

# **NATIONAL TENDER ENQUIRY DOCUMENT**

**FOR PURCHASE OF MEDICAL EQUIPMENT**

**FOR**

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

**Tender Enquiry No.:**  
**HSCC/KCGMC/Medical Equipment/2015-03**  
**Dated 22/10/2015**

**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](http://www.hsccltd.com)**

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

Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2015-03

Dated 22.10.2015

**NOTICE INVITING TENDERS (NIT) - 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 Hospital & OPD Block at Kalpana Chawla Govt. Medical College, Karnal, Haryana:**

S. No.	Medical Equipment & Department
A.	DEPARTMENTS OF MEDICINE
B.	DEPARTMENTS OF PAEDIATRICS
C.	DEPARTMENT OF PSYCHIATRY
D.	DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

The bidders are required to be registered at HSCC e-tender portal [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC). Please log on to [www.tenderwizard.com/HSCC](http://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](http://www.tenderwizard.com/HSCC). Bidders may also visit [www.kcgmkarnal.org](http://www.kcgmkarnal.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 Tender Enquiry Document have been made available at E-Tender portal [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC), [www.hsccltd.com](http://www.hsccltd.com) (URL: [www.hsccltd.co.in](http://www.hsccltd.co.in)) for downloading from **28.10.2015 to 18.11.2015**. Prospective bidders are advised to regularly visit / scan through HSCC E-tender portal [www.tenderwizard.com/HSCC](http://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.

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

**SECTION- I**

**NOTICE INVITING TENDERS (NIT)**  
 For NATIONAL TENDER ENQUIRY DOCUMENT  
**HSCC (INDIA) LTD**  
 (A GOVERNMENT OF INDIA ENTERPRISE)  
 Plot No. 6-A, Block-E, Sector-1, NOIDA (U.P.) – 201 301

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

**Tender Enquiry No.: HSCC/KCGMC/Medical Equipment/2015-03**

**Dated 22.10.2015**

**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 Hospital & OPD Block at KalpanaChawla Govt. Medical College, Karnal, Haryana:**

**A. DEPARTMENTS OF MEDICINE**

Sl No.	Name of the Article	Qty.	Department	EMD Rs.
1	ECG Machine (Single Channel/ 6 channel / 12 channel)	12	Medicine	60,000.00
2	Colonoscope (Flexible) (Video)	2	Medicine	1,00,000.00
3	Fiberoptic bronchoscope	2	Medicine	80,000.00
4	Heamodialysis machine	4	Medicine	64,000.00
5	Tread Mill test machine	1	Medicine	20,000.00
6	Upper GI endoscope (Video)	2	Medicine	1,00,000.00
7	Video Electro Encephalogram (EEG) machine	1	Medicine	50,000.00

**B. DEPARTMENTS OF PAEDIATRICS**

SI No.	Name of the Article	Qty.	Department	EMS Rs.
1	Radiant Warmer	1	Paediatrics	20,000.00
2	Infant Incubator	1	Paediatrics	16,000.00
3	Phototherapy Unit	1	Paediatrics	8,000.00

**C. DEPARTMENT OF PSYCHIATRY**

SI No.	Name of the Article	Qty.	Department	EMD Rs.
1	(E.C.T.) machine preferably with ECG & EEG monitoring	2	Psychiatry	40,000.00
2	EEG Machine	1	Psychiatry	50,000.00
3	Lithium analyzer	1	Psychiatry	10,000.00
4	Thin layer chromatography (for drug dependence treatment)	1	Psychiatry	12,000.00

**D. DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY**

Item no.	Name of the Article	Qty.	Department	EMD Rs.
(i) GENERAL				
1	EA+ECC sets	20	Obs & Gyno	1,20,000.00
2	Coloposcope	2	Obs & Gyno	40,000.00
3	NST machine	4	Obs & Gyna	80,000.00

**(ii) Main Operation Theatre**

4	Abdominal Hysterectomy set (arteries, scissors, scalpel, Allis's kelly's clamp, babcock forceps, thumb forceps Harington & Richardson retrators). 06 nos for (ii) Main OT , 02 Nos for (xi) MATERNITY O.T.	08	Obs & Gyno	48,000.00
5	Vaginal Hysterectomy set (Scalpel, scissors, metal catheter, slim's Speculum, voesellum, kelly's clamps, right angle retractor, arteries, Allis, uterine sound bladder sound).	6	Obs & Gyno	36,000.00
6	Hystroscopy set	2	Obs & Gyno	80,000.00

**(iii) SPECIAL EQUIPMENT**

7	Co2 and Nd Yag laser	1	Obs & Gyno	120000.00
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**(iv) LABOUR ROOM**

8	Delivery sets	20	Obs & Gyno	1,20,000.00
9	Cardiotocogram machine (CTG) - 05 Nos for Labour room , 02 nos for (xi) WARDS	7	Obs & Gyno	91,000.00

**(xi) MATERNITY O.T.**

10	Set for LSCS	10	Obs & Gyno	60,000.00
11	D and C set- 10 set & MPT- 10 sets	20	Obs & Gyno	20,000.00
12	Infusion Pump	6	Obs & Gyno	7,200.00

13	Contact microhystroscope	01	Obs & Gyno	16,000.00
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- The bidders are required to be registered at HSCC e-tender portal [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC). Please log on to [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC) only for downloading Tender Enquiry Document and for participation through **E-tendering basis**.

For submission and other details please refer HSCC e-tender portal [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC). Bidders may also visit [www.kcgmckarnal.org](http://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 Tender Enquiry Document have been made available at E-Tender portal [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC), [www.hsccltd.com](http://www.hsccltd.com) (URL: [www.hsccltd.co.in](http://www.hsccltd.co.in)) for downloading from **28.10.2015 to 18.11.2015**. Prospective bidders are advised to regularly visit / scan through HSCC E-tender portal [www.tenderwizard.com/HSCC](http://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.

**Tender No.: HSCC/KCGMC/Medical Equipment/2015-03 Dated: 28.10.2015**

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	<b>30.10.2015 to 20.11.2015, 10:00 hrs to 14:00 hrs IST</b>
ii.	Place of sale of Tender Enquiry Documents	HSCC (India) Ltd, Plot No. 6-A, Block-E, Sector-1, Noida (U.P)-201301
iii.	Cost of the Tender Enquiry Document	INR 5, 000/-
iv.	Pre Tender Meeting Date & Time	<b>05.11.2015, 14:00 hrs. IST</b>
v.	Pre Tender Meeting Venue	Same as (ii) above
vi.	Closing date & time for receipt of Tender	<b>20.11.2015., 14:30 hrs IST</b>
vii.	Time and date of opening of Techno - Commercial tenders	<b>20.11.2015, 15:00 hrs IST</b>
viii	Venue of Opening of Techno Commercial Tender	Same as (ii)

2. Interested tenderers may obtain further information about this requirement from this office inviting the tenders.
3. The prospective bidders who have not registered can register with E-procurement system of NIC by paying necessary registration charges. The bidders may prepare a banker cheque/Draft in favour of 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.
- (iii) Technical compliance for the quoted goods vis-à-vis the Technical specifications with all related brochures/catalogues in the tender enquiry

**B. Online (Part-II)**

- (i) Tender Fee and EMD.
- (ii) Power of Attorney as per Section XXIII
- (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) Bid summary sheet as per Section XXII
- (xii) Bidder Information as per Section XXIV
- (xiii) Bidder shall submit copy of most recent purchase order placed by Central govt./ State govt./ PSU/Autonomous body / Institute/ hospital of same model of equipment.

**C. Online (Part-III)**

- (i) Technical compliance for the quoted goods vis-à-vis the Technical specifications with all related brochures/catalogues in the tender enquiry, technical bid.

**D. Price Bid (Only online).**

- (i) Price Schedule.
- (ii) CMC Price Schedule.
- (iii) Turnkey Price Schedule

**Note: All above documents shall be Signed & Stamped before scan & upload.**

- 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 Tender Enquiry Document has been made available at E-Tender portal [www.tenderwizard.com/HSCC](http://www.tenderwizard.com/HSCC), [www.hsccltd.com](http://www.hsccltd.com) 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](http://www.tenderwizard.com/HSCC). Please log on to [www.tenderwizard.com/HSCC](http://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](http://www.tenderwizard.com/HSCC).

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](http://www.tenderwizard.com/HSCC) & [www.hsccltd.com](http://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 DGMR, Panchkula.**



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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.
- (xiv) "Day" means calendar day.
- (xv) "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.
- (xvi) "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:

- 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)
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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, Pre-qualification as per Tender Terms and referred in checklist at section XX and as mentioned in para A below.
  - (ii) Technical Bid
  - (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 DDP basis 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 **180 days**, the EMD shall be valid for **225 days** from Techno – Commercial Tender opening date.
- 19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.
- 19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.
- 19.8 In the case of Bank Guarantee furnished from banks outside India (i.e. foreign Banks), it should be authenticated and countersigned by any nationalised bank in India by way of back-to-back counter guarantee.

## **20. Tender Validity**

- 20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of **180 days (One hundred Eighty 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.

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

**37. Contacting the Purchaser**

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

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

**G. AWARD OF CONTRACT**

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

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

**39. Award Criteria**

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

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

40.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to 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 be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

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

#### **42. Issue of Contract**

42.1 Promptly after notification of award, the Purchaser/Consignee will mail the contract form (as per Section 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 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 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 " Director General, Medical Education & Research, Govt. of Haryana, Panchkula, Haryana".

**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 Tender Enquiry Document. 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 (8 Years CMC in case of CT Scan & MRI) 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

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

<b>Sl No.</b>	<b>Topic</b>	
1	Application	
2	Use of contract documents and information	
3	Patent Rights	
4	Country of Origin	
5	Performance Security	
6	Technical Specifications and Standards	
7	Packing and Marking	
8	Inspection, Testing and Quality Control	
9	Terms of Delivery	
10	Transportation of Goods	
11	Insurance	
12	Spare parts	
13	Incidental services	
14	Distribution of Dispatch Documents for Clearance/Receipt of Goods	
15	Warranty	
16	Assignment	
17	Sub Contracts	
18	Modification of contract	
19	Prices	
20	Taxes and Duties	
21	Terms and mode of Payment	
22	Delay in the supplier's performance	
23	Liquidated Damages	
24	Termination for default	
25	Termination for insolvency	
26	Force Majeure	
27	Termination for convenience	
28	Governing language	
29	Notices	
30	Resolution of disputes	
31	Applicable Law	
32	With-holding & Lien	
33	General/Miscellaneous Clauses	
34	Additional Factors & Parameters for Evaluation & Ranking of Responsive Tenders	

## **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 ware house to ware house (consignee site) on all risk basis.

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will 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.

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.

B) For goods imported from abroad

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

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

**15. Warranty**

- 15.1 The supplier warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials (*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** (8 years in case of CT Scan & MRI) for all the equipments 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 Tender Enquiry Document.
- 15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause for non rectification will be applicable as per tender conditions

- 15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended to a further period of twenty four (24) months from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
- 15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 3 months commencing from the date of the installation for preventive maintenance of the goods
- 15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.
- 15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipments supplied by them to the purchaser for 10 years from the date of installation and handing over.
- 15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipments/machines/goods etc. and shall always give the most competitive price for its machines/equipments supplied to the Purchaser/Consignee.

## **16. Assignment**

- 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 the nominated Inspection agency, if any.
- (v) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
- (vi) Certificate of origin.

**b) On Acceptance:**

Balance 20% payment would be made against 'Final Acceptance Certificate' as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. Final acceptance certificate will be released by the consignee on completion of installation, commissioning, training, successful running of equipment (at least 2-3 weeks) and handing over the equipment to the consignee.



**B) Payment for Imported Goods:**

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

**a) On Shipment:**

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.

**b) On Acceptance:**

Balance payment of 20% of net CIP price of goods would be made against 'Final Acceptance Certificate' as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. Final acceptance certificate will be released by the consignee on completion of installation, commissioning, training, successful running of equipment (at least 2-3 weeks) and handing over the equipment to the consignee.

- c) **Payment of Incidental Costs** till consignee site & Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) will be paid in Indian Rupees to the Indian Agent on proof of final installation, commission and acceptance of equipment by the consignee.
- d) **Payment of Indian Agency Commission:** Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.

**C) Payment of Turnkey, if any:**

Turnkey payment will be made 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 receipted by the consignee or any communication from the purchaser or the consignee about non-receipt, shortage or defects in the goods supplied. I/We \_\_\_\_ agree to make good any defect or deficiency that the consignee may report within three months from the date of receipt of this balance payment.

**22. Delivery/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.

**24. Termination for default**

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

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

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

**25. Termination for insolvency**

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

**26. Force Majeure**

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

26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of , the party claiming to be affected by such event and which has caused the non - performance or delay in performance. Such events may include, but are not restricted to, acts of the Purchaser/Consignee either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, and freight embargoes.

26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one

days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

- 26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 26.5 In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above subparagraphs.

## **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. Bidder must take into consideration in its bid, costs to be incurred for any additional work pertaining to civil, Electrical, Plumbing, sanitary, **radiation protection as per Govt. regulation/or equivalent as per local statutory conditions, any statutory approval**, servo stabilisers, U.P.S. etc. if required for successful installation testing and commissioning of the system/ equipment in the "All inclusive lump sum price"/ turnkey work. Supplier is entirely responsible for any additional work pertaining to minor civil work, electrical, plumbing, sanitary, radiation protection as per govt. regulation/or equivalent as per local statutory conditions , any statutory approval required for equipment, servo stabilisers, U.P.S. etc. if required for successful installation testing and commissioning of the system/ equipment in the "All inclusive lump sum price"/ turnkey work.
2. **The contract will be turnkey** bidder must take into consideration in its bid, costs to be incurred for supply of equipment from **ware house to consignee**, installation, testing, commissioning, training, packing & forwarding cost, all taxes, all duties, custom clearance charges, loading & unloading charges, site visit charges, two year compressive warranty cost including all spare, any other cost for successful installation & commissioning of system/ equipment.
3. The pre delivery inspection carried out by **third party Inspection agency viz LLOYDS/SGS (item not manufactured in India)**. The supplier shall arrange III party Inspection agency approved by HSCC. All charges for 3<sup>rd</sup> party inspection shall be borne by the supplier. Therefore same charges shall take into consideration in its bid.
4. **Distribution of Dispatch Documents for Clearance/Receipt of Goods**
  - A. **For goods imported from abroad:** The stores (**Import origin goods**) should be despatched only after ensuring prudent inspection carried out by third party Inspection Agencies viz. **LLOYDS/SGS** and proof of such documents submitted to HSCC for the goods inspected. Inspection Agency shall inspect of equipment as per contract technical specification and submit test reports along with confirmation of technical compliance of the equipment with respect to tender specifications. HSCC on receipt of such documents shall issue **Dispatch note**. The inference of 3<sup>rd</sup> party the test report shall be as "the inspected quoted model meets tendered specification in all respect"

To enable HSCC to issue 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.
2. Copy of Notification of award/supply order.
3. Manufacture internal test report.
4. Quality & Quantities Certificate



5. Country of Origin
6. Warranty certificate
7. Thirty part inspection agency report by SGS/ LLOYDS.
8. Copy of Insurance as per tender document.

**B. For Domestic Goods, including goods already imported by the supplier under its own arrangement**

To enable HSCC to issue Despatch note, supplier/manufacture is to furnish the following documents in **two sets**:

1. Copy HSCC inspection report.
2. Packing list as per tender terms showing Notification of award reference.
3. Internal factory Inspection report of manufacturer showing Notification of award reference.
4. Copy of Notification of award /supply order.
5. Copy of Insurance

After scrutiny, if the documents found in order, **Dispatch note** shall be issued to the supplier.

**No goods (both Indians & Import origin goods) shall be despatched before issue of Despatch note issued by purchaser / consignee.**

4. Purchaser's / consignee's contractual right to inspect/ demo before issue despatch note for already import / domestic goods.
5. For Import origin goods quoted, the Supplier or the Indian agent shall have to arrange at his own cost for all import/custom clearance handling formalities. Purchaser upon advance notice from supplier shall only provide the CDEC (Custom Duty Exemption Certificate), Octroi Exemption Certificate, etc. wherever required. Custom duty Exemption Certificate will be issued by Client, However, supplier will submit all relevant document and coordinate for the same to get clearance of the good from custom department in advance in order to avoid demurrage charges on the goods.
6. The custom duty against CDEC paid to custom department if any, will be reimbursed separately as actual. In case no CDEC provided by client, full amount of custom duty paid to custom department will be reimbursed as actual on submission of documentary proof.
7. **Warranty of Medical Equipment:** Two years Comprehensive Warranty from date of installation & commission as per Conditions of Contract of the TE document.
8. **Tender Validity:** The tenders shall remain valid **180 days (One hundred and eighty days)** from the date of Techno – Commercial Tender opening, date prescribed in the TE document. The EMD shall be valid for **225 days** from Techno – Commercial Tender opening date
9. The validity of bid security (EMD) shall be considered from the original date of submission of bid/ tender in case tender opening date extended.

10. Bidder shall submit copy of most recent purchase order placed by Central govt./ State govt./ PSU/Autonomous body / Institute/ hospital of same model of equipment.

**SECTION - VI  
LIST OF REQUIREMENTS**

**A. DEPARTMENTS OF MEDICINE**

<b>SI No.</b>	<b>Name of the Article</b>	<b>Qty.</b>	<b>Department</b>	<b>EMD Rs.</b>
1	ECG Machine (Single Channel/ 6 channel / 12 channel)	12	Medicine	60,000.00

HSCC (India) Limited

2	Colonoscope (Flexible) (Video)	2	Medicine	1,00,000.00
3	Fiberoptic bronchoscope	2	Medicine	80,000.00
4	Heamodialysis machine	4	Medicine	64,000.00
5	Tread Mill test machine	1	Medicine	20,000.00
6	Upper GI endoscope (Video)	2	Medicine	1,00,000.00
7	Video Electro Encephalogram (EEG) machine	1	Medicine	50,000.00

**B. DEPARTMENTS OF PAEDIATRICS**

SI No.	Name of the Article	Qty.	Department	EMS Rs.
1	Radiant Warmer	1	Paediatrics	20,000.00
2	Infant Incubator	1	Paediatrics	16,000.00
3	Phototherapy Unit	1	Paediatrics	8,000.00

**C. DEPARTMENT OF PSYCHIATRY**

SI No.	Name of the Article	Qty.	Department	EMD Rs.
1	(E.C.T.) machine preferably with ECG & EEG monitoring	2	Psychiatry	40,000.00
2	EEG Machine	1	Psychiatry	50,000.00
3	Lithium analyzer	1	Psychiatry	10,000.00
4	Thin layer chromatography (for drug dependence treatment)	1	Psychiatry	12,000.00

**D. DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY**

Item no.	Name of the Article	Qty.	Department	EMD Rs.
(i) GENERAL				
1	EA+ECC sets	20	Obs & Gyno	1,20,000.00
2	Coloposcope	2	Obs & Gyno	40,000.00
3	NST machine	4	Obs & Gyna	80,000.00

(ii) Main Operation Theatre

4	Abdominal Hysterectomy set (arteries, scissors, scalpel, Allis's kelly's clamp, babcock forceps, thumb forceps Harington & Richardson retrators). 06 nos for (ii) Main OT , 02 Nos for (xi) MATERNITY O.T.	08	Obs & Gyno	48,000.00
5	Vaginal Hysterectomy set (Scalpel, scissors, metal catheter, slim's Speculum, voesellum, kelly's clamps, right angle retractor, arteries, Allis, uterine sound bladder sound).	6	Obs & Gyno	36,000.00
6	Hystroscopy set	2	Obs & Gyno	80,000.00

(iii) SPECIAL EQUIPMENT

7	Co2 and Nd Yag laser	1	Obs & Gyno	120000.00
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(iv) LABOUR ROOM

8	Delivery sets	20	Obs & Gyno	1,20,000.00
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9	Cardiotocogram machine (CTG) - 05 Nos for Labour room , 02 nos for (xi) WARDS	7	Obs & Gyno	91,000.00
(xi)MATERNITY O.T.				
10	Set for LSCS	10	Obs & Gyno	60,000.00
11	D and C set- 10 set & MPT- 10 sets	20	Obs & Gyno	20,000.00
12	Infusion Pump	6	Obs & Gyno	7,200.00
13	Contact microhystroscope	01	Obs & Gyno	16,000.00

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

30 days from date of Notification of Award except for MRI, CT Scan, DR System, DRF System, DSA, Gamma Knife, Gamma Camera, PET CT, Cath Lab. for which the delivery period will be 60 days from 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:**

30 days from date of opening of L/C except for MRI, CT Scan, DR System, DRF System, DSA, Gamma Knife, Gamma Camera, PET CT, Cath Lab. for which the delivery period will be 60 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 except for MRI, CT Scan, DR System, DRF System, DSA, Gamma Knife, Gamma Camera, PET CT, Cath Lab. for which installation & commissioning to be done within 30 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 Tender Enquiry 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 Basis giving break up of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on DDP Consignee basis. The shipping arrangements shall be made by the supplier accordingly.

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.

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.

## **Section – VII Technical Specifications**

**DETAILED TECHNICAL SPECIFICATIONS ARE  
PROVIDED AT THE END OF THIS DOCUMENT**

## **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** (8 years in case of CT Scan & MRI) 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 (**8 years in case of CT Scan & MRI**) 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. 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 50% of the quoted quantity of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily in Government Hospitals / Private Hospitals / PSU Hospital/ UN Agencies. Tenders shall submit Performance Certificate / Installation reports & order copies in respect of the above.  
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. 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(a) & 2(b), 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.

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.

5. 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.
6. Tender 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 be Profit making company.
7. 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

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Chief General Manager

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

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**(Signature with date)**

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**(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**

Item no. : \_\_\_\_\_ Equipment Model no. : \_\_\_\_\_  
 Name of Item : \_\_\_\_\_ Equipment Make \_\_\_\_\_

1 Item no.	2 Brief Description of Goods	3 Country of Origin	4 Quantity (Nos.)	5 Price per unit (Rs.)						6 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)
					(b)	(c)	(d)		(f)	(g)	4 x 5 (g)
										=a+b+c+d+e+f	

Total Tender price in Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

**Note: -**

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

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

Seal of the Tenderer \_\_\_\_\_

**SECTION - XI PRICE SCHEDULE**

**B) PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD**

Item no. : \_\_\_\_\_ Equipment Model no. : \_\_\_\_\_  
 Name of Item : \_\_\_\_\_ Equipment Make : \_\_\_\_\_

1	2	3	4	5				6		
				Item no.	Description of Goods	Country of Origin	Quantity (Nos.)		Price per unit (Currency)	
				FOB/FCA price at port/airport of Lading	Carriage & Insurance (port of loading to port of destination) and other incidental costs (b)	CIP Price (name place/port of destination in India (c)	Loading & unloading at name place/port of entry in India + local transportation and storage to the consignee site + Extended Insurance for a period including 3 months beyond date of delivery** (d)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site ** (e)	Unit Price on CIP Port of destination + Extended Insurance+ local transportation and storage at consignee site) (f) = a+b+c	Total price on CIP Port of destination + Extended Insurance+ local transportation and storage at consignee site)

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

Total Tender price in foreign currency: \_\_\_\_\_ and INR -----  
 In words: \_\_\_\_\_

**Note: -**

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section - XI - Price Schedule C
3. The Tenderer will be fully responsible for the safe arrival of the goods at destination (consignee site) in good condition as per terms of DDP at Consignee's site as per INCOTERMS, if applicable

Custom Duty @ 11.76% & Custom Clearance Charges @ 2% will be added to CIP charges to arrive at DDP Price at consignee site for evaluation purpose.  
 Indian Agency Commission - \_\_\_% of FOB/FCA  
 Signature of Tenderer: \_\_\_\_\_

Name: \_\_\_\_\_  
 Business Address: \_\_\_\_\_  
 Signature of Tenderer: \_\_\_\_\_  
 Seal of the Tenderer: \_\_\_\_\_

**SECTION - XI PRICE SCHEDULE**  
**PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD**

C) Item no.	2 BRIEF DESCRIPTION OF GOODS	3 QUANTITY. (Nos.)	4 Annual Comprehensive Maintenance Contract Cost for Each Unit year wise* (Inclusive of service tax & VAT, Excise duty)					5 Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)] (Inclusive of service tax, VAT, Excise duty)
			1st	2nd	3rd	4th	5th	
			a	B	c	d	e	

\* After completion of Warranty period

**NOTE:-**

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years (8 Years in case of CT Scan & 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.

Name \_\_\_\_\_  
 Business Address \_\_\_\_\_  
 Signature of Tenderer \_\_\_\_\_  
 Seal of the Tenderer \_\_\_\_\_

Place: \_\_\_\_\_  
 Date: \_\_\_\_\_



**SECTION XI- PRICE SCHEDULE  
D) PRICE SCHEDULE FOR TURNKEY**

Item no.	BRIEF TURNKEY DESCRIPTION OF GOODS	CONSIGNEE	Turnkey price Rs. ( inclusive of all works tax & other all taxes)

**Note: -**

1. The cost of Turnkey as per Technical Specification (Section VII) may be quoted on lump sum along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
2. Cost of Turnkey will be added for Ranking/Evaluation purpose.
3. The payment of Turnkey will be made as per clause GCC clause 21.1 (c).
4. The stipulations in Technical Specification will supersede above provisions

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

Seal of the Tenderer \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION – XII  
QUESTIONNAIRE**

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

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

**SECTION - XIII**  
**BANK GUARANTEE FORM FOR EMD**

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

- (1) If the Tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the Tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-

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)

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Name and designation of the officer

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

**SECTION – XIV  
MANUFACTURER’S AUTHORISATION FORM**

To

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Chief General Manager

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

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

HSCC (India) Ltd

---

.....  
.....  
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 <sup>st</sup>	2 <sup>n</sup> <sub>d</sub>	3 <sup>r</sup> <sub>d</sub>	4 <sup>th</sup>	5 <sup>th</sup>	
			a	b	c	d	e	

Total value (in figure) \_\_\_\_\_ (In words) \_\_\_\_\_

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

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

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**

**On non judicial stamp papers**

I/ We have read and understood the all instructions and all terms and conditions contained in the TE document.

I/ We are fully agreed all the terms and conditions of TE document including SIT, SCC, amendment/ corrigendum, technical specification issued till opening of bid. In case, anywhere any conditional terms found in our bid, the same shall be treated as deleted/cancelled/ withdrawn from our bid. Whenever there is a conflict, the acceptance of all terms and conditions of TE document in the tender form/ bid form / affidavit shall prevail only.

I/We (manufacturer and /or manufacture authorised agent) shall jointly and severally liable to perform all contractual obligations under the agreement.

I/We (manufacturer and /or manufacture authorised agent) confirm that we do not stand deregistered/ banned/ blacklisted/ debarred by any Govt. Authorities in India.

I/We hereby confirm and 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 hereby certify that all information and documents submitted in this tender are true to the best of our knowledge and belief and that nothing material has been concealed/ misrepresented. I/We are solely responsible for its accuracy.

In case, at any stage, any of the information/ document is found to be false/ misrepresentation, I/we (manufacturer and /or manufacture authorised agent) shall be fully liable and the purchaser/HSCC shall have full right to reject my bid/ cancel the purchase order and / or stop payment / recover the liabilities/ loss if any, from our balance payment /EMD/ performance security etc. I / We are liable for any action as deemed fit by the purchaser/HSCC in addition to forfeiture of the earnest money/ performance security.

Signature:

Name:

Designation

Seal:

**Note:**

- **Original copy of Affidavit is to be submitted as instructed in the tender. The original document duly signed and stamped is to be scan & upload**
- **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:**

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



SI 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 180 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?			

Sl 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.

11. All pages of the Tender should be page numbered and indexed.
12. 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)**

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## 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.

## Section - XXII

### **BID SUMMARY SHEET**

#### **1. Bidding document fee Details:**

DD No.	Date	Amount Rs.	Name of Bank
XXXX	XX.XX.2014	XXXXX	State Bank of India

- Tender document / Bidding document fee Rs. 5000/-
- DD should be favour of "**HSCC (India) Ltd**" payable at New Delhi/ Noida.

#### **2. EMD Detail:**

##### **A. If EMD/bid security in the form of Demand Draft:**

Item sr, no.	#DD No.	Date	Amount Rs.	Name of Bank

# Demand Draft (i.e. DD), then DD shall be in favour of **HSCC (India) Ltd**" payable at New Delhi/ Noida

##### **B. If EMD/bid security in the form of Bank Guarantee:**

Item no.	BG no.	Date	Amount Rs.	Name of Bank	BG Validity
15	XXXX	XX.XX.2014	XXXX	State Bank of India	XX.XX.2015

- **Name of Bank Manager who has issued BG : Ram Singh**
- **Mobile number of Bank Manager : 1234567890**
- **Email ID of Bank Manager : ram@sbi.com**

#### **3.**

Bid offer:

Sr. Item no	Quoted qty.	Name of Bidder	Address of Manufacture	Model no.
15	5	Rama	Sterling	124D

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Signature:  
Name:  
Designation  
Seal:

## Section - XXIII

### Power of Attorney

IFB No.

I -----, *Sole Proprietor' of M/s -----, or Board of Director of M/s -----* hereby authorised *Sh. -----, -----* to sign all tender documents, participate in negotiations, make correspondence and sign all documents to the client and government statutory bodies for approval take decisions.

He hereby authorized to sign and execute the agreement etc. for the works and all other documents relating to the works awarded or being executed by *M/s -----*  
Signature of *Sh. -----, -----* is attested below.

-----  
Sole Proprietor/ Board of Director  
M/s -----  
Sealed

Sh. -----  
Designation

- **Power of attorney is to be signed by competent authority i.e. Sole Proprietor of the firm or Board of Director of the company.**
- **The original document duly signed and stamped is to be scan & upload.**

## **Section - XXIV**

### **Bidder Information**

Bidder correspondence Address :

Bidder Email ID :

Bidder contact number :

Bidder contact person :

Manufacture correspondence address :

Manufacture Email ID :

Manufacture contact number :

Signature:

Name:

Designation

Seal:

## **TECHNICAL SPECIFICATIONS**

### **A. Department of Medicine**

#### **Item no. 01**

**Name of Item : ECG Machine – 12 Channels with Interpretation**

Inspection has been carried out as per Technical detail are as follows:

	<b>Technical Specification</b>
1	State of the art 12 channel digital ECG machine with simultaneous acquisition of all leads and an LCD display of the trace prior to printing.
2	Should have real time display of ECG wave forms with signal quality indication for each lead. Should have adjustable artifact, AC and low and high pass frequency filters. Should have alphanumeric key board for patient data entry (virtual or hard keys).

3	Printing should be possible on inbuilt thermal printer and also on an A-4 sized laser paper of standard makes. Thermal printer prints should last over 5 years when kept in normal conditions.
4	The unit should be lightweight and portable, capable of storing at least 100 or 200 electrocardiograms and allow for rapid transfer of this data to a computer through wireless or USB ports. DICOM/HL7 ready for data transfer to a HIS/PACS. Should be possible to collate ECGs based on data like ECGs with QRSd>120ms or QT >450ms.
5	Machine should run both on AC current & built in rechargeable batteries and should be provided with a proper bag to carry the equipment and its ancillaries. A movable original CART to which the machine can be fixed has to be supplied in addition.
6	The ECG machine should conform to AHA/ACC guidelines and ANSI/AAMI standards for medical equipment.
7	The unit should have the capability for proper self check & calibration.
8	One set of adult, pediatric and neonatal clip type electrodes for limb leads and chest bulbs for neonates leads along with necessary cables should be provided.
9	The output should have the name, date, time ID no. of ECG printed and have the option to print in multiple formats. Should provide all intervals like, PR, QRS, QT, heart rate, RR etc.
10	The unit should preferably be capable of providing continuous single / three/ six channel output in any combination in case of necessity of long rhythm strips.
11	In case the machine needs a computer to provide the laser outputs, then computer of a standard make with good RAM/HDD and a high speed B & W laser printer and necessary software should also be provided. These have to be under similar warranty.
12	All spares should be quoted separately i.e. ECG clips, bulbs, ECG cables and batteries.
13	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet
14	Each machine should have a spare cable, leads, bulbs etc.
15	Comprehensive Guarantee for three years for parts and labour. All cables, electrodes, bulbs Battery etc. have to be provided by the vendor during the warranty period.

### **Item no.02**

#### **Video Colonoscope Complete Set**

1. Should be compatible with semi automatic leakage tester
3. Outputs - RGB, Y/C, VBS Composite, XGA & DV simultaneous
4. It should have structure and edge enhancement option for better image quality
5. It should have various iris control option for better light distribution
6. Unit should be compact and light weight.
7. Light source - Combined or separate 150 watts or more Halogen/100 watt or more Xenon Light Source.
8. Air pump with variable air flow controls.



- 9. Lamp can be turned on/off without turning off the equipment.
- 10. Electronic magnification

**Specifications and Qualifications:**

Angle of view field:-100 ° or more  
 Diameter of Distal End:-ø12.8mm or more  
 Diameter of Insertion Tube:- ø12.8mm or more  
 Range of Tip Bending:-180 ° U, 180 ° D, 160 ° R, 160 ° L  
 Depth of View: -3-100mm or more  
 Diameter of Instrument Channel:-ø3.2mm or more  
 Working Length: -1400mm or more  
 Medical Grade Color Monitor : 15" or more Medical grade color monitor

**Recording Software and Archiving System**

Software & image recording system with capability for generating good quality printed reports.  
 Laser printer of repute makes  
 Trolley based system with the Video Colonoscopy System.

**Item no. 3**

**EQUIPMENT SPECIFICATIONS FOR FIBEROPTIC BRONCHOSCOPE ADULT**

1 Description of Function	
1.1	The flexible fiberoptic bronchoscope is a gold standard for difficult intubation. It is also used for diagnostic and therapeutic procedures in critically ill patients.
2 Operational Requirements	
2.1	The flexible Fiberoptic Bronchoscope should be supplied complete with light source and trolley.
2.2	Demonstration of the system is essential.
3 Technical Specifications	
3.1	Light weight, high resolution bronchoscope with light cable
3.2	Field of view 120 degrees or more
3.3	Depth of field 3mm to 50 mm or better.
3.4	Distal end diameter 5 mm approx.(Should allow 6.5mm endotracheal tube to be mounted easily)
3.5	Bending range UP 180 degree or DOWN 130 degree.
3.6	Working length 600 mm or more.
3.7	Total length 900 mm or more.
3.8	Channel dia 2.2 mm or more.
3.9	Autoclavable suction valve to avoid risk of cross contamination

3.10	Telescopic eyepiece for direct compatibility to CCTV system		
3.11	Bending mechanism knob without lock.		
3.12	Fully immersible in disinfectant solution		
3.13	Leak testing facility with automatic & pressure regulated air feeding (non-pressure gauge system preferable)		
3.14	Halogen Light Source/LED light source 1.It should be compact and light weight around 5-6 kg or less for easier transportability. 2.Should have 150 Watts halogen lamp with standby lamp option. Additional 4 nos bulbs to be included. 3.Should be compatible with flexible endoscope.		
3.15	Video Processing System(OPTIONAL) 1.Fully immersible camera head and cable assembly 2.Video processing camera. 3.1/4 inches CCD(Closed circuit display) with 10 bit digital signal processing. 4.In built filter for compatibility with fiberoptic endoscopes. 5.Resolution: 470 horizontal lines approx. 6.Signal to Noise Ratio > 50 dB. 7.Rotatable and detachable coupler(adaptor) with focussing facility. 8. Video output Y/C and composite.		
3.16	Software and hardware for recording Live and Still images(optional)		

#### 4 System Configuration Accessories, spares and consumables

4.1	Flexible Fiberoptic Bronchoscope- 01		
4.2	Light Source, Halogen -01		
4.3	Mobile Plastic Operating cart- 01		
4.4	Spare Halogen Bulbs- 04		
4.5	Reusable and autoclavable biopsy forceps- 2 nos		
4.6	Cleaning/maintenance kit including container for diinfectant solution- 1set		
4.7	Brush Biopsy (Protected)- 50 pieces.		
4.8	Foreign body forceps basket type- 2 nos.		

#### 5 Environmental factors

5.1	The unit shall be capable of operating continuously in ambient temperature of 10		
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	20 -50deg C and relative humidity of 15-90%		
5.3	Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.		

## 6 Power Supply

6.1	Power input to be 220-240VAC, 50Hz		
6.2	Type of Protection Against Electric Shock Class I (3-core cord)to be supplied for the Light Source		

## 7 Standards, Safety and Training

7.1	Product should be US FDA/ European CE		
7.2	Manufacturer should be ISO certified for quality standards.		
7.3	Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements		
7.4	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.		
7.5	Degree of Protection Against Electric Shock Type BF -Should incorporate insulated patient attachment for light source.		
7.6	Certification to meeting Biocompatibility as per ISO 10993-1, "Biological evaluation of medical devices-Part 1: Guidance on selection of tests"		
7.7	Certified to meet the current leakage requirement of IEC 60601-2-18 or equivalent standard for Medical Equipment particular requirement for safety of endoscopy equipments.		
7.8	Comprehensive warranty as per bid.		

## 8 Documentation

8.1	User Manual in English		
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8.5	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service		
8.6	List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual		

8.6	List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
8.7	User list to be provided with performance certificate as per bid.
8.8	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.Any point ,if not substantiated with authenticated catalogue/manual, will not be considered.

#### **Item no. 04**

#### **Haemodialysis Machine (Regular)**

1. Technical specifications
  - 1.1. Capable of providing conventional hemodialysis and high flux dialysis
  - 1.2. Facility for acetate, Bicarbonate, dry powder & Sequential Dialysis (Isolated UF )
  - 1.3. Should have appropriate filters for preparation of ultra-pure dialysate, with endotoxin retention capacity of at least 106 IU. 1.4. Built in NIBP.
  - 1.5. Na and ultra filtration profiling.
  - 1.6. Audio visual alarms :
    - 1.6.1. Conductivity and automatic bypass.
    - 1.6.2. Air detection and automatic lamp
    - 1.6.3. Temperature and automatic bypass
    - 1.6.4. Water and dialysate flow alarm.
    - 1.6.5. Arterial and venous pressure alarms.
    - 1.6.6. Optical/photo blood leak detector and ultra sonic air detector.
  - 1.7. Wide range dialysate temperature selectivity (34 to 39 deg. C)
  - 1.8. Variable conductivity setting (13 to 15.7 mS/cm)
  - 1.9. Wide dialysate flow rate option (300-700 ml/min with increments of 100 ml/mt).
  - 1.10. Wide range blood pump flow option (50-600 ml/min with increment of 10 ml) adaptable to standard, A-V bloodlines.
  - 1.11. Facility to show treatment parameter trends every 15-20 minutes digitally as well as by graph.
  - 1.12. Heparin pump with variable syringe size with wide infusion rate ( in 0.1 ml/hr increments ). 1.13. Wide ultra filtration range (0.1 to 3.5 kg/h ) with volumetric control.
  - 1.14. Integrated heat and chemical disinfection facility.
  - 1.15. Online measurement of effective urea clearance (kt/V).
  - 1.16. All important data be pre-settled so that machine can be used without feeding data every time.
  - 1.17. Automatic self test facility.
  - 1.18. High resolution color touch screen with functional keys.
  - 1.19. Appropriate operating voltage for Indian conditions with battery backup of at least 30 mins.

#### **2. Accessories**

2.16. COMPULSORY accessories, which are must for smooth and safe running of machine must be quoted along with machine including data processing computer and printer if required.

**3. Environmental factor and power supply**

- 3.16. Shall meet general requirements of safety for Electromagnetic Compatibility.
- 3.17. The machine shall be capable of being stored continuously in wide range of temperature (0-50deg C) and relative humidity (15-90 %).
- 3.18. Capable of operating in wide ambient temperature (20-30 deg C ) and wide relative humidity.
- 3.19. Power input : 220-240V/ 50 hz AC single phase or three phase fitted with appropriate Indian plugs and sockets.
- 3.20. Suitable servo controlled stabilizer/CVT/UPS should be supplied, if required.

**4. Standard, safety, demonstration, training, warranty and maintenance**

- 4.1. Electrical safety conforms to standard for electrical safety.
- 4.2. Should be FDA/European- CE/IVD certified.
- 4.3. The bidder must quote for FIVE years Comprehensive Warranty for complete equipment (including all spare and labour)
- 4.4. Undertaking by the principals that the spares for the equipments shall be available for at least 10 yr from the date of supply of equipment.
- 4.5. Company should be in market for at least five year
- 4.6. Machine should have been supplied in at least 3 major government institution
- 4.7. Machine demonstration has to be done in the hospital, New Delhi. Time and date of demonstration will be as per department decision.
- 4.8. Training of hospital staff if required should be done by the manufacturer
- 4.9. All the spare parts (Electronic, mechanical, plastic etc) required as such or due to wear and tear should be included in warranty period and in Comprehensive AMC period. Also all parts/component provided locally should also have to maintain by the company.
- 4.10. Sole responsibility of warranty and CMC will be parent company.
- 4.11. Elective visit once a week day as decided by departments.
- 4.12. Preventive machine maintenance regularly as per machine requirement in the hospital, Delhi.
- 4.13. Response time for acknowledgment for complaint 30 minutes.
- 4.14. Response time for physical presence within one working day.

**5. Documentations :**

- 5.1. ORIGINAL user and service manual in English to be provided.
- 5.2. Certificate of calibration and inspection to be provided, if required.
- 5.3. Attach Original manufacturer's product catalogue and specification sheet.
- 5.4. Compliance report to be submitted in a tabulated and point wise manner clearly Mentioning the page/para number of original catalogue/data sheet. Any point , if not substantiated with authenticated catalogue/manual, will not be considered.
- 5.5. A complete list of institution, where machine has been supplied along with the name designation, mobile and office contact details of the person handling the machine should be provided.
- 5.6. Machine detail and brochure should also be available on the company website.
- 5.7. List of important spare parts and accessories with their part number and cost should be provided.

- 5.8. List of equipments available for providing calibration and routine preventive maintenance Support , as per manufacturer documentation in service/technical manual should be provided.
- 5.9. Log book with daily, weekly, monthly and quarterly maintenance checklist should be provided.
- 5.10. The job description of the hospital technician and company service engineer for maintenance checklist should be provided.
- 5.11. If some component/ part of machine or its accessories are to be provided by Indian counterpart/agent that should be very clearly defined in the bid and its cost should be clearly separated out.

### **Item no. 05**

#### **COMPUTERISED STRESS TEST SYSTEM (TMT)**

Description of Functions: A stress test system is used to detect ECG evidence of exercise induced arrhythmia during physical exercise. Technical Specifications: System should acquire and analyze up to 12 leads. System should run on Window 7/Window XP operating system and should be provided with the computer system with the following configuration: Pentium CPU with DVD, minimum 17” Color monitor; minimum 250 GB Hard drive, Mouse, Keyboard and UPS for the CPU.\ Should provide standard Full Interpretation of Supine ECG with reasoning. Display of real time 12 lead diagnostic quality ECG waveform, average complexes beat of all 12 leads with superimposed color comparison along with digital value of ST level and slope. It should also display of enlarged complex and should have the facility of dynamic lead selection for maximum ST changes. Display of 1mm graph on the monitor should be similar to the graph on the recording paper. Automatic detection, display, Storage and review of arrhythmia, Heart Rate, Double Product and METS. It should have online HR METs, and ST running trends available on the screen during exercise. System should provide risk assessment tools like Stroke and Duke Treadmil score. System should have ability to manual edit of J & Isoelectric point during exercise. Filters for line frequency and special filters to reduce noise and baseline artifacts without compromising the ECG frequency response. System should have full disclosure play back, review and storage of patient ECG raw data for unlimited numbers depending upon size of the hard disk. The unit should have the ability to readjust “J-ST” interval measurement + 1 m sec points and generate a new report from stored raw ECG data. System should provide multiple and customizable printing formats as per user’s choice on A4 size high resolution thermal printer for online real time printings. It should also be possible to print reports on laser printer.

System must have ECG trigger output to interface with external automatic devices. Should be supplied with Heavy Duty Imported Treadmill with following features:

Motor of Minimum 3 H.P

Walking surface of minimum 60”

Two Stopping Modes

Emergency Stop Switch

Speed ranging from 0 to 12 mph and grade of 0 – 20% with suitable 3 KVA stabilizer maximum

Weight bearing capacity of 200 Kg

Should be US-FDA approved

Should be provided with a Non Invasive Blood Pressure Monitor which can be programmed to take the blood pressure automatically with each stage

Final reports must be exportable from the system in Word, PDF. Original product catalogs with complete technical specifications to be enclosed for main and allied equipments being offered

Should be provided with Electrode fixing Clip to minimize artifacts Optional:

System should provide risk assessment tools for SCD like –T wave Alternas

Should be provided with a Pulse Oximetre, which can be programmed to take SPO2 automatically with each stage

Stress ECG interpretation

**C. Quantity:** 1. Main system including Treadmill, Computer (17”) with analyzing software : 2nos for Each

2. UPS for at least 30 minutes backup: 2 Nos

3. Laser printer : 2 Nos 3. Non Invasive Blood Pressure Monitor: 2 Nos

4. ECG module: 4Nos

5. Patient cable with Electrode fixing Clip: 4 Nos

6. (Optional) Pulse Oximetre: 2 Nos

7. Good quality computer table(Durian/Godrej etc) for the system: 2 Nos

8. Pouch for ECG module: 2 Nos D

#### **Environmental factors**

1. Shall meet IEC-60601-1-2:2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility. Or should comply with 89/366/EEC; EMC directive.

2. The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity

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

#### **E. Power Supply**

1. Power input to be 170-270 V AC, 50Hz fitted with Indian plug.

#### **F. Standards, Safety and Training**

1. Complete systems including Treadmill Should be US FDA approved product

2. Manufacturer/Supplier should have ISO certification for quality standards.

#### **G. Documentation**

1. User/Technical/Maintenance manuals to be supplied in English.

2. Certificate of calibration and inspection.

3. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

4. List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.

5. List of important spare parts and accessories with their part number and costing.

#### **H. Other requirements**

Model should be latest generation. Should have local service facility. comprehensive warranty for 5 years and AMC/CMC for next five years. Availability of spares to be ensured for minimum 10 years period Demonstration is to be given before approval, if required. Working demonstration after installation is must.

## **Item no. 06 Upper GI Endoscope**

## Equipment Specifications for Upper GI Endoscope

### 1. Description of Function

- 1.1 Gastroscopes are used to view and administer therapy to the interior of the oesophagus and the stomach for diagnosing and managing upper-GI disorders (e.g., ulcers and other lesions). Therapeutic GI procedures performed through the scope's working channels typically include biopsies, electro surgery, and laser surgery gastroscopes, duodenoscopes, and choledochoscopes—also called upper-gastrointestinal (GI) endoscopes—

### 2. Operational Requirements

- 2.1 Upper GI Scope compatible with commonly used camera and light sources is required.

### 3. Technical Specifications

#### 3.1

1. Direction of view should be zero degree.
2. Minimum of 130 degree of field of view.
3. Range of observation atleast from 5 mm to 90 mm.
4. Angulations of tip up at least 180 degrees and down 90 degrees with right and left movement of at least 100/100 degrees.
5. Insertion tube diameter of less than 10 mm .
6. Distal end diameter of not more than 10.5 mm
7. Instrument channel of more than 2.5 mm
8. Working length of not less than 1000mm
9. Should be compatible with the video system specified
10. Video Processor
  - \_\_\_Digital Signal Processing for signal received from a colour CCD chip.
  - \_\_\_Compact Light weight (9-10 Kg) and ergonomically designed.
  - \_\_\_Able to display high resolution & real color imaging.
  - Output: RGB, Y/C, Composite (with Simultaneous Output Possibility
  - Colour adjustment: Chroma (Red & Blue Color) control with approx. 14 increments
  - Edge/Structure ENH : 4 to 8 levels of switchable settings (for Both edges & structures)
  - Image Display Size: 3 or 4 different sizes of Image display on monitor possible for Small /Medium/ procedural Convenience Full Height)
  - Users Data Preset :For individual user's setting of functions(5 or more users)
  - Scope's Identification : Data such as scope's model and serial number comments, Cumulative uses check period, owner, Customers ID etc.
  - Memorization of: the setting for functions such as Color, Enhancement, Irish, Selected Setting White balancing etc. retainable when power is off/on.
11. Xenon Light Source (300 Watt)
  - Automatic Brightness Control : With Servo Diaphragm Method
  - Internal Memorization battery : For Storing Selected Settings in Light Source even if the Power is off.
  - Main Lamp : Xenon Short-arc Lamp (300 Watts) with Switching Regulator Mechanism.
  - Main Lamp Life : Appx. 500 hrs on continuous use
  - Emergency Lamp : Halogen 12V 100 Watts with apprx 100hrs or more life.
  - Power Supply : 220-240 V Ac,Freq 50/60 Hz,Input Current 3A
  - Weight : Around 15-16 Kg or less LCD Monitor
  - 14'' Flat Screen color LCD Monitor(high Resolution)



#### **4. System Configuration Accessories, spares and consumables**

##### **4.1 System as specified**

- 4.2** 1. Biopsy forceps :3 each
2. Foreign body grasper (basket type) 2
3. Polypectomy snare:2
4. Standard tip canula:2 types – 10 each
5. Sphincterotome for side viewing duodenoscope only (wire guided, triple lumen) – 1085
6. Mechanical lithotripter :5
7. Polypectomy cautery system :1
8. Guide wires 2 types ( 0.025 “F, 0.035 “ in diameterF); length 450 cm, nonkinkable with stripes to detect movement – 5
9. Basket for retrieving stones with memory filaments – 5
10. Balloons 11mm diameter and wire guided – 5
11. Double pigtail stents – 7 cm, 10 cm long; 7 F and 10 F diameter – each 10
12. Stents – straight 7 F and 10F; 7 cm and 10 cm long – each 10 in number

##### **5. Environmental factors**

- 5.1** The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%
- 5.2** The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%

##### **6. Power Supply None**

##### **7. Standards, Safety and Training**

- 7.1** Shall be certified to be meeting safety standard IEC 60601-2-18 part 2 Particular requirements for the safety of endoscopic equipment.
- 7.2** Should be FDA , CE,UL or BIS approved product
- 7.3** Manufactures/Supplier should have ISO certificate to Quality Standard.

#### **Item no. 07**

### **Specifications Channel Video EEG Machine Digital with Simulator with Central Reading Station**

#### **Amplifier for each system**

64 Channels Amplifier (64) including 9 active/references and eight additional channels for polysomnography (ECG, EMG, Breath, oral nasal flow, respiratory belt etc) also any two channels can be configured as Bipolar, AC or DC through software wired(Ethernet 100 baseT, IP addressable, DHCP capable) including additional should transmit for any number of days using hot swappable batteries without interfering in each others transmission.

Detachable 32 channels 10-20 electrode system (Quick Disconnection Box) with amplifier. It is mandatory that patient can go anywhere with detachable 32 channels 10-20 electrode system without any loss of EEG data

The amplifier unit shall include two isolated ground and reference connections and (min) 12 Hours Battery Backup with 32 GB onboard memory to facilitate data catch up automatically when patient is out of range. Additional 2 Nos. of hot swappable rechargeable batteries forsystem.

**The system should have facility to do proper polysomnography with synchronised CPAP titration.**

Impedance Measurement: Both from amplifier and on Monitor Screen.

Acquires SpO2 and Plethysmography from integrated (Nonin) module.

System should have modules for SpO2, Co2 and Heart Rate Monitoring

System must be supplied with manufacturer supplied video capturing hardware for high quality video

Common mode Input Impedance > 100 MΩ

Differential Input Impedance > 40 MΩ

Bandwidth 0.048-5856 Hz(maximum)

Analog/Digital Converter Resolution: 24 bits

ADC Resolution Voltage 0.153 μV

DC Offset of at least ± 1200mV

Sampling Rate: 20 KHz and higher

Hot swappable Lithium ION Batteries with extra charger set for the system

Input Noise: < 1.5 μVpk-pk @ 0.1 to 100 Hz.

CMRR > 110 dB

Acquisition Sensitivity: 1 μV to 500 μV/mm for individual channel.

Low Filter: Adjustable between 0.01 to 10 Hz.

High Filter: Adjustable between 15 to 2000 Hz

RF Patient Protection is must.

To connect automatically when disconnected from Ethernet and provision of communication through standard cable, locally and at remote site too.

Built in Memory card of 32 GB or higher having capability to record EEG Data while the patient is not connected to Ethernet ( i.e Exams within hospital &/ or going to toilets etc). There should be facility to automatically transfer the recorded data from the on board memory as soon as the amplifier is connected to Ethernet again.

Water proof pouch with belts etc for easy carrying & safety to the amplifier.

2 Waterproof cover for system for use during washing hours.

### **Acquisition Software**

Individual Channel Control, easy customization of Montages, along with re-montage capabilities through toolbar-acceleration buttons.

Combine all users defined settings into templates or protocol, for use in different applications and the protocols should be available for user by a menu selection.

Arrange montages into sets for different patient groups & should display a graphical view of the current montage during the EEG recording.

Define new Sensors should be included as standard viz assign to amplifiers inputs, define traces in montage, define calculated channels ( Average, Source/Laplacian), or define Trends.

Facility to click any point to display corresponding traces & Slide Pointer to change displayed duration of the Overview. Display of Time Scale in either elapsed time or time of day.

Sort able list of all events placed in the recording, both automatically and manually placed such that when event is clicked, it shows corresponding EEG.

Review and add events to recorded traces in Review Pane while still displaying live traces in Live Pane.

Automatic detection of bradycardia and tachycardia based on EKG or Pulse Sensor.

Facility to display the current numerical value of selected traces such as vital signs, or to indicate appearances of events like seizures.

Amplitude Integrated EEG(aEEG)- both bipareital and cross cerebral method.

EEG Amplitude- Trend and Number

Spectral Edge Frequency-Trend and Number

EEG Power Spectrum

Comparison of signals from both hemispheres.

Brain Mapping through software.

Latest Spike and seizure detection & **Polyomnography** scoring software to be available with the system.

**Enhance artifact and noise removal software for artifact.**

ECG eliminators filters in both acquisition & review mode.

Should be able to give EEG data output in ASCII format.

Waveform freeze facility with simultaneously background recording/split screen.

Review Software( 1 No for main system, 1 for additional review station which will be install in Neurology faculty room and connected to main system through proper networking/LAN total 02 software keys)

To provide the facility of individualized workspaces, such that individual users can select and save their interpretations, pruned portions of files, slideshows with annotations, within originally saved and pruned files.

Facility for Prune/ Trim down EEG or video to specified events along with user define time before or after.

Facility for Zoom/Magnify EEG Trace, Copy & Paste of EEG or trends to reports and presentations.

Facility to search EEG in a record by time.

All Vendors can visit the lab to evaluate the tentative installation site for acquisition and Review Stations. However these stations may be moved to other locations for which no extra charges will be given at later stage.

Printer(1 Nos for Acquisition Station and 01 No. Of Review Station): Colour Laser Printer.

UPS ( 01 Nos for Acquisition Station and 01 No of Review Station): UPS of suitable rating with MF Batteries with 1 Hour Back Up time.

**Environmental Factors:**

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

**General Specifications.**

The system should be wall and hinge mountable with mobile arms ( from Manufacturer) along with isolation power transformer and power supply should be 220-224 V AC, 50 Hz fitted with Indian Plug. Resettable over current breaker shall be fitted for protection.

Voltage corrector/stabilizer of appropriate rating meeting ISI Specifications (Input 160-260 V & output 220-240 V & 50 Hz).

It is mandatory that the system should be Certified US FDA approved. Vendor to attach the

Certificate clearly mentioning the model, address of manufacturer and validity on the certificate.

### **Compliance/ Regulatory Standards**

Designed, tested, manufactured and certified to meet the following domestic (USA), Canadian, European and International Standards.

#### **Patient Isolation BF**

**UL60601-1** Medical Electrical Safety Standard (USA)

**CAN/CSA-C22.2 no. 601.1-M90** Medical Electrical Safety Standard (Canada)

**EN/IEC 60601-1** Medical Electrical Safety of Medical Equipment (International and Europe)

**IEC 60601-2-26**

Particular Safety of electroencephalographs equipments

**EN 60601-1-2** Collateral safety standard for EMC

European Community( CE Mark)

Medical Device Directive (MDD) product certified to comply to EC Directive 93/42/EEC USFDA Approved.

#### **Consumables:**

Compatible EEG net caps 3 of each small, medium and large size saline applicable (total 09)

Gold plated EEG Disc Electrode (length-1.5m)-100 Nos.

Ten 20 Paste, 228 Gms Jar-50 Nos.

Nu-Prep Gel, 114 Gms tube-50 Nos.

DVDs-100 Nos.

2 TB External HDD

Archiving of data:

Price of all accessories and amplifier and screen and software to be provided and freeze for 5 years.

Periodic software updates to be done. Total Internet Security antivirus to be provided with system with free updates done every year till machine works.

Demonstration of equipment would be mandatory once technical bids are opened.

Comprehensive warranty for 5 years & 5 years CMC after warranty. No extra charges for warranty or CMC for above duration.

## **Department of Paediatric**

### **Item no.01**

### **Radiant Warmer**

<b>TECHNICAL SPECIFICATION</b>
The Basinet should have tilting facility with $\pm 15$ deg -30 deg with locking

	Ø Basinet surface made up of Polycarbonate (Transparent) with Mattress
	Ø Mattress-padding: foam density approx. 21-25 kg /m <sup>3</sup>
	Ø Mattress cover : removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant (certificate of Flame retardant property must be submitted from the manufacturer of Mattress)
	Ø Side boards transparent Polycarbonate, drop down and lockable.
	Ø Under basinet 2 storage drawers of roller sliding type.
	Ø Side rails with Platform allow for mounting of accessories and attachment for at least 2 Nos. Of Syringe pump.
	Supplied with: Ø 1 x mattress Ø 2 x skin temperature probe Ø 1 x spare heating element Ø 1 x spare set of fuses Ø 2 x Observation lamps.
<b>1 Description of Function</b>	
1.1	A radiant warmer is used to keep the patient's core temperature stable at 37°C
<b>2 Operational Requirements</b>	
2.1	It should be microprocessor controlled radiant warmer with manual and servo options
<b>3 Technical Specifications</b>	
3.1	1. It should have facility to display both skin and air (ambient) temperature separately.
	2. It should have audiovisual alarm facility for overheating beyond set temperature range.
	3. it should have alarm facility for patient temperature less than or greater than the required temperature i.e. above or below the set range.
	4. It should rotate and swivel in different direction, so as to allow taking X-ray and should have facility to place X-ray cassette
	5. The light should be dazzle free.
	6. It should have alarm for power failure.
	7. It should have alarm for heater failure.
	8. It should have alarm for probe failure.
	9. It should have time out alarm in manual mode.
	10. It should have inbuilt or provided along with rechargeable battery to run equipment in case of power failure for at least ½ hour.
	<b>11.DELETED</b>

	12. Mattress padding: foam density approximate 21-25kg/m <sup>3</sup> .
	13. Side board acryl, drop down a lockable.
	14. It should have manual setting for high and low alarm setting.
	15. In servo mode, the heater output should be controlled to maintain the baby at the required set temperature.
	16. In manual mode, the heater output should be directly controlled by a setting on the front panel.
	17. The desired temperature range from 25 to 40 degree C.
	18. The resolution should be 0.1 degree C.
	19. The height of the warmer should be adjustable for different types of bed.
	20. Halogen based observation light should be provided for observing the baby.
	21. It should be mounted on a pole with sturdy base with lockable castors.
	22. The unit should have an integrated APGAR timer which is essential in Labor and delivery rooms for initial analysis as soon as the baby is born.
<b>4 System Configuration Accessories, spares and consumables</b>	
	None
<b>5 Environmental factors</b>	
5.1	Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.or should comply with 89/366/EEC; EMC-directive.
5.2	The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%
5.3	The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%
<b>6 Power Supply</b>	
6.1	Power input to be 220-240 VAC, 50Hz fitted with Indian plug
6.2	Suitable Autovoltage corrector with spike protector should be available.
<b>7 Standards, Safety and Training</b>	
7.1	Product should be US FDA or European CE approved.”
7.2	Manufacturer should be ISO 13485 and ISO 9001 certified for quality standards.
7.3	Certified to be compliant with IEC 60601-2-21, Medical Electrical Equipments part-2-21 particular requirements for Electrical Safety of Infant Radiant Warmers.
7.4	Comprehensive warranty as per bid.
7.5	Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
<b>8 Documentation</b>	
8.1	User/Technical/Maintenance manuals to be supplied in English.
8.2	Certificate of Calibration and inspection from the factory
8.3	List of important spare parts and accessories with their part number and costing
8.4	Log book with instruction for daily , weekly, monthly and quarterly maintenance checklist.
8.5	The job description of the hospital technician and company service engineer should be clearly spelt out

8.6	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet
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**Item no.2- Infant Incubator**

**EQUIPMENT SPECIFICATIONS FOR TRANSPORT INCUBATOR**

**1 Description of Function**

1.1	Required for transportation of premature babies and neonates and it can be used for long distance transportation .
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**2 Operational Requirements**

2.1	It should be mobile intensive care station including transport ventilator, incubator, and power supply unit and infusion stand
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**3 Technical Specifications**

3.1	<p>Technical Specifications</p> <ol style="list-style-type: none"> <li>1 It should be mounted on collapsible trolley having lockable rust free castors of the size 4 inches or more and with two A type Aluminum oxygen cylinders on rack under the Incubator .</li> <li>2 Single walled incubator with at least two large port holes for access. Iris ports for ventilator &amp; other tubings. Bed level at least 80 cms. above ground level. Two shelves cabinet with door.</li> <li>3 Width: app 80 cm+ 5 cms. , Depth 30 cm + 5 cm, height 115 + 5 cms, Mattress to hood distance at least 30 cms.</li> <li>4.Air Mode: adjustable set temperatures between 20 – 39 C. Display of set temperatures with resolution of 0.1 C. Skin mode adjustable set temperatures between 34 – 38 C. Display of set temperatures with resolution of 0.1 C.</li> <li>5. Alarms of High , Low and Probe failure for the set air mode up to +2.5 C and skin mode of + 0.5 C of temperatures</li> <li>6. Oxygen monitor in incubator hood with display of 21 – 100% Oxygen alarms for high, low and probe failure.</li> <li>7. Heart and Oxygen saturation monitor: Fixed, built monitors, dual wavelength probe for Oxygen saturation with Digital LED display for Heart rate and Oxygen saturation. Alarms for high and low for Heart Rate, Oxygen saturation and probe failure</li> <li>8.The system should have an internal rechargeable maintenance free battery to ensure continued functioning of the unit for at east 4 hours during transport. It should have automatic switch circuit for change over from battery to AC and vice versa.</li> <li>9.One suction apparatus with negative suction pressure of 5- 120 mm Hg should be provided. IV fluid stand should support two infusion bottles</li> <li>10.One Syringe infusion pump with stand compatible with 10, 20, and 50 ml syringes compatible with locally available brand of syringes. Range of infusion rate 1 – 99 ml / hr.in steps of 0.1ml. Display infusion rates, Alarms for occlusions, end of infusion with internal rechargeable battery should be provided along with the quoted price</li> <li>11. Height less than 60”, depth less than 30”, width 33”-36”. Weight 90-100 kg. With wheel mounted. (All dimensions in approximation of +/-10%)</li> <li>12. Bacterial air filter to remove air born particles</li> <li>13. Two 10 L integrated oxygen cylinders regulator and flow meters.</li> </ol>
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	14. The incubator should be mounted on a collapsible trolley so that the same can be easily shifted in any ambulance requiring minimum manpower.		
<b>4 System Configuration Accessories, spares and consumables</b>			
4.1	System as specified		
<b>5 Environmental factors</b>			
5.1	Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.or should comply with 89/366/EEC; EMC-directive.		
5.2	The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90%		
5.3	The unit shall be capable of operating continuously in ambient temperature of 10 -40 deg C and relative humidity of 15-90%		
<b>6 Power Supply</b>			
6.1	Power input to be 220-240VAC, 50Hz		
6.2	Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications.( Input 160-260 V and output 220-240 V and 50 Hz)		
<b>7 Standards, Safety and Training</b>			
7.1	<b>Product should be US FDA or European CE approved.</b>		
7.2	Manufactures/Supplier should have ISO certificate to Quality Standard.		
7.3	Comprehensive warranty as per bid.		
7.4	Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450		
7.5	Electrical safety conforms to standards for electrical safety IEC-60601-2-19: Medical Electrical Equipment part 2 Particular Requirements of Safety of Baby Incubator.		

### Item no.03

#### Name of Item : Phototherapy Unit (Double Surface)

	<b>SPECIFICATION</b>
	<b>1 Description of Function</b>
	<b>1 Description of Function</b>
1.1	Phototherapy units are used to treat hyperbilirubinemia, a condition characterized by high bilirubin concentrations in the blood.These units are also called: bilirubin lamps, bilirubin lights, fiberoptic phototherapy blankets, neonatal phototherapy units



<b>2 Operational Requirements</b>	
2.1	The system should meet all the numerical values given in the technical specifications within a tolerance of +/- 10 %.
<b>3 Technical Specifications</b>	
3.1	Technical Specifications:
	1. It should be two-way of phototherapy unit i.e. one phototherapy lamp should be from top and the other from below (both overhead and undersurface).
	2. There should be option to use either of the lamps. In other words, whenever only overhead exposure is desired, the attending health care provider may have option to operate only the overhead lamp and not the lamp below the bed, and vice versa.
	3. Each lamp unit should be provided with 4 CFL tubes emitting blue radiation between 450-480 nm wavelengths.
	4. One each side of the panel of overhead tubes, day light tube should be provided to facilitate observation of baby and for performing practical procedures whenever required.
	5. It should have height adjustment facility.
	6. It should allow easy swiveling of box to allow positioning of portable x-ray machine.
	7. The unit should be mounted on stand having lockable wheels (castors) for easy transportation from one place to other.
	8. At the baby's surface, the exposure should be 18-20 microW/cm <sup>2</sup> /nm.
<b>4 System Configuration Accessories, spares and consumables</b>	
	Spare Bulb and White CFL
<b>5 Environmental factors</b>	
5.1	The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%
5.2	The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%
<b>6 Power Supply</b>	
6.1	Power input to be 220-240VAC, 50Hz fitted with Indian plug
6.2	UPS of suitable rating shall be supplied for minimum 1 hour backup for the entire system
<b>7 Standards, Safety and Training</b>	
7.1	Should be US FDA , CE,UL or BIS approved product
7.2	Manufacturer should be ISO certified for quality standards.
7.3	Comprehensive warranty as per bid.

7.4	Shall CERTIFIED to be meeting Electrical Safety requirements as per IEC 60601-2-50 Medical Electrical Equipment part-2-50 Particular requirements for the safety of Infant Phoototherapy Equipments
<b>8 Documentation</b>	
8.1	User/Technical/Maintenance manuals to be supplied in English.
8.2	Certificate of calibration and inspection.
8.3	List of important spare parts and accessories with their part number and costing
8.4	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job descriptin of the hospital technician and company service engineer should be clearly spelt out.
8.5	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.Any point ,if not substantiated with authenticated catalogue/manual, will not be considered.

## Department of Psychiatry

### PSYCHIATRY

Name of equipment	Specification
<b>Item no.01</b> <b>Computerised Brief Pulse ECT Machine</b>	<b>Computerised Brief Pulse ECT Machine with Optical Motion</b> <b>Senso EEG,EMG, ECG Monitoring should have following Technical Specifications :-</b> <b>ECT systems should be provide along with split AC to control Room Temperature</b> <b>Should have constant current bi-directional square wave Brief Pulses.</b> <b>Parameter display on LCD as well as on monitor screen.</b> <b>Online calculation of heart rate.</b> <b>Should be able to deliver ECT from voltage 50-400 volts.</b> <b>Should have protection against paddle -to- paddles short circuit or pen circuit conditions.</b> <b>Should have stimulus current 500-800 MA Frequency 20-120 Hz, PulseWidth 0.5-1.5 m.sec stimulation duration of 0.1-5.9 Sec.</b> <b>Minimum Power - 0.6 Joules for 220-ohm Patient Impedance.</b> <b>Maximum Power 205.8 Joules for 220-ohm Patient Impedance.</b> <b>Charge : 5.0 - 1152 mili cilmumba in both manual and timer Mode.</b> <b>Should be provided with optical motion sensor for monitoring Motor Movement during seizure.</b>

	<p><b>Should have provision of monitoring EEG, EMG, ECG, Stimulus and Movement with optical sensor.</b></p> <p><b>Motion sensor for providing assessing seizures efficacy.</b></p> <p><b>Should be provided with monitoring software to view physiological monitoring of up to 4 traces. The trace should be available in real time throughout the treatment.</b></p> <p><b>Should have facility for the data to be stored with All the treatment parameter on the PC Hard disc or can be transfer to CD.</b></p> <p><b>Should have a comprehensive database to store the complete patient information and can be configured according to user needs.</b></p> <p><b>Output should displays in joules as well as in mill coulombs.</b></p> <p><b>ECT module can be used in stand - alone mode also.</b></p> <p><b>System should have facility to record 1 to 24 channels Digital EEG data along with Brain Mapping system.</b></p> <p><b>System should have facility to record EEG/ECT data on CD and play Back without Addictions Software. System should have Topographic Brain Mapping with voltage, frequency and spectrum graph.</b></p> <p><b>System should have facility to use EEG and ECT, Independently or simultaneously Split Screen facility for viewing channels or simultaneously comparing three different EEG Montages at same time.</b></p> <p><b>Spo2 Pulse ox meter facility during ECT.</b></p> <p><b><u>COMPUTER SECTION (HARDWARE)</u></b></p> <p><b>CPU - Dual Core -1.8, 1 GB RAM, 360 HDD, DVD Writer.</b></p> <p><b>Monitor 18" TFT , Printer Laser Color Printer ,</b></p> <p><b>Operating System: Window XP installed. Keyboard, Mouse, Mouse Pad.</b></p> <p><b><u>System should have following accessories:-</u></b></p> <p><b>Spring loaded ECT Headband, Instruction Manual, EEG, EMG &amp; ECG Electrodes, OSM sensor, Bite Block, Earthing wire, Conductive Jelly, Paper Rim (A4 Size), Rubber Strap Electrodes, EEG Gold Plated Electrodes. Spo2 probe</b></p> <p><b>Company Should have official Local service Centre</b></p> <p><b>System should be provided along with two ton split AC to control room temperature</b></p>
<p><b>Item no.02 EEG Machine</b></p>	<p><b>Windows based 32 channels digital EEG with Pentium PC and Laser Color Printer.</b></p> <p><b>Software : Featuring with Brain Mapping User definable montages</b></p>

	<p>Scrolling facility, test review, filter selection, network enabled.  32 channel acquisition comprising at 24 EEG and at least 5 bipolar, Channels also unable as EEG and 03 DC / Transducer channels.  Raw data storage for reformatting of sweep, speed, filters and montages during analysis.  Choice of multiple reference for brain mapping i.e. Car A1, A2 unked ear, C2.</p> <p>Facility to view analysis and acquisition of same time.  High performance machine is capable of taking record in ICU condition.  Unlimited continuous storage depends upon hard disk capacity.  Facility to achieve data on CD  Facility to measure amplitude and time duration.  Unlimited montage formation can be possible.  Facility for auto searching of events and comments.  Facility to mark and delete events in analysis.  User definable events with user definable hot keys.  Facility of reporting in MS word (Ms office software option)  Facility to store pre define comments with user definable hot keys.  Different modes of going to any part of EEG i.e.</p> <ol style="list-style-type: none"> <li>a. Page forward and backward</li> <li>b. Auto FWD &amp; BWD</li> <li>c. Event to event jump.</li> <li>d. Search bar.</li> </ol> <p>User editable photic sets with frequencies ranging from 1 to 30 Hz.  Optical isolation of head box to electrically isolate patient from data system can be provide.  Compatible with Windows 98 and windows millennium.  Fully compatible with Celeron Pentium - P - III, Pentium - IV and (Hardware).  CSA/DSA facility should be provided.  User has facility to make its own LF &amp; HF filter.  A/D conversion 14 bit in hardware.  Sampling rate 1024 Hz/ Channel with resolution enhancement to 16 digital signal processing.  Storage rate 256 Hz. Channel with resolution enhancement to 16 bits by signal processing.  Noise level &lt; 1 u Mohm (0.1 to 1000 Hz)  Input impendence &gt; 10 M ohm (0) to 100 Hz)  Acquisition method raw data with full sensitivity and full bandwidth.  Sensitivity / LF / HF / Notch / Muscle Rej / Montage implemented in a only for display / Printouts.  Sensitivity 1 to 1000 u v / mm.  Lf (Hz) 0.1, 0.3, 0.5, 1.0, 3.0, 5.0 Hz and user definable (0 to 7 Hz) pole.  Muscle Rej. ON / 00, 30 Hz double pole.  Hardware : Head box, Photic stimulator with adjustable stand  Accessories : Re-usable patient leads, EEG, Jelly, PC Cable etc.</p>
<p>Item no. 03  Lithium analyser</p>	<p>Lithium analyser can be use to measure serum lithium.  Space for operation :  Cabin beside the HOD chambers  Necessary technical staff :  Machine will be operate by psychiatrists  Specification :  01. Compact design</p>

	<b>02. High performance and accuracy</b> <b>03. Easy operation</b> <b>04. Direct printer connectivity</b>
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**Item no04**

**Thin Layer chromatography for drug dependence therapy**

**1. THIN LAYER CHROMATOGRAPHY**

**1 Description of Function**

1.1 Instrumental Thin-Layer Chromatography (or Planar Chromatography) is a modern separation technique, established worldwide and distinguished by flexibility, reliability and cost efficiency

**2 Operational Requirements**

2.1 Complete with IP/BP/USP standards having movable applicator with in-built thickness arrangement between 0.25 mm to 0.35 mm having following components as per Technical Specifications

**3 Technical Specifications**

Technical Specifications Thin Layer Chromatography System:

1. Spreader (Applicator) made of anodized aluminum, with fixed thickness and width of 5 cm, 10 cm and 20 cm.
2. Perspex brass size 125 x 25 cm to support 5 glass plate of size 20 x 20cm and two plates of size 20x5 cm
3. Plate store rack aluminum for ten 20x20 plates
4. Spotting template Perspex
5. Developing tank with lid
6. TLC plate set 20x20 cm or 20x 10 cm
7. Micro-Pipette 5 microliter and 10 microliter
8. Scriber for making lines
9. Glass sprayer with rubber bellow
10. TLC plate store cabinet
11. Special drying cabinet with inspection window
12. Dessicator cabinet
13. U.V. Chromatography inspection cabinet with two U.V. tubes 254 and 365nm

**4 System Configuration Accessories, spares and consumables**

4.1 All consumables required for installation and standardization of system to be given free of cost.

**5 Power Supply:** 230V +/- 10%, 50 Hz

6 Standards:

- 6.1 1. Should be FDA/CE/ BIS approved product.  
2. Manufacturer should have ISO certification for quality standards..

## Department of Obstetrics & Gynaecology

### Item no. 01

#### Department of Obstetrics and Gynaecology

General

**1 EA + ECC Sets**

<p>EA + ECC Sets</p> <p>(i) Kidney Tray Small size: 8" medium sized - 1</p> <p style="padding-left: 40px;">(ii) Sponge Holding Forcep 10" -1</p> <p>(iii) Dissecting Forceps plain 8" - 1</p> <p style="padding-left: 40px;">(iv) Dissecting Forceps toothed 8" - 1</p> <p>(v) SIMS Speculum double blade Medium size. No.2 -1</p> <p>(vi) SIMS Anterior Vaginal Wall Retractor x' series -1</p> <p>(vii) Cusco's Speculum (fine quality) X' series Medium - 1</p> <p>(viii) Uterine Sound - 1</p> <p>(ix) Vulsellum Teale Uterine 3:4 teeth 9" -1</p> <p>(x) EB (endometrial biopsy) Curette Novak -1</p>	<p>High quality stainless steel &amp; reusable , rustfree</p>
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### Item no. 02

#### **Colposcope Digital Video Colposcope**

With latest Super HAD CCD  
1/6" Microlens CCD  
Imaging System  
Resolution > 850 CCD Lines Focus  
distance—20 cm to 40 cm Digital  
Matrix Processor Technology Effective  
16.2 Mega Pixels  
Multiple modes of Electronic Green Filter  
Morphological Filtering

Automatic Screening, Diagnosis & Reporting  
Zooming: 1-52x  
Comer to Comer Uniform Brightness  
Fast advanced fully Automatic Focussing

Real time Display of Magnification & Timer for acetic acid and iodine test for continuous 3 minutes. Ultra Bright White LED Cold Light  
Recommended Lamp Life of atleast 25000 Hours  
Minimum Illumination of atleast 0.2 Lux  
Multi-function Image processing software with Imported Footswitch & Imported Capture Card for Laptop/Desktop. Image capture should be through panel of Colposcope Direct in Computer. Integrated Management of View Examination,  
Facility for Image capture & Freeze, Recording, Observation, Processing, Saving and Printout.  
Sufficient Inbuilt Reference Pictures  
Can be integrated to LAN and HIS  
Side by Side Powerful Comparison of Colposcopic images  
Statistic Analysis function  
Multi Fomat Report Facility  
Colposcopy REID Evaluation  
Green filter electronic with able to see green light on cervix/ or on ROI Software should have lesion measurement facility.  
Should able to Show three visit of patient on search of patient ID. With display of all 3 visit simultaneously  
White balance--- auto  
Desktop computer , P-4 with window Xp professional color laser printer

**Warranty:** The unit and all accessories should be covered with atleast 2 year warranty period commencing from the date of issue of installation certificate with 5 year CMC after expiry of warranty

**Spare parts:** Company should give undertaking regarding the availability of spare parts of the quoted model for next 10 years.

- List of users for the quoted item with contact no. should be provided
- Photocopy of purchase order along with terms and conditions of contract received from any Govt/Public sector institution in last 2 years for supply of offered equipment must be enclosed with the price bid
- Installation and commissioning will be the responsibility of the supplier
- After sale service should be provided
- Should be FDA or CE, UL or BIS approved product
- User/Technical/Maintenance manuals to be supplied in English
- Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineers should be clearly spelt out.

The bidder should enclose the original product data sheet, brochure and compliance sheet, without which the bid will be rejected. Computer generated datasheet and brochure will not be accepted. The serial number of specifications must be indicated against the relevant portion of the compliance sheet and data sheet.

### **Item 3 NST Machine NST Machine with TOCO**

AC supply voltage and fuse values

1. Rated AC supply voltage: 240V, 50Hz/60Hz, maximum rating  
30VA Printer

The printer should print Fetal Heart Rate Analysis to help to limit the problems of visual interpretation of the CTG & for consistent decision support and reassurance. System should measure fetal heart rate parameters and performs a test against criteria of stored records for a normal record. The analysis should

be initiated after ten minutes monitoring, and every two minutes thereafter. At each analysis the user should be advised whether the CTG meets the criteria for a normal record. At the end of the monitoring session, an analysis report should be come in printed form and if any abnormalities should be highlighted.

High-resolution 5" chart printer with automatic annotation, signal loss, date, time and chart speed. Dot matrix thermal, 1024 elements. Print width 128mm.

1. Paper type: Heat-sensitive z-fold plain coated paper
2. Paper length: 45m per pack, representing 75 hours at 1 cm/min or 25 3 cm/min
3. Chart speeds: 1, 2, 3 cm/min and fast feed
4. FHR scale (user selectable): 30-240 bpm (30 bpm/cm) or 50-210 bp

Display

5.2" Transmissive LCD with CCT backlight, displaying monitored parameters, interactive messaging and menus.

1. Resolution: 240 x 64 pixels
2. Display modes: Alphanumeric or Scrolling Trace
3. Displayed parameters: Singleton and Twin FHR (Ultrasound), TOCO

Ultrasound Transducer Type wide-angle multi-crystal monitoring transducer, watertight, with clip for attaching patient belt. Pulsed Doppler system with directional facility.

1. Protection category: B
2. Operating frequencies: 1.5 MHz (yellow), 2MHz (Blue)
3. Sampling rate:  $\pm 5$  ms
4. Heart rate: Calculated to  $\pm 0.25$  bpm
5. Accuracy:  $\pm 1$  bpm over the range 100-180 bpm
6. Protection against water: IPX7

Ultrasound Transducer Acoustic Output

1. Peak negative pressure:  $< 1$ Mpa
2. Output beam intensity:  $< 20$ mW/cm<sup>2</sup>
3. Spatial-peak temporal-average intensity:  $< 100$ mW/cm<sup>2</sup>

Contractions (external Toco)

guard-ring tocodynamometer with clip for attaching patient belt. Auto- zero and Manual zero.

1. Protection Category: B
2. Nominal Sensitivity: 150g full-scale

Fetal Movements

Recorded either by patient operating event marker or, automatically using the Actogram feature.

This records fetal limb and trunk movements via the ultrasound transducer.

CTG Analysis

Equipment should have inbuilt Intelligent Fetal Analysis (IFA)

software for care antepartum CTG analysis Memory

Minimum 5 hour Memory of traces with fast printing facility. FHR Alarm

Audible and visual alarms are user selectable for High (Tachycardic) FHR, Low (Bradycardic)

FHR& Signal Loss (LOC)

Trace Annotation

This facility provides a quick and accurate method of annotating the

CTG. A clinical note is printed on the CTG by simply selecting the required note from lists on the

display.Annotation of patient name, gestation period, reference number, hospital name facility should be there.

Interfaces An RS232 interface provides connection to computerized Central Review and Archiving systems,with the auxiliary socket providing connection to radio telemetry for wireless fetal monitoring.

Safety Equipment should be designed to meet the medical electrical safety standards, IEC 601-1:1998 and EN 60601-1-2: 1993.

Regulatory Equipment should be CE marked meeting the requirements of the Medical Devices Directive (93/42/EEC), and has FDA 510(k) approval



**Item no. 04**  
**Abdominal Hysterectomy Set**  
**Main OT**

S.No.	Instrument	Quantity
1	Sponge Holder	4
2	Needle holder	3
3	Bab cock	2
4	Artery forceps 6.1/2"	10
5	Artery forceps 7.1/2"	4
6	Allis Forceps	6
7	Straight Hyst. Clamp	5
8	Curved Hyst. clamp	5
9	Mosquitoes forceps 4.1/2"	6
10	Doyn's Retractor Big	1
11	Self Retaining Forceps (Balfour)	1
12	Deverse Small	1
13	Deverse Big	1
14	Towel clip	5
15	Steel Basin	2
16	S.S Bowl	3
17	Steel Tray Big	2
18	Myo curved scissor 8"	2
19	Straight scissor 6.5"	2
20	Tooth dissecting forceps 6.5"	1
21	Non Tooth dissecting forceps 6.5"	1
22	Metzenbaum curved scissor 8"	2

Instruments should be of High quality stainless steel, reusable, light weight, corrosive resistant, and rust-free

**Item no. 05**  
**Vaginal hysterectomy set**

Sl No.	Name of the equipment	Specification
1	Sponge holding forceps	18cm/7"
2	B.P. Handle no 4	Standard solid
3	Dissecting forceps toothed	18cm/7"
4	Dissecting forceps plain	16cm/6.25"
5	Surgeon's scissors curved	18cm/7"
6	Scissors straight	18cm/7"
7	Towel clip	16.5cm/6.5"
8	Needle holder	8" 20cm/8"
9	Needle holder	9" 20cm/8"
10	Artery forceps	19cm/8"
11	Kochers forceps	20.5cm/8"
12	Alli's forceps 6	15cm/6"
13	Alli's forceps big 6	20cm/8"
14	Mayo's myomectomy screw	18cm/7"
15	Sim's speculum	Standard size

16	Round retractor	22cm/8.5"
17	S shaped retractor	12"
18	Kidney tray+2 bowls	10"-2
19	Mosquito artery forceps curved	14 cm/5.5"
20	Vulsellum forceps	22cm/2x2 teeth
21	Bladder sound	Standard size
22	Lane tissue forceps	18cm/7"
23	Uterine curette	28cm/11
24	Straight Hyst. Clamp( 5 nos)	
25	Curved Hyst. Clamp( 5 nos)	

**Item 6.**  
**Hysteroscopy set**

**Specification For Standard Diagnostic And Operative Hysteroscopy Set With Tcre With Controlled Irrigation And Suction**

S.NO	SHORT DESCRIPTION	DETAILED DESCRIPTION	QTY.
1	STANDARD HYSTEROSCOPE TELESCOPE	<b>Forward-Oblique Hysteroscope Telescope</b> 30°, enlarged view, diameter 4 mm, length 30 cm, <b>autoclavable</b> , fiber optic light transmission incorporated, scratch resistance sapphire coated tip lens, Advanced rod lens system for optimum brightness, contrast and definition, compatible with all major endoscopy camera system	1
2	EXAMINATION SHEATH	<b>Examination Sheath</b> , diameter 5.1 -5.2mm, with 1 LUER-Lock adaptor compatible with 4mm Hysteroscope telescope	1
3	CF OPERATING SHEATH	Continuous- Flow Operating Sheath, size 6.5-7.0mm, with stopcock and LUER-Lock adaptor, for use with 4mm Hysteroscope telescope and side operating channel for 5Fr instruments, having inner and outer sheath.	1
4	SCISSOR	<b>Scissors</b> , blunt tips, 5 Fr., length 34 cm, single action jaws	2
5	SCISSOR	<b>Scissors, pointed jaws</b> , 5 Fr., length 34 cm, single action jaws, semi-Rigid	2
6	BIOPSY & GRASPING FORCEP	<b>Biopsy- and Grasping Forceps</b> , 5 Fr. , length 34 cm, double action Jaws	2
7	NEEDLE ELECTRODE	<b>Needle Electrode</b> , 5 Fr., length 27 cm, unipolar	6
8	BIPOLAR VAPO ELECTRODE	<b>Bipolar vaporisation electrode</b> , 5 Fr. length 36 cm	2
9	UNIPOLAR CORD	<b>High Frequency Cord</b> with 4 mm plug HF-unit, older models, 300 Cm	2
10	BIPOLAR CORD	<b>Bipolar High Frequency</b>	2

**Resectoscope For TCRE Set**

11	WORKING ELEMENT SET (CUTTING AND COAGULATING ELECTRODE)	<p><b>Working Element Set</b> consisting of:</p> <ul style="list-style-type: none"> <li>1 Working element,</li> <li>1 Cutting Loop, angled</li> <li>1 Coagulating-Electrode ball end, 3 mm</li> <li>1 Coagulating Electrode ball end, 5 mm</li> <li>1 Coagulating Needle Electrode, angled</li> <li>1 Collings knife electrode</li> <li>2 High Frequency Cords</li> <li>1 Protection Tube for electrodes</li> </ul> <p>Motion by means of a spring. The thumb support is movable. Return of the loop is controlled by the thumb.</p>	1
12	RESECTOSCOPE SHEATH	<p><b>Resectoscope Sheath</b> 26 Fr., including connection tubes for in- and outflow, 2 LUER-lock adaptors, diameter 8 mm, oblique beak, fixed inner tube, with ceramic insulation, for use with working element .</p>	2
13	OBTURATOR	<p><b>Obturator</b>, for use with the sheaths for diagnostic and operative procedures and resectoscope</p>	1

**Suction / Irrigation Equipment For Hysteroscopy & Gen Laparoscopy**

14	Irrigation and suction device for hysteroscopy	<p>Controlled irrigation and suction unit for operating hysteroscope and TCRE procedure to maintain intrauterine cavity pressure as desirable by surgeon.</p> <p>Pressure of irrigation to be maintained between:</p> <p><b>for hysteroscopy:</b></p>	1
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		<p>Pressure regulator: 0-200mmHg.</p> <p>Flow regulator: between 0-500ml/min.</p> <p>Suction controlled pressure between 0-(-) 0.5 bar (-50kpa)</p> <p><b>Consisting of:</b></p> <p><b>Main unit with digital display, pump head, indicator and preset and actual value for pressure, flow ,suction with sensor attachment for reusable dome.</b></p> <p><b>Automatic dome detection facility.</b></p> <p><b>Accessories:</b> The unit should be supplied along with following accessories:</p> <p><b>Hysteroscope reusable tubing set, 2 Nos each</b></p> <ul style="list-style-type: none"> <li>- Reusable Pressure dome 2 Nos.</li> <li>- Suction bottle 5.0L 2 Nos. with caps</li> <li>- Reusable, non-collapsible, silicon Suction tubing set reusable 2 Nos.</li> </ul>	
15	Disinfection Tray	<p><b>Sterlization/Disinfection Tray:</b></p> <p>Disinfection/Sterlization tray with sieve tray to lift suitable for hysteroscopic instruments</p>	3
16	Storage Autoclavable Tray	<p><b>Storage hard plastic with sieves for all hysteroscope instruments should be autoclavable</b></p>	2
17	Cleaning Accessories	Including Oil(50 bags), brushes etc	

The core Diagnostic & Operating Hysteroscope like Telescopes, Sheaths, instruments, Controlled suction irrigation unit, hand instruments(bipolar forcep, unipolar forcep, semi rigid non HF forceps, HF needle etc.) should be from single manufacturer for system compatibility.

### **Environmental factors**

1. Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive.
2. The unit shall be capable of operating continuously in ambient temperature of 20-30 deg C and relative humidity of 15-90%
3. The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%

### **Standards, Safety and Training**

1. Should be FDA, CE, UL or BIS approved product
2. Manufacturer should have ISO certification for quality standards.
3. Comprehensive training for lab staff and support services till familiarity with the system.
4. Shall be certified to be meeting safety standard IEC 60601-2-18 part 2 Particular requirements for the safety of endoscopic equipment.

### **Documentation**

1. User/Technical/Maintenance manuals to be supplied in English.
2. List of important spare parts and accessories with their part number and costing.
3. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet. Any point ,if not substantiated with authenticated catalogue/manual, will not be considered.
4. Certificate of calibration and inspection.
5. List of Equipments available for providing calibration and routine Preventive Maintenance Support. as per manufacturer documentation in service/technical manual
6. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
7. The manufacturer should have their own service centre and local engineer and should be verified by competent authority regarding these facilities.

**Warranty:** The unit and all accessories should be covered with atleast 2 year warranty period commencing from the date of issue of installation certificate with 5 year CMC after expiry of warranty including UPS.

**Spare parts:** Company should give undertaking regarding the availability of spare parts of the for next 10 years.

- List of users for the quoted item with contact no. should be provided
- Photocopy of purchase order along with terms and conditions of contract received from any Govt/Public sector institution in last 2 years for supply of offered equipment must be enclosed with the price bid
- Installation and commissioning will be the responsibility of the supplier

- After sale service should be provided

**Training:** Comprehensive training for technical staff and support services till familiarity with the system

The bidder should enclose the original product data sheet, brochure and compliance sheet, without which the bid will be rejected. Computer generated datasheet and brochure will not be accepted. The serial number of specifications must be indicated against the relevant portion of the compliance sheet and data sheet.

**Item no. 7**

**ND/YAG LASER**

1. Should use treatment laser type Nd YAG.
2. Energy should be continuously variable from 0.5 to 10 mJ.
3. Should have a cone angle of 16° or greater.
4. Should have a wavelength of 1064nm.
5. Should have fundamental Q-switched mode.
6. Should have a spot size of 8 microns.
7. Should have pulse width of 4 nano-sec (typical).
8. Should have burst mode of 1,2,3 Pulses and each burst separation between pulse shall be of 25 micron- sec.
9. Should have repetition rate of better than 1 pulse per second.
10. Should have continuously adjustable YAG laser offset shift of up to 500Tm both anterior and posterior around aiming focal plane.
11. The aiming beam laser shall be diode of red colour.
12. Should have 3/5 step magnification for the laser delivery system.
13. Should have a focus of 250 microns posterior offset.
14. Should have an eye piece of at least 12.5X.
15. Should have an inter pupillary distance of 48 to 78 mm.
16. Should have slit width from at least 0 to 14mm continuously variable.
17. Should have slit length 0 to 14 mm continuously variable.
18. Should have slit rotation from 0 to 180°.
19. Should have red-free, cobalt blue filters.
20. Should operate from 200 to 240Vac, 50 Hz input supply.
21. Should be supplied with motorized table.
22. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.

Comprehensive warranty for 5 years and 5 years CMC/AMC after warranty. The cost of CMC/AMC must be quoted in the price bid.

In Addition to above compatible UPS/ Voltage stabilizer should be provided

**TECHNICAL SPECIFICATIONS for CO2 LASER SYSTEM**

LASER TYPE - Ultra Pulsed CO2 Laser with Micromanipulator / Coupler, Operating Microscope, CCD Camera / Coupler, Beam Splitter, 22" Flat Screen LCD Monitor, Electrically operated 180 Degree Inclined, High Adjustable - Patient Treatment Chair and

Hydraulic / Mechanical Lever operated - Doctor's chair. LASER CONFIGURATION - SEALED OFF CO2 GAS, DC EXCITED.

WAVE LENGTH	-	10600nm - 10.6 Micron.	
MODE STRUCTURE	-	TRUE WG TEM <sub>00</sub> MODE	POWER TO TISSUE -
CONTINUOUS, PULSED, ULTRA PULSED		1 - 40W	
PULSE DURATION	-	SUPER PULSE:400-800ms	ULTRA PULSE < 300ms
PEAK POWER	-	300-1200W	
MICROPROCESSOR	-	SELF DIAGNOSTIC & SELF CALIBRATION	
PURGE AIR	-	AUTO PURGE AIR.	

HAND PIECES	-	50mm & 100mm
SPOT SIZE	-	0.1mm - 0.2mm at Focus.
DISPLAY	-	LCD Touch Screen
MEMORY	-	USER PROGRAMMABLE MEMORY SETTINGS
BEAM DELIVERY	-	ARTICULATED ARM 7
MIRRORS - TITANIUM.		
AIMING BEAM	-	635-670nm, 5mw,Red Diode

**Item no. 8**  
**Delivery Instruments PER SET:**  
**Labour Room**

1	Kochers Forceps	2
2	Episiotomy scissors	1
3	Sponge Holder	2
4	Needle Holder	1
5	Clamps-2 2	
6	Big Bowl	1
7	Toothed Forceps	1
8	Non toothed Forceps	1
9	Kelly's forceps for postpartum Cu-T insertion	1
10	Suture Cutting Scissors	1
11	Kidney tray 8 inches	1
12	Bowl medium sized	1

**Item no.9**  
**CTG machine**

should have

- 1.10-12 inches high tech color TFT screen with tilt adjustment up to 90 degree,
- 2.Touch screen menu settings interface,
- 3.Twin fetus monitoring module as standard feature,
- 4.FAS-Fetal acoustic stimulator facility,
- 5.Advanced digital signal processing,(DSP) technology,
- 6.Automatic fetal movement detection,
- 7.Automatic CTG Reporting
- 8.Highly sensitive 14 elements transducer for FHR detection,, effective 1 Mhz pulse Doppler transducer. FHR,Toco & FM parameters with waveform display & digits display simultaneously. Basic parameters: FHR, Toco, AFM, Event marker. Special patient event marker and clinical event marking button.

- a) Should have provision for recording FHR (Fetal Heart Rate)
- b) Should have provision for recording intrauterine pressure ( direct) through pressure tip transducer.

- 9.Auto shut down function to protect the monitor
- 10.Real time accurate & reliable results, To be provided with Retractable in built long life high resolution thermal printer, High speed print out for stored data on a- 4 size Paper
- 11.Patient storage data of 24 hours with playback and printing facility.
- 12.High performance re- chargable Li-ion battery with 2 hours back up.
- 13.Special high sensitive water tight probe.
14. No maintenance due to wide range of applying voltage(100-240v)
- 15.alarm on abnormal fetal heart rate
- 16.Easy to read on screen access with scrolling function
- 17.to be provided with following accessories
  - fetal probe
  - twtoco probe
  - 1event marker

- 1 print paper
- 2 packs power adaptor and cord
- 1 ultrasound gel
- 1 probe belts
- 3 acoustic vibrator
- 1 rechargeable battery
- 1 set trolley to keep the machine
- 1 Should be US-FDA approved / European CE Certified certificate to be enclosed

**Maternity O.T**

**Item no. 10**

**LSCS Instruments PER SET:**

No.	Item	Qty
01	* BP Handle No.04	02
02	* DEbakey Forceps plain 8" atraumatic tissue forceps	04
05	* DEbakey Forceps toothed 6" atraumatic tissue forceps	04
06	* Adson Forceps plain 5"	02
07	* Adson Forceps toothed 5"	02
08	* Metzenbaum Scissor Stght 8"	02
09	* Metzenbaum Scissor Cur 8"	02
10	* Kocher Artery Forceps Stght 7"	01
11(i)	* Babcock Tissue Forceps 6"	02
11(ii)	* Babcock Tissue Forceps 7"	02
12(i)	* Allis Tissue Forceps 6"	04
12(ii)	* Allis Tissue Forceps 8"	04
13	* Artery Forceps Cur 8" long	02
14	* Artery Forceps Cur 6" Medium	02
15	* Mosquito Artery Forcep Cur 5"	04
16	* Doyen's Retractor 3"	02
17	Heavy Straight Scissor S.S. Sharp/Sharp 8" UNS-072-20	01
18	* Needle Holder 8"	03
19	* Kidney Tray 8" S.S.	02
20	* Bowl S.S.	03
21	* Morris Retractor with ring handle 2.5"	01
22	Green Armytage X's series	06
23	* Artery Forceps str 6"	02
24	* Right Angle Artery Forcep MIXTER 8"	01
25	* Sponge Holding Forcep 10"	02
26	* Suction Tip Pool Stght 8mm All S.S.	01
27(i)	* Cross Action Towel Clips Engl.Mod. Angled 3.5"	04
27(ii)	* Cross Action Towel Clips Backhaus 3"	01
28	Wrigley Outlet Forceps	01

Instruments should be of High quality stainless steel, corrosive resistant & reusable, and rust free



**Item no. 11****MTP / D&C Instruments PER SET:**

No.	Item	Qty
01	Tray S.S. Medium 12" x 10" with cover. Hospito heavy duty	01
02	* Sponge Holding Forcep 10"	01
03	Ovum Forceps Heywood Smith Straight 10"	01
04	SIMS Speculum Standard <b>X's series</b> No.1, 2, 3 (set of 3pcs)	01
05	Anterior Vaginal Wall Retractor x' series	01
06	Hegar Blunt/Conical Uterine Dilators set no. 3-4 t017-18 mm	01
07	Bowl S.S.	01
08	* Dissecting Forceps plain 6"	01
09	* Dissecting Forceps toothed 6"	01
10	Vulsellum3:4 teeth 9"	01
11	Uterine Curette (Blunt and Sharp) -small and medium sized	01
12	EB (endometrial biopsy)	01
13	Suction Tube Silicon 3mtr	01
14	Uterine sound with cm graduation	01
15	Karman cannula	4mm - 12mm

High quality stainless steel & corrosive resistant, long durability & reusable, rust resistive

**Item no. 12****SYRINGE INFUSION PUMPS**

- 1) The syringe pump should be programmable, user friendly, safe to use and should have battery backup and comprehensive alarm system.
- 2) Must Work on commonly available standard 5ml/10ml/20ml/50ml/60 ml Syringes with accuracy of minimum of +/-2% or better, with automatic syringe size recognition.
- 3) Manufacturer should be ISO and CE certified for quality standards.
- 4) Flow rate programmable from 0.1 to 1000 ml/hr or more in steps of 0.1 ml/hr with user selectable flow set rate option. SAVE last infusion rate even when the AC power is switched OFF.
- 5) Bolus rate should be programmable to 40 to 1000 ml/hr or more with infused volume display and one key press bolus. Reminder audio after every 1 ml delivered bolus.
- 6) Display of Drug directory of more than 50 drugs, customized and adjustable.
- 7) Key board locking system for patient safety.
- 8) Keep Vein Open (KVO) must be available at 0.1 ml or set rate

User should have choice to disable KVO whenever desired.

- 9) Selectable Occlusion pressure trigger levels selectable from 300/500/900 mmHg.
- 10) Automatic detection of syringe size & proper fixing. Must provide alarm for wrong loading of syringe such as flanges out of slot; disengaged plunger, unsecured barrel etc.
- 11) Manual pusher with plunger protection guard.
- 12) Anti bolus system to reduce pressure on sudden release of occlusion.
- 13) Should have comprehensive ALARM package including: Occlusion limit exceed alarm. Near end of infusion pre-alarm & alarm, Volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm and alarm, AC power failure, Drive disengaged.
- 14) Rechargeable Battery having at least 1 hours backup for about 5ml/hr flow rate with 50ml syringes. Larger battery life and indication of residual life will be preferred.

- 15) Mounting device/ Docking Station for two or four pumps as per requirement so as to enable to power up to 2-4 pumps with one power cord when mounted on IV pole (**optional**).
- 16) The unit shall be capable of stored and operating continuously in ambient temperature of 10 - 50deg C and relative humidity of 15-90%
- 17) Power input to be 220-240VAC, 50Hz.
- 18) Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
- 19) User Manual and service manual in English.
- 20) Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
- 21) List of important spare parts and accessories with their part number and costing.

**Item no. 13**  
**CONTACT MICROHYSTROSCOPE**

- HAMOU Examination and Contact Hysteroscope III with Hopkins Forward Oblique Telescope 30°, enlarged view, magnification 1x 60x, autoclavable, diameter 2.9mm  
Length 30cm Fiber Optic light transmission incorporated Color Code: Red – 1 No
- Examination sheath, ø 3.8 mm, with 1 LUER-Lock adaptor, for use with CF- Examination sheath – 1 No
- Cont.-Flow Examination sheath, ø 4.5 mm, with 1 LUER-Lock adaptor, for use with examination sheath – 1 No
- BETTOCCHI Operating Sheath, size 4.3mm, with channel for semirigid 5 Fr. operating instruments, with 1 stopcock and 1 LUER-Lock adaptor, for use with CF operating sheath – 1 No
- BETTOCCHI Continuous-Flow Operating Sheath, size 5.mm, with 1 stopcock and 1 LUER-Lock adaptor, for use with operating sheath – 1 No
- Biopsy and Grasping Forceps, double action jaws, semirigid, 5 Fr., length 34 cm – 1 No
- Scissors, blunt, single action jaws, semirigid, 5 Fr., length 34 cm – 1 No
- Ball Electrode, unipolar, 5 Fr., length 53 cm – 1 No
- Monopolar High Frequency Cord with 4 mm plug for HF-unit, models KARL STORZ and Erbe type T, older models; length 300 cm – 1 No
- Working Element Set – 1 SET  
consisting of:
  - 1 Working element the thumb support is movable. In rest position the electrode tip is inside the sheath
  - 1 Cutting Loop, angled
  - 1 Coagulating-Electrode, ball end, ø 3 mm
  - 1 Coagulating-Electrode, ball end, ø 5 mm
  - 1 Coagulating Needle Electrode, angled
  - 2 High Frequency Cord
  - 1 Protection Tube, for for sterilization and storage of electrodes, curettes and knives

- Resectoscope Sheath including connecting tubes for in- and outflow, for continuous irrigation and suction,  $\varnothing$  8 mm, oblique beak, rotatable inner sheath with ceramic insulation, for use with working elements - 1 No
- Standard Obturator, for use with resectoscope sheaths - 1 No
- Cold Light fountain Halogen 150 Watts - 1 No  
Should be a Compact and lightweight design with manual light intensity control  
Color Temperature: 3400K with 1 light outlet  
Certified to: IEC 601-1. CE acc to MDD protection class 1/CF, CE acc. to MDD, protection class 1/BF
- Fiber Optic Light Cable, Diameter 3.5mm, Length 180cm - 1 No

**END OF DOCUMENT**