16. The system must be complete with all the accessories. Dust cover and working manual should be provided.
17. Should be compatible with HIS module
18. The cost of basic accessories for the next five years should be quoted along-with the analyzer.
19. The equipment should be USFDA/CE approved.

9. CYTO CENTRIFUGE

- The equipment should be a Bench-top centrifuge for cytology specimens
- The equipment should be capable of thin-layer cell preparation for retrieving cells from various body fluids especially paucicellular fluids and preserving their morphology
- Cell preparation system, compact and slim.
- Totally sealed head which could be autoclaved.
- Programme speed from 600 to 4400rpm.
- Run time from 1 to 99 minutes with specimen safety alarm.
- Silent in operation.
- Totally sealed environment during operation.
- Built-in brake for immediate sample retrieval.
- Unique chamber assembly of 3 elements: Stainless steel slide clips, Microslide and Sample chamber with filter cord attached.
- Disposable sample chamber for high risk specimen.

- System functions only when lid is locked.
- Alarms for over speed and out of balance position.
- Should run at least up to 24 samples at a time.
- Concentrates cells as 6 mm diameter monolayered.
- Display of the speed and time left to complete the cycle.
- Should be complete with all accessories and consumables and instruction manual.
- To work at 220-240 volt.
- FDA/CE certified

10. Automated High End Blood Cell Counter

1. Display & print all of the following parameters:
 - a. Hemoglobin, hematocrit, RBC count, mean corpuscular volume, mean corpuscular hemoglobin, mean corpuscular hemoglobin concentration, red cell distribution width-coefficient of variation (CV) and standard deviation (SD)
 - b. Platelet count, mean platelet volume, platelet distribution width
 - c. Total WBC count and differential leukocyte count comprised of percentage and absolute counts of Neutrophils, Lymphocytes, Monocytes, Eosinophils, Basophils.
 - d. Reticulocyte count as percentage, absolute reticulocyte count, immature reticulocyte fraction
 - e. % and absolute count of nucleated red blood cells
2. Hemoglobin estimation by a cyanide-free technique
3. Possess automatic floating thresholds for accurate separation of red cells and platelets
4. Capable of processing minimum 60 complete blood count (CBC)+differential leukocyte count (DLC)+reticulocyte count samples/ hour and minimum 80 complete blood count samples/ hour
5. Software generated flags should have features of definitive and suspect messages, able to follow both user-definable extended decision rules as well as ISLH consensus rules with the ability to set user-definable differential sensitivity.
6. Flags at least for the presence of:
 - a. Incomplete specimen aspiration
 - b. Interfering substances
 - c. Giant platelets and platelet clumps
 - d. Immature granulocyte/neutrophil populations
 - e. Blasts
7. Provide vacutainer autoloader and cap piercing system with barcode reader
8. Should have advanced clot detection and avoidance technology (e.g. clot filters) along with autosampler and waste disposal system.
9. Capable of archiving patient data: complete results including histograms of minimum 10,000 samples.
10. Bi-directional information transfer on the LIS interface, including numeric and flag results, histograms and scatter plots,; patient demographics and patient orders
11. Tag and hold results for follow up confirmatory testing and perform delta checks on specimens from the same patient.
12. Sample requirement ≤ 200 μ l in automated mode for CBC and DLC along with micro-sample capability.
13. In-built option to execute limited number of parameters to conserve differential reagents
14. Alerts for:
 - a. Low reagents.
 - b. Temperature variance
 - c. Probe block
15. Sample probe backwash facility, auto-wipe of probe
16. Power specifications-220 to 240 V, 50-60 Hz.
17. An uninterrupted power supply unit/inverter for 2 hour back-up to be supplied along with and price included.

18. In-built quality control software tools including Levey Jennings charts.

19. Precision, expressed as coefficient of variance:

Parameter:	CV %
WBC count	≤3.0 percent
RBC count	≤1.5 percent
Hemoglobin	≤1.5 percent
Platelet	≤5.0 percent
MCV	≤1.0 percent
Hct	≤1.0 percent

Accuracy of automated differential count compared with manual differential: NE = ±2.0; LY, MO = ±3.0; EO = ±1.0 (or $r > 0.9\%$ for neutrophils and lymphocytes, and $> 0.8\%$ for monocytes and eosinophils)

20. Linearity limits (minimum range to be included)

WBC: $0.4-250 \times 10^9/l$

Hb: 1-22 gm%

Platelet count: $11-2000 \times 10^9/l$

21. Zero down time. The quote should include back-up similar instrument acceptable to the Institute that uses the same reagents as the machine quoted.
22. Consumables and reagents for 30,000 samples to be supplied and included in quote
23. 2-year warranty followed by 5-year CMC to be quoted including minimum 6-monthly calibrations and 6-monthly preventive maintenance (including all consumables, reagents and labor costs for both) for the entire 7-year period.
24. Approximate cost per test for the combinations of CBC, CBC + DLC, CBC+DLC+reticulocyte count to be given in the price bid
25. The price of all reagents, consumables and daily quality control material for complete blood count including differential leukocyte count and reticulocyte counts to be quoted in INR in the price bid for approximately 60,000 complete blood counts including WBC differential and 24,000 reticulocyte counts per year. These are to be frozen for seven years (i.e. 2 year warranty + 5 year CMC). These costs shall be taken into account along with the instrument cost for price comparison.
26. The instrument should have the capability or be upgradable for attachment of slide maker and slide stainer.
27. A local-area-network (LAN) set-up of 5 computers (monitors and CPU) interfaced with the analyzer to enable multiple users to authorize reports electronically on the LIS/HIS to be provided and set-up.
28. Air conditioner(s) 1.5 tonnes if temperatures lower than 22 degrees centigrade are required by the equipment.
29. Appropriate tables and chairs to keep the equipment and UPS/inverter.
30. Compatible color and black and white laser printers (to be included in the equipment price).
31. Compliance / deviation statement to be submitted with technical bid; all statements supported by scientific literature.
32. **The equipment should be USA-FDA and /or European –CE certified.**

11. Glassware

Measuring Cylinders

50 ml----10

100 ml----10

500 ml-----10

Pipettes

1ml to 5 ml----20 each

Conical Flask

100ml to 1000ml----50 each

Reagent Bottles

100ml----100

500ml-----100
 1000ml----100
Beakers
 100ml-----30
 250ml----30
 500ml-----30
Glassrods for staining rack- 60
Staining Trough-----60
Funnel
 Small-15
 Medium- 15
 Large-15
Khom Tube---200
Test Tubes
Size
10x75-----1000
12x75-----1000
16x100-----1000

The glassware should be of high quality BOROSIL Make for using in the laboratory.

V. MICROBIOLOGY DEPARTMENT

1. LAMINAR AIR FLOW

Description of Function

1.1 Laminar Airflow is required to make available an environment whose air supply is free of bacteria, fungi, pollen, and practically all air-borne dirt.

2 Operational Requirements

2.1 The basic equipment shall consist of a HEPA filter, pre filter, suitable blower assembly, necessary lighting, indicators and controls for the cabinet. The equipment should be mounted on a stand with levelling feet.

3 Technical Specifications

3.1 Type of Flow: Vertical

3.2 HEPA FILTER: Face dimensions: 4ft (L) X 2ft (W) X 6 ft

The HEPA filter should have rated efficiency of 99.99% (or better) at 0.3 microns to provide product protection of Class 100 or exceeding Class 100 requirements of Federal Standards 209E or equivalent ISO within the work. Area

3.3 PRE Filter with Synthetic, non-woven polyester fibers having casing of enamel painted CRCA frame with Retention of 10 - 15 Micron and 90 % Efficiency. Washable with an arresstance of 90% or better

ULPA filter: efficiency of >99.999% at 0.1 to 0.3 micron size provided with prefilter.

3.4. Material of construction: Main body and rear panel: Electro-galvanized steel or Mild Steel, oven baked epoxy powder coated finish. Side window (panels): UV stabilized transparent Perspex or polycarbonate or dual metal side walls with negatively pressurised interstitial space. Work table (surface): SS304 or SS316.

3.5 Working area should be 24 cu ft.

3.6. Blower Assembly: DIDW type blower or dual brushless DC (BLDC) blower system with high RPM motor, enclosed in a powder coated MS casing suitably suspended in a pair springs & connected to the filter chamber through flexible canvas duct or metal blower plenum.

3.7 Front Windows Acrylic, fixed by clamps.

3.8 Illumination with Fluorescent tubes with diffusers. Light Intensity at Work Surface: 800-1000 lux/75-90 foot candles

3.9 Laminar Airflow Velocity: Approx. 90 feet per minute (fpm) +/-10% average velocity measured

50 mm from the filter face. Uniformity +/-20% of average or better.

3.10 Additional Requirement: Vibration free Gas burner facility on working bench. Air pressure indicator with manometer (Differential Pressure Gauge with Scale display in cms of water). Drain valve with smooth drainage arrangement. Exhaust ducting as per site requirement

3.12 UV Germicidal lamp intensity >40 microwatt/sq. cm. over the entire work surface

3.13 Switched and indicators: Individual switches and indicator lamps for blower motor, florescent lamp and UV lamp.

4 System Configuration Accessories, spares and consumables

4.1 System as specified-

4.2 Other fitting required for attaching auxiliary services should be provided.

5 Standards Should be ISO CLASS 5

5.1 Should be CE or FDA or BIS approved product

2. ELISA READER AND WASHER

1. Should have reading capability of 1 to 96 wells individually.
- Should have a linear measurement range of 0 to 3.000Abs. Absorbance range 0-4 OD, Accuracy upto 0.001 OD
1. Should have wavelength range from 340 to 750nm.
2. Should have a photometric accuracy of ± 1 nm or better.
3. Should have a resolution of 0.001Abs.
4. Should have variable speed plate shaking capability.
5. Should have easy access 8 position filter wheel
6. curve fittings formulus transformation and control assay validation with competeble interface with PC and external printer with power backup.
7. Should have automatic filter selection.
8. Should have automatic calibration before each reading.
9. Should have at least 6 second reading speed.
10. Should have facility for storage of calibration curves.
11. Should have different types of blanking facility like air wise and well wise.
12. Should be capable of reading U.V and flat type wells
13. Should be capable of reading 8 or 12 well strip plates.
14. Should use halogen light source and two spare bulbs should be provided.
15. Should have internal thermal printer and 5 rolls of thermal should be supplied along with the unit.
16. Should have external printer connectivity option.
17. Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.
18. Original literature of equipment and consumables should be submitted.
19. User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.
20. Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.
21. System should USFDA or European CE approved. Also the system should be IVD approved
22. Electrical: The equipment should be able to run on the existing electrical provision
- 23. B) ELISA Plate Washer**
24. Should have capability to wash flat, U or V bottomed micro plates. 96 well microplate
25. Should have 12 way manifold
26. Should have programmable washing time, volume and soaking time.
- Memory for around 50 programmes including dispensing volume (50-400microlit/well) and multispeed micro plate shaking programme.
1. Should have minimum 6 wash cycles.
2. Should have continuous operating cycle.
3. Should have residual volume less than 2 μ l.

4. Should have removable and autoclavable plate carrier.
5. Should have in-built vacuum and dispensing pumps to ensure accurate and quite washing.
6. Should have waste bottle with full bottle alarm or sufficient mechanism to avoid spillage and damage to equipment
 - **Should be provided with 4-6 bottles. Vol: 4-6lit**
 - **LCD display with membrane key pad.**
 - **Safety device: aerosol cover, removable plate carrier, spill over protection and overflow protection safety system.**
1. Should work with input 200 to 240Vac 50 Hz supply.
2. Should be European CE or US FDA or BIS approved product.
3. Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.
4. Original literature of equipment and consumables should be submitted
5. User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.
6. Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification
7. Electrical: The equipment should be able to run on the existing electrical provision

3. BIOSAFETY CABINET CLASS A2

The system should be **microprocessor** based. The microprocessor must display the inflow and down flow air velocities in real time on an **LED display** to ensure the user knows whether or not the cabinet is working under safe operating conditions.

Inflow velocity: 105fpm (0.5m/sec), downflowvelocity: 55 fpm(0.3m/sec) 70%air recirculation.

- b. Motor must automatically adjust the air flow speed to ensure continuous safe working condition. Air flow shall be as per requirements of Biosafety regulations in respect of at least BSC II A level cabinet.
- c. The cabinet noise level must be less than 60 decibel.
- d. **Dimensions (Cabinet Size): 4 to 6 feet.** The interior of the cabinet shall be of stainless steel or equivalent material and must be smooth to ensure no risk of cuts to the users.
- e. Efficiency of HEPA filter should be almost 99%.
- f. In order to ensure consistent and reliable down flow velocity across the supply HEPA filter over the life of the cabinet, the cabinet must use a pressure sensor (rather than anemometer) to detect pressure drop across the supply filter, rather than in just one point across the down flow. The pressure sensor must be encased in order to protect the sensor form temperature, humidity and other environmental phenomena that can impact the sensor's performance.
- g. Fluorescent lamps for lighting of the interior of the cabinet. Front of the cabinet preferably be angled to help minimize glair.
- h. A provision for UV light to disinfect the interior of the cabinet. UV light must be programmable to allow for specific exposure time from 0 to 24 hrs. Automatic UV switch
-OFF'on opening of front window. The front window should be made of laminated safety glass to protect against leakage of UV rays and to ensure containment of potential hazardous material.
- i. Safety alarm / safety display for:
 - Low air velocity
 - Faulty exhaust fan etc.
- j. Power input to be 220-240 V AC, 50 Hz fitted with Indian plug.
- k. Should be FDA or CE or BIS approved product.
- l. Movable stands.
- m. Warranty should cover UPS and batteries.

Calibration certificate shall be provided at the time of installation in respect of all the parameters that require calibration

4. AUTOMATED BACTERIAL INCLUDING MYCOBACTERIAL CULTURING SYSTEM

- Fully automated system capable of blood, body fluids and mycobacteria testing in the same instrument with minimum 450-500 positions.
- System should be capable enough to culture mycobacterium tuberculosis from respiratory samples, in case if it is required i.e. one system is capable enough to culture blood specimen, sterile body fluid and mycobacterium tuberculosis.
- System should work on the reliable colorimetric principle of detection based on CO₂ sensor to indicate growth of organisms.
- System should have LIS compatibility.
- Every cell should have its own optics and detection device.
- System should have built in calibration check.
- System should have touch screen monitor.
- System should be capable of exporting data to zip drive for long term storage.
- System should have facility of analyzing delayed entry specimens with the routine bottles.
- System should have a capability for continuous monitoring of samples for growth of organism in each cell.
- System should have continuous agitation to provide facility for optimal growth for the organisms.
- System should have special type of culture bottles to neutralize antibiotic effect.
- System should also be capable for detecting yeast and other fastidious organisms.
- System should support use of plastic bottles for safety and ease of disposal.
- System should have interface for lab information system.
- System should have an external bar code reader.
- System should have FDA clearance for blood, sterile body fluids and platelets
- Training of staff for proper functioning should be provided by manufacturer.
- Atleast 250-300 test kits should be provided along with initial system.
- Although adequate infrastructure is present for the installation, but any additional requirement in terms of infrastructure, electrical changes and ambient temperature maintenance to be done by the supplier.
- Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.
- Original literature of equipment and consumables should be submitted.
- User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.
- Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.
- Electrical: The equipment should be able to run on the existing electrical provision
- Comprehensive warranty for 2 years and 5 years AMC after warranty
- Documentation: Certificate of calibration and inspection. List of Equipments: available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
- List of important spare parts and accessories with their part number and costing.
- Should be by US FDA certified.

Should have atleast 3-4 installations in Indian government institutes which are presently in proper working condition

5. AUTOMATED IDENTIFICATION & ANTIBIOTIC SUSCEPTIBILITY SYSTEM

- Fully automated system, used for identification and antimicrobial susceptibility of clinically significant bacteria and yeast (ID and/or AST).
- System should work on advanced colorimetric technology for identification and susceptibility testing.
- The system should have capacity to accommodate at least 55 or more tests (either ID and/or AST tests), at any time.
- System should generate reports in earliest possible period less.
- The system must have a bar code scanning device for test card identification and specimen number entry.
- The system should have Identification cards for Gram negative, Gram positive, Yeast Anaerobic, Bacillus spp. and Neisseria-Haemophilus.
- The System should have a database of at least 3500-4500 reference phenotypes.
- Identification up to species level.
- Antibiotic Susceptibility Test: Direct growth based (up to MIC level)
- The system must provide highest discrimination between species
- The system may have separate cards for Identification and Susceptibility testing
- The software should have the following capabilities
- Workflow management.
- Data storage.
- Test quality control management.
- Test result validation capability and ability to detect antibiotic resistant bacteria.
- Consumables should be disposable sealed bar coded card (ready to use) with pre filled reagents with pre inserted transfer tube for easy automatic transfer of inoculums.
- The system must have the ability to check the quality of test results and stop for validation by Microbiologists
- The system software must have the ability to alert to any unusual resistance mechanism.
- Training of staff for proper functioning should be provided by manufacturer.
- Atleast 250-300 test kits should be provided along with initial system.
- Although adequate infrastructure is present for the installation, but any additional requirement in terms of infrastructure, electrical changes and ambient temperature maintenance to be done by the supplier.
- Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.
- Original literature of equipment and consumables should be submitted.
- User's list should be attached with satisfactory report for the last three years from three blood bank users with contact details.
- Demonstration of performance of equipment is compulsory in nearby area for technical evaluation failing to which will be a disqualification.
- Electrical: The equipment should be able to run on the existing electrical provision. Comprehensive warranty for 2 years and 5 years AMC after warranty
- Documentation: Certificate of calibration and inspection. List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
- List of important spare parts and accessories with their part number and costing.
- Should be US FDA approved

Should have atleast 3-4 installations in Indian government institutes which are presently in proper working condition

VI. Specifications of Items for Department of Forensic Medicine

1. Autopsy saw, with accessories

1. Electrical operated saw suitable for autopsy application.
2. Should have inbuilt motor.
3. Motor speed should be more than 15,000 RPM.
4. Oscillation rate should be more than 30,000 per minute.
5. Should cut bone easily to minimize operator fatigue.
6. Should be attached to HEPA bone dust collector.
7. The equipment should be supplied with following accessories.
8. Light weight Hand piece with inbuilt motor-1
9. Cable for Hand piece attached or separate-1
10. Blades for autopsy saw- 20 no.s.
11. Standard, Safety and Training.
12. The Manufacturer should have ISO certification.
13. Product should be USFDA or EU European CE certified

2. Automatic tissue processing machine

1. Fully automatic carousel type tissue processor.
2. Computerized monitoring multiple programming facilities.
3. Ergonomic control panel with full protected keyboard and LCD
4. Capacity: Up to 200 cassettes.
5. Provision of Gentle agitation in reaction chamber.
6. Automatic transfer of reagents and uniform reagents temperature.
6. Automatic fluid level sensor.
7. Minimum 3 wax baths with adjustable temperature from 40°C to 70°C.
8. Provision of vacuum infiltration.
9. Provision of cleaning of paraffin from reaction chamber after the completion of the process.
10. Provision of lock with password.
11. Provision of Audible alarms, error message and warning codes.
12. Easy editing and changing of programs even during a processing run.
13. Infiltration time separately programmable for each station.
14. Machine should have the option of interrupting an automatic process for reloading or removing cassettes if needed to before the end of a run.
15. Baskets should be automatically immersed in a station during the power failure.
16. Indication of date, time, remaining time in process step, step no. and reagent description.
17. Delay timer upto 7 days.
18. Drain time should not exceed 60 seconds.
19. Safety against reagent fumes.
20. Safety device to protect over vacuum & overheating.
21. UPS of appropriate rating for safety against power failure with six hours power backup
22. The equipment should be USA-FDA and European-CE approved

VII. HOSPITAL ITEMS

Technical Specification of X-Ray View Box

1. Slim, Durable and Effective
2. Energy Efficient: Saving range more than 82%
3. No UV emission
4. Unparalleled latest LED backlight technology
5. Power efficient, LED light with long life up to 100,000 hours
6. Reliable magnetic nipper
7. Initial brightness can be set
8. Film activated switch, automatic shutdown if no film inside for 2 sec
9. 12 step digital dimmer to get the perfect brightness

Parameter		Single Screen	Two Screen	Three Screen	Four Screen
Dimension (mm)	Frame(LxHxT)	500±100 x 500±100 x 30±10mm	900±100 x 500±100 x 30±10mm	1200±100 x 500±100 x 30±10mm	1600±100 x 500±100 x 30±10mm
	Viewing Area(WxH)	400±100 x 500±100	750±100 x 450±100	1100±100 x 500±100	1500±100 x 450±100
Power Consumption		10-20 W	30-40 W	40-50 W	50-70 W
Power Supply Input		LED	LED	LED	LED
Brightness (LUX)		AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Brightness (LUX)		>10,000	>10,000	>10,000	>10,000

SECTION-VII

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

- a) Two years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts wherever applicable) and Turnkey Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/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 for all equipment except CT & MRI** for which CMC would **8 Years** on yearly basis for complete equipment (including X ray tubes, Helium for MRI, 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 5 years CMC will be added for Ranking/Evaluation purpose.
- d) CMC shall commence after successful completion of the warrantee period/ obligations.
- e) The payment of CMC will be made by the Purchaser/Consignee directly 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.

- f) 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.
- g) During CMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- h) All software updates should be provided free of cost during CMC.
- i) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
- j) The payment of CMC will be made as stipulated in GCC Clause 21.

All Equipments to be quoted should be of Latest Model & should be brand new (not refurbished). Equipments, wherever applicable (otherwise mentioned) should be able to transmit data etc through PACS / HIMS.

Turnkey Works:

The Tenderer shall examine the existing site where the equipment is to be installed to assess the site condition for Equipment placement and installation. Whether the scope of Turnkey Works is mentioned in the Technical Specifications or not, the bidder's offer should be on a "Turn Key" basis including all costs associated with the supply, installation and commissioning of the equipment.

For equipment, the major Turnkey work to be carried out 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 Hospital/Institution/Medical College. The Turnkey costs to 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.

Bidders must take into consideration in its bid, the costs to be incurred for any additional work pertaining to civil, Electrical, Plumbing, sanitary, Radiation protection as per Govt. regulation, furniture, servo stabilizers, U.P.S. etc. required for successful installation testing and commissioning of the Medical Equipment and the "All inclusive lump sum price" should include all such costs, each **schedule/package** is to be considered a package in itself and suppliers to execute the order package on a "turn key basis" including all civil, electrical, air – conditioning & allied requirement for the equipment, at the site.

For X-Ray and related equipment, bidders who have Type Approval/NOC of AERB/BARC shall only be considered with documentary evidence. It shall be bidder's responsibility to get the equipment installed and commissioned as per AERB / BARC guidelines and installed and commission on "Turn Key basis". Bidders must take into consideration in its bid the costs to be incurred for any additional work viz. Electrical cabling, plugs of suitable ratings from the source, Electrical points of suitable ratings, water connection, water drainage, plumbing, air-conditioning, Radiation protection/shielding, mechanical & allied requirement for the equipment etc. required for successful installation, commissioning and running of the Equipment and the quoted "All inclusive lump sum price" should include all such costs.

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. b skilled
- c. c unskilled

Signature and seal of the Tenderer

Section – IX

Qualification Criteria

1. The tenderer must be a manufacturer or it's authorized Indian Agent. In case the Manufacturer is not quoting directly, they may authorise their 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 25% of the quoted quantity of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily.

B) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 2 (a) should have executed at least one contract in the last five years from the date of tender opening of similar equipment meeting major parameters of technical specification which is functioning satisfactorily, anywhere in India of the same Manufacturer. Tenders shall submit Performance Certificate / Installation reports & order copies in respect of the above.

Note

3. The tenderer shall give an affidavit as per Section-XIX of the TE document.
 4. In support of 2, the Tenderer shall furnish Performance statement in the enclosed Proforma 'A'.

The manufacturer/Indian Agent as Tenderer shall furnish Satisfactory Performance Certificate/Installation Reports in respect of above, duly notarized in the country of origin, along with the tender.
 5. 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.
 6. 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.
 7. Tenderer shall submit audited balance sheets for the last three years. Annual Turnover statements should be certified by chartered accountant bearing their membership No. The firm should have accumulated profit in last audited financial accounts ending 31st March 2015.
 8. 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

Chief General Manager, HSCC I Ltd.
For & on Behalf of Director General Medical Education & Research (DGMER),
Govt. Of Haryana,
Panchkula

Ref. Your TE document No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver_____ (Description of goods and services) in conformity with your above referred document for the sum of __(**NOT TO MENTION ANY PRICE DURING SUBMISSION IN TECHNICAL OFFER**)_____ (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements. We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – “Special Conditions of Contract”, for due performance of the contract.

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

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

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

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

(Signature with date)

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

SECTION - XI PRICE SCHEDULE

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

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

Total Tender price in Rupees: _____

In words: _____

Note: -

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

Name _____

Business Address _____

Place: _____

Signature of Tenderer _____

Date: _____

Seal of the Tenderer _____

SECTION - XI B) PRICE SCHEDULE

PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD

1	2	3	4	5						6	
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Currency)						Total price 4X 5 (g)	
				FOB/FCA price at port/ airport of Lading (a)	Carriage & Insurance (port of loading to port of destination) and other Incidental costs (b)	CIP Price (name place/port of destination in India (c)= (a) +(b)	# Full Custom Duty (d)	Loading & unloading at name place/port of entry in India + custom clearance +local transportation and storage to the consignee site + Extended Insurance for a period including 3 months beyond date of delivery** (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site ** (f)		Unit Price (g) = c+d+e+f

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

In case Full Custom duty amount not mentioned in the above format by the tenders, it will presumed that the same is inclusive in total price and nothing will be paid extra to the supplier on this account. The custom duty will reimbursed only as per SCC clause no. 1

Total Tender price in foreign currency: _____

In words: _____

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 **Note: -** - Price Schedule C
3. *The Tenderer will be fully responsible for the safe arrival of the goods at destination (consignee site) in good condition as per terms including custom clearance , payment to custom duty to custom department , insurance etc.*

Indian Agency Commission - __% of FOB/FCA

Digital Signature of Tenderer _____

Name _____

Business Address _____

Digital Signature of Tenderer _____

Place: _____

Date: _____

SECTION – XI PRICE SCHEDULE

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

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	6 th **	7 th **	
			a	B	c	d	e	f	g	h

* After completion of Warranty period

** To quote in case of MRI only

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 (**8 Years in case of MRI**) on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place: _____

Date: _____

Name _____

Business Address _____

Signature of Tenderer _____

Seal of the Tenderer _____

SECTION XI- PRICE SCHEDULE
D) PRICE SCHEDULE FOR TURNKEY

Schedule No.	BRIEF TURNKEY DESCRIPTION OF GOODS	CONSIGNEE	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

Place: _____

Date: _____

Name_____

Business Address_____

Signature of Tenderer_____

Seal of the Tenderer_____

Section XI - Price Schedule for Items mentioned as - Optional or To be Quoted Separately

Sr no.	Name of Part	Part No.	Qty	Unit price inclusive of all taxes, duties, transportation, incidental cost etc. up to Consignee Site (Any currency)	Total price inclusive of all taxes, duties, transportation, incidental cost etc. up to Consignee Site (Any currency)
	S. No. & Name of Equipment -				
1					
2					
3					
4					
5					
	Total				

Total Price (In words): _____

Name of Tenderer _____
 Business Address _____

Place: _____
Date: _____

Signature of tenderer _____
 Seal of the tenderer _____

SECTION - XII
QUESTIONNAIRE

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

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

SECTION - XIII
BANK GUARANTEE FORM FOR EMD

To
HSCC I Ltd.
E-6A, Sector-1, Noida -201301

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:-

- a) fails or refuses to furnish the performance security for the due performance of the contract.
- or
- b) fails or refuses to accept/execute the contract.
- or
- c) 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 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

To

Chief General Manager, HSCC I Ltd.
For & on Behalf of Director General Medical Education & Research (DGMER),
Govt. Of Haryana,
Panchkula

Dear Sirs,

Ref. Your TE document No _____, dated _____

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

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

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

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 to legally bind the manufacturer.
2. Original letter may be sent.*

SECTION - XV

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC* SECURITY

To
Chief General Manager, HSCC I Ltd.
For & on Behalf of Director General Medical Education & Research (DGMER),
Govt. Of Haryana,
Panchkula

WHEREAS _____ (Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no _____ dated _____ to supply (description of goods and services) (herein after called "the contract").
AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;
AND WHEREAS we have agreed to give the supplier such a bank guarantee;

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

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

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

This guarantee shall be valid up to 30/66 months from the date of Notification of Award i.e. up to ----- (indicate date)

* **For CMC the BG shall be addressed to the Consignee**

.....
(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) _____

2. 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
 3. Warranty clause
 4. Payment terms
 5. 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: _____

SECTION - XVI
CONTRACT FORM - B
CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT

Annual CM Contract No. _____ **dated** _____
 Between _____

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

(Name & Address of the Supplier)

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

In continuation to the above referred contract

6. 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 ⁿ _d	3 ^r _d	4 th	5 th	
			a	b	c	d	e	

Would be for 8 years in case of CT and MRI

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

- b) The CMC commence from the date of expiry of all obligations under Warranty i.e. from _____ (date of expiry of Warranty) and will expire on _____ (date of expiry of CMC)
- c) The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, ___ & ___) and Turnkey (if any).
- d) There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- e) During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- f) All software updates should be provided free of cost during CMC.

- g) The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. _____ [(fill amount) equivalent to 2.5 % of the cost of the equipment as per contract] shall be furnished in the prescribed format given in Section XV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser/Consignee.
- h) If there is any lapse in the performance of the CMC as per contract, the proceeds Annual CMC bank guarantee for an amount of Rs. _____ (equivalent to 2.5 % of the cost of the equipment as per contract) shall be payable to the Consignee.
- i) **Payment terms:** The payment of Annual CMC will be made against the bills raised to the consignee by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned. The payment will be made in Indian Rupees.
- j) **Paying authority:** _____ (name of the consignee i.e. Hospital/ Institute /Medical College's authorised official)

**(Signature, name and address
of Hospital/Institute/Medical College's authorised official)
For and on behalf of _____**

Received and accepted this contract

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

For and on behalf of _____
(Name and address of the supplier)

(Seal of the supplier)

Date: _____

Place: _____

SECTION - XVII CONSIGNEE
RECEIPT CERTIFICATE

(To be given by consignee's authorized representative)

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

- 1) Contract No. & date : _____
- 2) Supplier's Name : _____
- 3) Consignee's Name & Address with
telephone No. & Fax No. : _____
- 4) Name of the item supplied : _____
- 5) Quantity Supplied : _____
- 6) Date of Receipt by the Consignee : _____
- 7) Name and designation of
Authorized Representative of
Consignee : _____
- 8) Signature of Authorized
Representative of Consignee with
date : _____
- 9) Seal of the Consignee : _____

SECTION - XVIII

Proforma of Final Acceptance Certificate by the Consignee

No _____

Date _____

To

M/s _____

Subject: Certificate of commissioning of equipment/plant.

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

(a) Contract No _____ dated _____

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

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

(d) Quantity: _____

(e) Bill of Loading/Air Way Bill/Railway
Receipt/ Goods Consignment Note no _____ dated _____

(f) Name of the vessel/Transporters: _____

(g) Name of the Consignee: _____

(h) Date of commissioning and proving test: _____

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

Sl. No.	Description of Item	Quantity	Amount to be recovered No.
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The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily ## or

The supplier has failed to fulfil its contractual obligations with regard to the following:
He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specifications'.

He has not supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the

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

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

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

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

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

Signature

Name

Designation with stamp

Explanatory notes for filling up the certificate:

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/debarred 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 that the 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

Name of Tenderer:

Name of Manufacturer:

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

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
5. a.	Have you submitted satisfactory performance certificate/ Installation Reports 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/ Installation Reports?			
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?			

SI No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
13.	Have you submitted the certificate of incorporation?			
14.	Have you accepted the warranty as per TE document?			
15.	Have you accepted terms and conditions of TE document?			
16.	Have you furnished documents establishing your eligibility & qualification criteria as per TE documents?			
17.	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening duly certified by chartered accountant bearing their membership no.?			
18.	Have you enclosed the Affidavit as per Section XIX of the TE Document?			

N.B.

1. All pages of the Tender should be page numbered and indexed.
2. The Tenderer may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
2. It is the responsibility of tendered to go through the TE document to ensure furnishing all required documents in addition to above. if any.

(Signature with date)

**(Full name, designation & address of the person duly authorised sign on behalf of
the Tenderer)
For and on behalf of**

(Name, address and stamp of the tendering firm)

Section - XXI
Consignee List

Consignee	Medical Institutions	Contact Address.
	Director, Kalapana Chawla Govt. Medical College, Model Town, Karnal.	Director, Kalapana Chawla Govt. Medical College, Model Town, Karnal.

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

END OF THIS DOCUMENT