

# **BIDDING DOCUMENT**

(Two Bid System for Machinery & Equipment)

FOR  
**NATIONAL CANCER INSTITUTE**  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
(JHAJJAR CAMPUS)

NIB Ref: HITES/PCD/NCI-AIIMS/11/17-18



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# INDEX

<b>Section</b>	<b>Topic</b>	<b>Page No.</b>
Section I	– Notice Inviting Bids (NIB) -----	03
Section II	– General Instructions to Bidders (GIB) -----	05
Section III	– Special Instructions to Bidders (SIB) -----	24
Section IV	– General Conditions of Contract (GCC) -----	26
Section V	– Special Conditions of Contract (SCC) -----	41
Section VI	– List of Requirements -----	42
Section VII	– Technical Specifications & General Points -----	45
Section VIII	– Qualification Criteria -----	72
Section IX	– Bid Form -----	74
Section X	– Price Schedules -----	75
Section XI	– Check List -----	79
Section XII	– Bank Guarantee Form for Bid Security -----	81
Section XIII	– Manufacturer’s Authorisation Form -----	82
Section XIV	– Bank Guarantee Form for Performance Security /CAMC Security -----	83
Section XV	– Contract Form (A & B) -----	84
Section XVI	– Consignee Receipt Certificate -----	88
Section XVII	– Consignee Acceptance Certificate by the Consignee -----	89

**SECTION - I****NOTICE INVITING BIDS (NIB)****ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

Ansari Nagar, New Delhi-110 029

**NOTICE INVITING BIDS (GLOBAL)****NIB Ref: HITES/PCD/NCI-AIIMS/11/17-18****Dated: 05.02.2018**

Procurement & Consultancy Services Division of **HLL INFRA TECH SERVICES LIMITED** (a fully owned subsidiary of HLL Lifecare Ltd., a Govt. of India Enterprise) for and on behalf of **Director, AIIMS - New Delhi**, invites e-tenders in two bid system (technical and price bid) from the reputed, eligible & qualified firms/ manufacturers for purchase/supply of following goods at **National Cancer Institute Jhajjar, Haryana (AIIMS, New Delhi-29)**.

<b>Sl. no.</b>	<b>Rfx no.</b>	<b>Short Description of goods</b>	<b>Quantity (Nos.)</b>	<b>Bid Security (BS) (Rs.)</b>	<b>Tender Processing Fee incl. GST (Rs.)</b>
1	3000002484	Blood / Fluid warmer	24	43,200	3,540
2	3000002485	Cardiac Monitors ( Mid End )	50	4,50,000	3,540
		Central Nursing System (atleast 12 bed)	5		
		Central Nursing System (atleast 15 bed)	2		
		Central Nursing System (atleast 20 bed)	2		
3	3000002486	Pulse Oximeter	50	40,000	3,540
4	3000002487	CARDIOPULMONARY EXERCISING TEST MACHINE	2	80,000	3,540
5	3000002488	Defibrillator	28	3,36,000	3,540
6	3000002489	Crash Cart	28	1,12,000	3,540
7	3000002490	Difficult Airway Cart	10	40,000	3,540
8	3000002491	DVT machine /Pump	50	1,80,000	3,540
9	3000002492	ECG Machine	15	45,000	3,540
10	3000002493	Syringe Infusion Pump	100	1,00,000	3,540
		Docking Station	25		
11	3000002494	Jet / High Frequency Ventilator	3	1,20,000	3,540
12	3000002495	Patient Warming System	25	2,50,000	3,540
13	3000002496	Portable Suction Machine	40	72,000	3,540
14	3000002497	Spirometer Digital	2	40,000	3,540
15	3000002498	Thromboelastogram	3	60,000	3,540
16	3000002499	Transport Cardiac Monitor	30	1,80,000	3,540
17	3000002500	Transport ventilator	30	3,00,000	3,540
18	3000002502	Vein Visualizer	15	1,50,000	3,540
19	3000002503	Ventilator machine	25	7,50,000	3,540
20	3000002504	CPAP-BIPAP machine	20	80,000	3,540
21	3000002505	Volumetric Pump	30	30,000	3,540
22	3000002507	Patient Transfer System	3	30,000	3,540

<b>Pre-bid conference meeting with prospective bidders</b>	<b>Venue for pre-bid meeting</b>	<b>Sr. no. of goods</b>	<b>Date &amp; Time of pre-bid meeting</b>
	Committee Room (No. 149), 1st Floor, Dr. BRAIRCH Building, AIIMS, New Delhi-29.	Item no. 01 to 22	16.02.18 at 12:00 Noon
Last date and time of online submission of tender	05.03.2018 at 12:00 Noon		
Last date and time of physical submission of EMD, Tender processing Fee, any other document specified in the Bidding Document	05.03.2018 at 2:00 PM		
Date of tender Opening	05.03.2018 at 2:30 PM		
Contact Person	Project Officer - DVP(PCD), HITES Email: hll.ncij@hllhites.com		
<p>2. Interested bidders are advised to download the complete Tender Enquiry document from the websites <a href="http://www.hllhites.com">www.hllhites.com</a> or <a href="http://www.lifecarehll.com">www.lifecarehll.com</a> or <a href="http://www.eprocure.gov.in/cppp">www.eprocure.gov.in/cppp</a> or <a href="https://etender.lifecarehll.com/irj/portal">https://etender.lifecarehll.com/irj/portal</a> for complete details.</p> <p>3. The prospective bidders have to register with the E-procurement system of HLL at <a href="https://etender.lifecarehll.com/irj/portal">https://etender.lifecarehll.com/irj/portal</a>. On completion of the registration process, the bidders will be provided user ID and password within 48 hours (excluding non-working days). In order to submit the bids electronically, bidders are required to have a valid Class 3-B Digital Signature Certificate (signing and encryption/ decryption certificates).</p> <p>4. Bidders are requested to read the bidders help document on e-tender web site link before proceeding for bidding.</p> <p>5. Post receipt of User ID &amp; Password, Bidders can log on for downloading &amp; uploading tender document.</p> <p>6. The bidders shall submit the required Tender Processing Fee (in form of Demand Draft or Banker's Cheque) and EMD (as per GIT clause no. 19.3) in physical form in favour of '<b>HLL Infra Tech Services Limited</b>' at the scheduled time and venue. Tender processing Fee is required from all the bidders irrespective of their registration with NSIC or any other Govt. organisation.</p> <p>7. The online submission of tender(s) can only be done through <a href="https://etender.lifecarehll.com/irj/portal">https://etender.lifecarehll.com/irj/portal</a></p> <p>8. All prospective bidders (maximum two representative of a firm bearing ID proof issued by their firm) may attend the Pre-bid conference meeting. The venue, date and time indicated above.</p> <p>9. Bidders shall ensure that their tender(s), complete in all respects, are submitted online through HLL's e-portal (as described above) <b>ONLY. No DEVIATION is acceptable.</b></p> <p>10. Tender Processing Fee and Bid Security (BS) in original should be deposited within the scheduled date &amp; time in the Tender Box located at: <b>HLL Infra Tech Services Limited, Procurement and Consultancy Services Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh.</b></p> <p>11. Prospective bidders are advised to browse the above websites regularly before submission of their bids as any further amendments will be published in these websites only.</p> <p style="text-align: right;"><b>CEO (HITES)</b></p>			

**SECTION - II****GENERAL INSTRUCTIONS TO BIDDERS (GIB)  
CONTENTS**

<b>Sl. No.</b>	<b>Topic</b>	<b>Page No.</b>
<b>A</b>	<b>PREAMBLE</b>	
1	Definitions and Abbreviations	7
2	Introduction	8
3	Availability of Funds	8
4	Language of Bid	8
5	Eligible Bidders	9
6	Eligible Goods and Services	9
7	Bid Expense	9
<b>B</b>	<b>BIDDING DOCUMENTS</b>	
8	Contents of Bidding Documents	9
9	Amendments to Bidding Documents	9
10	Clarification of Bid Document	10
<b>C</b>	<b>PREPARATION OF BIDS</b>	
11	Documents Comprising the Bid	10
12	Bid Currencies	12
13	Bid Prices	12
14	Indian Agent	14
15	Firm Price	14
16	Alternative Models	14
17	Documents Establishing Bidder's Eligibility and Qualifications	15
18	Documents Establishing Good's Conformity to Bidding Document	15
19	Bid Security(BS)	15
20	Bid Validity	16
21	Signing and Sealing of Bid	17
<b>D</b>	<b>SUBMISSION OF BIDS</b>	
22	Submission of Bids	17

23	Late Bid	18
24	Alteration and Withdrawal of Bid	18
<b>E</b>	<b>BID OPENING</b>	
25	Opening of Bids	18
<b>F</b>	<b>SCRUTINY AND EVALUATION OF BIDS</b>	
26	Basic Principle	19
27	Scrutiny of Bids	19
28	Minor Infirmity/Irregularity/Non-Conformity	19
29	Discrepancy in Prices	20
30	Qualification Criteria	20
31	Conversion of Bid Currencies to Indian Rupees	20
32	Schedule-wise Evaluation	20
33	Comparison of Bids	20
34	Additional Factors and Parameters for Evaluation and Ranking of Responsive Bidders	21
35	Bidder's capability to perform the contract	21
36	Contacting the Purchaser	21
<b>G</b>	<b>AWARD OF CONTRACT</b>	
37	Purchaser's Right to Accept any Bid and to Reject any or All Bids	21
38	Award Criteria	22
39	Variation of Quantities at the Time of Award/Currency of contract	22
40	Notification of Award	22
41	Issue of Contract	22
42	Non-receipt of Performance Security and Contract by the Purchaser	22
43	Return of BS	23
44	Publication of Bid Result	23
<b>H</b>	<b>CORRUPT OR FRAUDULENT PRACTICES</b>	
45	Corrupt or Fraudulent Practices	23

## GENERAL INSTRUCTIONS TO BIDDERS (GIB)

### 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 means HLL INFRA TECH SERVICES LIMITED (HITES) for and on behalf of The Director, AIIMS, New Delhi.
- ii. "Bid" means Quotation / Tender received from a Firm / Tenderer / Bidder.
- iii. "Bidder" means Tenderer/ the Individual or Firm submitting Bids / Quotation / Tender
- iv. "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract/purchase order.
- v. "Goods" means all articles, material, commodity, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, vehicles, medicines, assemblies, sub-assemblies, accessories, intangible products like software, technology transfer, licenses, patents or other intellectual properties purchased or otherwise acquired for the use of Government but excludes books, publications, periodicals, etc. for a library. The term 'goods' also includes works and services which are incidental or consequential to the supply of such goods, such as, transportation, insurance, installation, commissioning, training and maintenance.
- vi. "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.
- vii. "Bid Security" (BS) means Earnest Money Deposit / monetary or financial guarantee to be furnished by a bidder along with its tender.
- viii. "Contract" means the written agreement entered into between the purchaser and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- ix. "Performance Security" means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- x. "Consignee" means the Center/Hospital/Department/Sections /person to whom the goods are required to be delivered as specified in the Contract.
- xi. "Specification" also called Technical Specifications means the document/standard that prescribes the requirement with which goods or service has to conform.
- xii. "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 mentioned in the contract to determine conformity.
- xiii. "Day" means calendar day.

#### 1.3 Abbreviations:

- (i) "NIT" means Notice Inviting Tenders.
- (ii) "GIB" means General Instructions to Bidders
- (iii) "SIT" means Special Instructions to Bidders

- (iv) "GCC" means General Conditions of Contract
- (v) "SCC" means Special Conditions of Contract
- (vi) "LC" means Letter of Credit
- (vii) "DP" means Delivery Period
- (viii) "BG" means Bank Guarantee
- (ix) "GST" means Goods & Service Tax
- (x) "CD" means Custom Duty
- (xi) "BL" means Bill of Lading
- (xii) "FOB" means Free on Board
- (xiii) "CIF" means Cost, Insurance and Freight
- (xiv) "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.
- (xv) "INCOTERMS" means International Commercial Terms as on the date of Bid Opening
- (xvi) "CAMC" means Comprehensive Annual Maintenance Contract (labour, spare and preventive maintenance)

## **2. Introduction**

- 2.1 The Purchaser has issued these Bidding 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 Instructions to Bidders") provides the relevant information as well as instructions to assist the prospective bidders in preparation and submission of bids. It also includes the mode and procedure to be adopted by the bidder for receipt and opening as well as scrutiny and evaluation of bids and subsequent placement of contract.
- 2.3 The bidder shall also read the Special Instructions to Bidders (SIB) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIB and the SIB, the provisions contained in the SIB shall prevail over those in the GIB.
- 2.4 Before formulating the bid and submitting the same to the purchaser, the bidder should read and examine all the terms, conditions, instructions, checklist etc. contained in the Bidding Document. Failure to provide and/or comply with the required information, instructions etc. incorporated in these Bidding Documents may result in rejection of its Bid.

## **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 Bid**

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



**5. Eligible Bidders**

- 5.1 This Invitation for Tenders is open to all bidder 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. Bid Expense**

- 7.1 The bidder shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its bid including preparation, mailing and submission of its bid 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 bidding process.

**B. TENDER ENQUIRY DOCUMENTS****8. Content of Tender Enquiry Documents**

- 8.1 In addition to Section I – “Notice Inviting Tender” (NIT), the Bidding Documents include:

Section II	– General Instructions to Bidders (GIB)
Section III	– Special Instructions to Bidders (SIB)
Section IV	– General Conditions of Contract (GCC)
Section V	– Special Conditions of Contract (SCC)
Section VI	– List of Requirements
Section VII	– Technical Specifications& General Points
Section VIII	– Qualification Criteria
Section IX	– Bid Form
Section X	– Price Schedules
Section XI	- Check List
Section XII	– Bank Guarantee Form for Bid Security
Section XIII	– Manufacturer’s Authorization Form
Section XIV	– Bank Guarantee Form for Performance Security/CAMC Security
Section XV	– Contract Forms A & B
Section XVI	– Proforma of Consignee Receipt Certificate
Section XVII	– Proforma of Consignee Acceptance Certificate by the consignee

- 8.2 The relevant details of the required goods and services, the terms, conditions and procedure for bidding, bid 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 bidders are expected to examine all such details etc to proceed further.

**9. Amendments to a Bidding documents**

- 9.1 At any time prior to the deadline for submission of bids, the purchaser may, for any reason deemed fit by it, modify the Bidding Documents by issuing suitable amendment(s) to it.

- 9.2 Such an amendment will be notified through CPPP ([eprocure.gov.in/cppp](http://eprocure.gov.in/cppp)) and/or [www.hllhites.com](http://www.hllhites.com) and/or [www.lifecarehll.com](http://www.lifecarehll.com) and will be binding on them.
- 9.3 In order to provide reasonable time to the prospective bidders to take necessary action in preparing their bids as per the amendment, the purchaser may, at its discretion extend the deadline appropriately for the submission of bids and other allied time frames, which are linked with that deadline.

## 10. Clarification of Bid document

- 10.1 A bidder requiring any clarification or elucidation on any issue of the Bidding Documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than ten days (unless otherwise specified in the SIB) prior to the prescribed date of submission of Bids.

## C. PREPARATION OF BIDS

### 11. Documents comprising the e-Bid

- 11.1 The bid(s) shall only be submitted online as mentioned below:

1. Technical Bid (Consisting of Techno-Commercial bids in excel format provided with the tender enquiry along with the supporting documents i.e. scanned copies of Tender Processing Fee, BID SECURITY, Eligibility Criteria & Technical Specifications viz. Product Specification Sheets/Brochures, OEM Certificate, etc.) have to be attached in the C-folder of e-tendering module. Bidders have to ensure that the documents uploaded in pdf and/or excel format or as per format instructed elsewhere are legible.
2. Price Bid has to be submitted in the prescribed excel format provided with the tender enquiry.

Note:

- a. The tender Processing fee and BID SECURITY has to be submitted in physical form as per Section – I, Notice Inviting Tender of this tender enquiry.
- b. The bidders have to follow the steps listed in Bidding Manual – Attachment Modem available in the Bidder Help Documents of e-tender portal login screen for uploading the Techno-Commercial Bid.

#### A) Techno-commercial Bid (Un-priced Bid)

**(Bidders shall furnish the following information along with technical tender in pdf and/or excel format or as per format instructed elsewhere):**

- i) Bid Security furnished in accordance with GIB clause 19.1 alternatively, documentary evidence as per GIB clause 19.2 for claiming exemption from payment of Bid Security.
- ii) Bid Form as per Section IX (without indicating any price).
- iii) Documentary evidence, as necessary in terms of clauses 5 and 17 of GIB establishing that the bidder is eligible to submit the bid and, also, qualified to perform the contract if its bid is accepted.
- iv) Bidder who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorisation Form. While giving authorization to agent, to quote on their behalf, manufacturer has to give the reasons for

- not quoting directly against this bid in the Manufacturer's Authorisation Form.
- v) Power of Attorney in favour of signatory and/or who is digitally signing the bidding documents and signatory of Manufacturer's Authorization Form.
  - vi) Documents and relevant details to establish in accordance with GIB clause 18 that the goods and the allied services to be supplied by the bidder conform to the requirement of the bidding documents.
  - vii) Performance Statement as per section VIII along with relevant copies of orders and end users' satisfaction certificate.
  - viii) Price Schedule(s) as per Section X filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
  - ix) Documents confirming to Sole Proprietorship/Partnership/Private Limited Firm in the country of origin as the case may be.
  - x) Checklist as per Section XI.
  - xi) Copies of GST registration certificate and PAN Card.
  - xii) Copies of annual report, audited balance sheet and profit & loss account as per tender requirement.
  - xiii) Non conviction /no pending conviction certification issued by Notary on non-judicial stamp paper for preceding three years.
  - xiv) Notarized affidavit that bidder does not have any relation with the person authorized to evaluate technically or involve in finalizing the tender or will decide the use of tendered items.
  - xv) A self-declaration on Rs. 10/- non-judicial Stamp Paper that the rates quoted in the tender are the lowest and not quoted less than this to any Government Institution (State/Central/ other Institute in India).
  - xvi) Technical and Commercial Compliance statement in excel format provided in the e-tender portal.
  - xvii) Product catalogues/original Data Sheets for all quoted items.
  - xviii) Copies of quality certificates, if applicable, namely, BIS, ISO, FDA, CE, etc.

**B) Price Tender:**

Prices are to be quoted in the prescribed Price Bid format in excel provided along with the tender enquiry in the e-tender portal. The price should be quoted for the accounting unit indicated in the e-tender document.

Note:

- a) The bidder has to be diligent while filling up the Techno-commercial Bid and Price Bid provided in excel formats and must not tamper the contents of the sheets.
- b) It is the responsibility of bidder to go through the TE document to ensure furnishing all required documents in addition to above, if any.
- c) The bidders have to follow the steps listed in Bidding Manual – Attachment Mode available in the *Bidder Help Documents of e-tender portal login screen* for uploading the Price Bid.

11.2 The authorized signatory of the bidder must sign the bid duly stamped at appropriate places and initial all the remaining pages of the bid. Individuals signing the bid or other documents connected with a contract must specify whether he signs as:

- i. A 'Sole Proprietor' of the firm or constituted attorney of such Sole Proprietor.

- ii. In case of partnership firm he must have authority to quote & to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney;
- iii. Constituted attorney of the firm if it is a company.

Note:

1. In case of (ii) above, a copy of the partnership agreement duly registered with “Registrar of Firm’s” or general power of attorney, in either, case, attested by a Notary Public should be furnished, or affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.
  2. In case of the partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the bid and all other related documents must be signed by every partner of the firm.
  3. A person signing the bid 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, liable for rejection of bid or cancel of contract and hold the signatory liable for all cost and damages.
- 11.3 A bid, 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.

## **12. Bid Currencies**

- 12.1 The bidder 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 after satisfactory supply, installation and acceptance of the goods. The rate of conversion shall be taken as on the date of placement of purchase order.
- 12.3 Bids, where prices are quoted in any other way shall be treated as non-responsive and rejected.

## **13 Bid Prices**

- 13.1 The Bidder shall indicate on the Price Schedule provided under Section X all the specified components of prices shown therein including the unit prices, applicable taxes and total bid 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 bidder, same should be clarified as “NA” by the bidder.
- 13.2 If there is more than one schedule in the “List of Requirements”, the bidder has the option to submit its bid for any one or more schedules and, also, to offer special

discount for combined schedules. However, while quoting for a schedule, the bidder 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 X.

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 packing charges and GST and Custom Duty 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 taxes and duty, which will be payable on the goods in India if the contract is awarded;
- c) Charges towards 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 (including installation & commissioning, supervision, demonstration and training), at the consignee site as mentioned in List of Requirements, Technical Specification and Price Schedule;
- e) The prices of Turnkey Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- f) The price of CAMC, 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 on FOB at port/ FCA at airport of shipment, as mentioned in List of Requirements, Technical Specification and Price Schedule
- b) The amount of Freight and Insurance (port of loading to port of entry) and other incidental costs.
- c) The price of Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site as mentioned in List of Requirements, Technical Specification and Price Schedule.
- d) The price of Extended Insurance (local transportation and storage) from port of entry to the consignee site for a period including 3 months beyond date of delivery.
- e) The Unit Price on CIP Name port of Destination + Extended Insurance (local transportation and storage)
- f) The price of total Price on CIP Named port of Destination +Insurance (local transportation on and storage)
- g) The prices of Turnkey Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- h) The price of CAMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

**13.5 Additional information and instruction on Taxes and Duties:****13.5.1 GST (Goods & Services Tax)**

If the bidder desires to ask for GST (goods and services tax) to be paid extra, the same must be specifically stated. In the absence of any such stipulation, the price will be taken inclusive of GST and no claim for the same will be entertained later.

**13.5.2 Customs Duty**

The Purchaser will pay the Customs duty wherever applicable.

13.6 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.

13.7 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.

13.8 Unless otherwise specifically indicated in this Bidding Document, the terms FCA, FOB, CIF, CIP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS - 2010, published by the International Chamber of Commerce, Paris

13.9 The need for indication of all such price components by the bidders, as required in this clause (viz., GIB clause 13) is for the purpose of comparison of the bids by the purchaser and will no way restrict the purchaser's right to award the contract on the selected bidder on any of the terms offered.

**14. Indian Agent**

14.1 If a foreign bidder has engaged an agent in India in connection with its bid, the foreign bidder, in addition to indicating Indian agent's commission, if any, in a manner described under GIB sub clause 12.2 above, shall also furnish the following information:

- a) The complete name and address of the Indian Agent.
- 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 CAMC period.

**15. Firm Price**

15.1 Unless otherwise specified in the SIB, prices quoted by the bidder 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 GIB clause 13 will apply.

**16. Alternative Models**

16.1 Alternative Models are permitted. The Bidder can quote alternate models meeting the specifications of the bidding document of same manufacturer with single Bid Security.

- 16.2 If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same ATE for the same item/product. In a bid, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same models in the same ATE.
- 16.3 One Principal/OEM cannot authorize two agents simultaneously for the same item against same ATE.

## **17 Documents Establishing Bidder's Eligibility and Qualifications**

- 17.1 Pursuant to GIB clause 11, the bidder shall furnish, as part of its bid, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its bid is accepted.
- 17.2 The documentary evidence needed to establish the bidder's qualifications shall fulfill the following requirements:
- a) In case the bidder offers to supply goods, which are manufactured by some other firm, the bidder has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser. The bidder shall submit the manufacturer's authorization letter to this effect as per the standard form provided under Section XIII in this document.
  - b) In case the bidder 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 Bidding Document.**

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

## **19. Bid Security (BS)**

- 19.1 Pursuant to GIB clauses 8.1 and 11.1 A (i) the bidder shall furnish along with its bid, Bid Security for amount as shown in the Notice Inviting Bids (NIB). The Bid Security is required to protect the purchaser against the risk of the bidder's unwarranted conduct as amplified under sub-clause 19.7 below.

- 19.2 The bidders who are currently registered with MSME for the specific goods as per bidding document specification shall be eligible for exemption from Bid Security as defined in MSE Procurement Policy issued by the department of MSME. In case the bidder falls in this category, the bidder shall enclose relevant certificate of registration issued by department of MSME.
- 19.3 The Bid Security shall be denominated in Indian Rupees or equivalent currencies as per GIB clause 12.2. The Bid Security shall be furnished in one of the following forms:
- i) Account Payee Demand Draft/ Banker's cheque
  - ii) Fixed Deposit Receipt
  - 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 bidder, in favour of the "....."(as indicated in the NIB) payable at New Delhi. In case of Bank Guarantee, the same is to be provided from any commercial bank in India or country of the bidder as per the format specified under Section XII in these documents.
- 19.5 The Bid Security shall be valid for a period of forty-five (45) days beyond the validity period of the bid. As validity period of Bid as per Clause 20 of GIB is 270 days, the Bid Security shall be valid for 315 days from Techno-Commercial Bid opening date.
- 19.6 The Bid Security of unsuccessful bidders will be returned without any interest, after expiry of the bid validity period, but not later than thirty days after conclusion of the resultant contract. The Bid Security of successful bidder will be returned without any interest, after receipt of performance security from that bidder.
- 19.7 Bid Security is required to protect the purchaser's right against the risk of the Bidder's conduct, which would warrant the forfeiture of the Bid Security. Bid Security of a bidder will be forfeited, if the bidder withdraws or amends its bids or impairs or derogates from the bid in any respect within the period of validity of its bid or if it comes to the notice that the information/documents furnished in its bid is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The Bid Security of the successful bidder 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 nationalized bank in India by way of back-to-back counter guarantee and the same should be submitted along with the bid.

## **20. Bid Validity**

- 20.1 If not mentioned otherwise in the SIB, the bid shall remain valid for acceptance for a period of 270 days (Two hundred and Seventy days) after the date of bid opening prescribed in the Bidding Document. Any bid valid for a shorter period shall be treated as unresponsive and rejected.
- 20.2 In exceptional cases, the bidder may be requested by the purchaser to extend the validity of their bids up to a specified period. Such request(s) and responses thereto shall be conveyed by mail/fax/email. The bidders, who agree to extend the bid validity, are to extend the same without any change or modification of their original bid and they are also to extend the validity period of the Bid Security accordingly. A



bidder, who may not agree to extend its bid validity after the expiry of the original validity period, their bid will not be considered further and the Bid Security furnished by them shall be returned.

- 20.3 In case the day up to which the bids are to remain valid falls on/subsequently declared a holiday or closed day for the purchaser, the bid validity shall automatically be extended up to the next working day.

## **21. Signing and Sealing of Bid**

- 21.1 The bidders shall submit their bids as per the instructions contained in GIB Clause 11.
- 21.2 Unless otherwise mentioned in the SIB, a bidder shall submit only one copy of its bid marking it as "Original". Bidders are requested to submit their Bids after binding and page numbering.
- 21.3 The Bid shall either be typed or written in indelible ink and the same shall be signed by the bidder or by a person(s) who has been duly authorized. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the bid.
- 21.4 All the documents of the bid shall be duly signed at the appropriate places as indicated in the Bidding Documents and all other pages of the bid including printed literature (if any), shall be initialled and stamped by the same person(s) signing the bid. The bid shall not contain any eraser or overwriting, except as necessary to correct any error made by the bidder and, if there is any such correction; the same shall be initialled and stamped by the person(s) signing the bid.
- 21.5 The bidder is to seal the bid and writing the address of the purchaser and the bid reference number on the envelopes. The sentence "NOT TO BE OPENED" before \_\_\_\_\_ (The bidder is to put the date & time of bid opening) are to be written on this envelope. If the envelope is not sealed and marked properly as above, the purchaser will not assume any responsibility for its misplacement, premature opening, late opening etc.
- 21.6 Bidding Document seeks quotation following "Two Bid System", in two parts. First part will be known as 'Techno-Commercial Bid', and the second part 'Price Bid' as specified in clause 11 of GIB. Bidders shall seal 'Techno-Commercial Bid' and 'Price Bid' separately and covers will be suitably super scribed. Both these sealed covers shall be than put in a bigger cover and sealed and procedure prescribed in Paras 21.1 to 21.5 be followed.

## **D. SUBMISSION OF BIDS**

### **22. Submission of Bids:**

- 22.1 Unless otherwise specified, the bidders are to drop the Bids in the tender box located at **HLL Infra Tech Services Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh** or the same shall be submitted by the bidder by hand to concerned Project Officer dealing hand or his nominee. The necessary entry will be made in the Bid Receipt Register.
- 22.2 The bidders must ensure that they submit the on-line bids within the scheduled closing date & time. They shall also ensure to submit the original Tender Processing Fee and Bid Security within its scheduled date & time. It is the

responsibility of the bidder to ensure that their Bids whether sent by post or by courier or by person, are dropped in the Tender Box by the specified clearing date and time. In the event of the specified date for submission of bid falls on / is subsequently declared a holiday or closed day for the purchaser, the bids will be received up to the appointed time on the next working day.

**23. Late Bid:**

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

**24. Alteration and Withdrawal of Bid**

- 24.1 The bidder, after submitting its bid, is permitted to alter/modify its bid, within the deadline for submission of bids. Alterations/modifications to bids received after the prescribed deadline will not be considered.
- 24.2 No bid should be withdrawn after the deadline for submission of bid and before expiry of the bid validity period. If a bidder withdraws the bid during this period, it will result in forfeiture of the Bid Security furnished by the bidder in its bid.

**E. BID OPENING**

**25. Opening of Bids:**

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

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

- 25.2 Authorized representatives of the bidder, who have submitted bids on time may attend the bid opening provided they bring with them letter of authority from their bidder. The bid opening official(s) will prepare a list of the representatives attending the bid opening. The list will contain the representatives’ names & signatures and corresponding bidder’s names and addresses.
- 25.3 Two Bid System as mentioned in Para 21.6 above will be as follows. The “Techno - Commercial Bids” are to be opened in the first instance, at the prescribed time and date as indicated in NIB. These Bids shall be scrutinized and evaluated by the competent committee/authority with reference to parameters prescribed in the Bidding Document. During the Techno-Commercial Bid opening, the bid opening official(s) will read the salient features of the bids like brief description of the goods offered, Bid Security and any other special features of the bids, as deemed fit by the bid opening official(s). Thereafter, in the second stage, the Price Bids 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 Bid. The prices, special discount if any of the goods offered etc., as deemed fit by bid opening official(s) will be read out.

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**F. SCRUTINY AND EVALUATION OF BIDS****26. Basic Principle**

26.1 Bids will be evaluated on the basis of the terms & conditions already incorporated in the Bidding Document, based on which bids have been received and the terms, conditions etc. mentioned by the bidders in their bids. No new condition will be brought in while scrutinizing and evaluating the bids.

**27. Scrutiny of Bids**

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

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

27.3 The Bids will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the Bidding Documents. The bids, which do not meet the basic requirements, are liable to be treated as non-responsive and will be rejected.

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

- (i) Bid form as per Section IX (signed & stamped) not enclosed.
- (ii) Bid is unsigned.
- (iii) Bid validity is shorter than the required period.
- (iv) Required Bid Security (Amount, validity etc.)/ Exemption documents have not been provided.
- (v) Bidder has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorization Form as per Section XIII.
- (vi) Bidder has not agreed to give the required Performance Security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – "Special Conditions of Contract", for due performance of the contract.
- (vii) Bidder has not agreed to other essential condition(s) specially incorporated in the bidding document like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism, and applicable law.
- (viii) Poor/unsatisfactory past performance.
- (ix) Bidders who stand de-registered/banned/blacklisted by any Central Govt. Ministries/Departments/Hospitals/Institutes.
- (x) Bidder is not eligible as per Clauses 5, 6 & 17 of GIB.
- (xi) Bidder has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.
- (xii) Bidder has not agreed for the delivery terms and delivery schedule.

**28. Minor Informality/Irregularity/Non-Conformity**

28.1 If during the evaluation, the purchaser find any minor informality and/or irregularity and/or non-conformity in a bid, the purchaser will convey its observation on such 'minor' issues, which has not price implication, to the bidders by registered/speed post/ e-mail/fax etc. asking the bidder to respond by a specified date. If the bidder does not reply by the specified date or gives evasive

reply without clarifying the point at issue in clear terms, that bid will be liable to be ignored.

## **29 Discrepancies in Prices**

- 29.1 If, in the price structure quoted by a bidder, 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 bidder 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 judgment of the purchaser, there is any such arithmetical discrepancy in a bid, the same will be suitably conveyed to the bidder by registered/speed post/email. If the bidder does not agree to the observation of the purchaser, the bid is liable to be ignored.

## **30. Qualification Criteria**

- 30.1 Bids of the bidder, who do not meet the required Qualification Criteria prescribed in Section VIII, will be treated as non-responsive and will not be considered further.

## **31. Conversion of Bid currencies to Indian Rupees**

- 31.1 In case the Bidding Documents permits the bidder to quote their prices in different currencies, all such quoted prices of the responsive bidder 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 Bid' opening.

## **32. Schedule-wise Evaluation**

- 1.1 In case the List of Requirements contains more than one schedule, the responsive bids will be evaluated and compared separately for each schedule. The bid for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the bid. However, as already mentioned in GIB sub clause 13.2, the bidders have the option to quote for any one or more schedules and offer discounts for combined schedules. Such discounts wherever applicable will be taken into account to determine the lowest evaluated cost for the purchaser in deciding the successful bidder for each schedule, subject to bidder (s) being responsive.

## **33. Comparison of Bids**

- 33.1. Unless mentioned otherwise in Section – III – Special Instructions to bidder and Section – VI – List of Requirements, the comparison of the responsive Bids shall be carried out on Free Delivery at consignee site basis. The quoted Turnkey Work prices and CAMC prices will also be added for comparison/ranking purpose for evaluation. "Net Present Value (NPV) of the Comprehensive Annual Maintenance Contract Charges (CAMC) quoted for 5 years after the warranty period shall be added to the bid price for evaluation and will be calculated after discounting the

quoted price by a discounting factor of 10% per annum.” However the payment of CAMC shall be made to the successful bidder at approved rates.

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

34.1 Further to GIB Clause 33 above, the purchaser’s evaluation of a bid 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, GST which will be contractually payable (to the bidder), on the goods if a contract is awarded on the bidder; and
- ii) in the case of goods of foreign origin offered from abroad, customs duty and GST which will be contractually payable (to the bidder) on the goods if the contract is awarded on the bidder.

34.2 The purchaser’s evaluation of bid will also take into account the additional factors, if any, incorporated in SIB in the manner and to the extent indicated therein.

34.3 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 Bids.

### **35. Bidder’s capability to perform the contract**

35.1 The purchaser, through the above process of bid scrutiny and bid evaluation will determine to its satisfaction whether the bidder, whose bid has been determined as the lowest evaluated responsive bid 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.

35.2 The above-mentioned determination will, inter alia, take into account the bidder satisfying all the requirements of the purchaser as incorporated in the Bidding Document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the bidder in its bid as well as such other allied information as deemed appropriate by the purchaser.

### **36. Contacting the Purchaser**

36.1 From the time of submission of bid to the time of awarding the contract, if a bidder needs to contact the purchaser for any reason relating to NIB/Bidding Document and / or its bid, it should do so only in writing.

36.2 In case a bidder attempts to influence the purchaser in the purchaser’s decision on scrutiny, comparison & evaluation of bids and awarding the contract, the bid of the bidder shall be liable for rejection in addition to appropriate administrative actions being taken against that bidder, as deemed fit by the purchaser.

## **G. AWARD OF CONTRACT**

### **37. Purchaser’s Right to accept any bid and to reject any or all bids.**

37.1 The purchaser reserves the right to accept in part or in full any bid or reject any or more bid(s) without assigning any reason or to cancel the bidding process and

reject all bids at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder(s).

### **38. Award Criteria**

38.1 Subject to GIB clause 37 above, the contract will be awarded to the lowest evaluated responsive bidder decided by the purchaser in terms of GIB Clause 35.

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

39.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to twenty five (25) per cent, the quantity of goods and services mentioned in the schedule (s) in the "List of Requirements" (rounded off to next whole number) without any change in the unit price and other terms & conditions quoted by the bidder.

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

### **40. Notification of Award**

40.1 Before expiry of the bid validity period, the purchaser will notify the successful bidder(s) in writing, by registered / speed post or by fax/email (to be confirmed by registered / speed post) that its bid for Goods & Services, which have been selected by the purchaser, has been accepted, also briefly indicating there in the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful bidder must furnish to the purchaser the required Performance Security within thirty days from the date of dispatch of this notification, failing which the Bid Security will be forfeited and the award will be cancelled. Relevant details about the Performance Security have been provided in clause 5 of GCC under Section IV.

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

### **41. Issue of Contract**

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

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

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

### **42. Non-receipt of Performance Security and Contract by the Purchaser**

42.1 Failure of the successful bidder in providing Performance Security and/or returning contract copy duly signed in terms of GIB clauses 40 and 41 above shall make the bidder liable for forfeiture of its Bid Security and, also, for further actions by the Purchaser it as per the clause 24-Termination of default of GCC under Section IV.

**43. Return of Bid Security**

43.1 The Bid Security of the successful bidder and the unsuccessful bidder will be returned to them without any interest, whatsoever, in terms of Clause 19 of GIB.

**44. Publication of Bid Result**

44.1 The name and address of the successful bidder (s) receiving the contract(s) will be mentioned in the Website of AIIMS, CPPP and HITES.

**H. CORRUPT OR FRADULENT PRACTICES**

**45. Corrupt or Fraudulent Practices**

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

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
  - (i) “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
  - (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among bidders (prior to or after Bid submission) designed to establish Bid 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 Bidder 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 BIDDERS  
(SIB)**

The following Special Instructions to Bidders will apply for this purchase. These special instructions will modify/substitute/supplement the corresponding General Instructions to Bidders (GIB) incorporated in Section II. The corresponding GIB clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIB and that in the SIB, the provision contained in the SIB shall prevail.

<b>Sl. No.</b>	<b>GIB Clause No.</b>	<b>Topic</b>	<b>SIB Provision</b>	<b>Ref. Page No.</b>
A	1 to 7	Preamble	No Change	
B	8 to 10	Bidding Document	Change in GIB Clause no. 10.1	
	10.1	Clarification of Bid document	Changed as under	10
C	11 to 21	Preparation of Bids	Change in GIB Clause no. 21.1	
	21.1		Changed as under	17
D	22 to 24	Submission of Bids	Guiding notes given as under	18
E	25	Bid Opening	No Change	
F	26 to 36	Scrutiny and Evaluation of Bids	No Change	
	33	Comparison of Bids	Additional para 33.2 as under	20
G	37 to 44	Award of Contract	No Change	
H	45	Corrupt or Fraudulent Practices	No Change	

**10. Clarification of Bid document**

10.1 A bidder requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing in their letter head duly signed and scanned through email to [hll.ncij@hllhites.com](mailto:hll.ncij@hllhites.com). The purchaser will respond to such request provided the same is received 2 (two) days prior to the Pre-bid Meeting Conference. Any queries/representations received after the pre-bid meeting will not be taken into cognizance.

**21. Digital Signing of e-Bid**

21.1 The bidders shall submit their bids online as per the instructions contained in GIB Clause 11 and any other specific instruction mentioned in the e-Tender portal using the digital signature.

**Instruction on submission of Bids**

- i) All the documents pertaining to the event/RFx no. may be downloaded from the e-portal by clicking on the '**Technical RFx**' option in the 'top-left portion of the web-page' when the RFx/event is in **Display Mode**.
- ii) All the necessary documents as prescribed in the NIB shall be prepared and scanned in different files (in PDF and/or Excel format or as per format instructed elsewhere) and uploaded for on-line submission of Proposal.



- iii) The scanned copies of Bid Processing Fee, Bid Security, all document(s)/ information(s) including the Financial Proposal should be uploaded **online only** in the prescribed format given in the designated e-tendering portal website. No other mode of submission shall be acceptable.

However, **Bid Processing Fee, Bid Security, Catalogue(s)/Data-sheet(s)** related to all quoted items must be submitted in original at the desired venue before the last date and time of physical submission as mentioned in the NIB.

- iv) 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.
- v) The Individual file size of uploading is restricted up to 5 MB. Bidders may upload multiple files (Not exceeding 5 MB individually) & give relevant file name indicating the contents.
- vi) The file name of price bid should not be different from the price bid format uploaded by the Bid inviting Authority in the e-portal. This can be downloaded from the **Notes & Attachment** under **Details** of item when the RFX/event is in **Display Mode** or as mentioned in point no. i) above.
- vii) **Bidders may simulate online bid submission (technical & financial) at least one week in advance of the bid submission deadline. No clarifications/troubleshooting regarding any problems being faced during bid submission online shall be entertained in the last week of bid submission.**

### **Qualification Criteria (Ref. GIB Clause 30.1)**

The Purchaser reserves the right to ask for a free demonstration of the quoted equipment after giving reasonable time to the bidder at a pre-determined place acceptable to the purchaser or at site (in case of non-portable and heavy equipment) for technical acceptability as per the bidding document specifications, before the opening of the Price Bid.

### **33. Comparison of Bids**

- 33.2 Unit Prices for all optional items/accessories/services (if any) asked in the tender specifications must be quoted separately by all the bidders in their price bid. Such unit prices after multiplying by the required quantity shall be added and taken into consideration for comparison and ranking of bids.

#### **Added Para (Ref. GIB Clause 33 & 34):**

The comparison of bids will be based on GIB Clause 33, 34 and if any, as specified in the Technical specification(s). However, at the time of award of contract, the value of award (bid value/contract value) shall be limited to the upfront charges payable by the exchequer for Supply, Installation, Testing & Commissioning value only on DDP basis which is inclusive of warranty (for number of years specified at section VI; List of Requirement, Part I) and any other item(s)/services detailed for upfront purchase in the technical specifications. The cost of any other parameters like CAMC price beyond the warranty period, cost of any Consumables, any other recurring expenditure, etc. which have been considered for ranking of bids or for freezing of rates shall not be part of tender/award/bid/contract value.

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

<b>Sl.</b>	<b>Topic</b>	<b>Page</b>
1	Application	27
2	Use of contract documents and information	27
3	Patent Rights	27
4	Country of Origin	27
5	Performance Security	27
6	Technical Specifications and General Points	28
7	Packing and Marking	28
8	Inspection, Testing and Quality Control	29
9	Terms of Delivery	30
10	Transportation of Goods	30
11	Insurance	30
12	Spare parts	31
13	Incidental services	31
14	Distribution of Dispatch Documents for clearance/ Receipt of Goods	32
15	Warranty and CAMC	32
16	Assignment	33
17	Sub Contracts	33
18	Modification of contract	34
19	Prices	34
20	Taxes and Duties	34
21	Terms and mode of Payment	34
22	Delivery	36
23	Liquidated Damages	38
24	Termination for default	38
25	Termination for insolvency	38
26	Force Majeure	38
27	Termination for convenience	39
28	Governing language	39
29	Notices	39
30	Resolution of disputes	40
31	Applicable Law	40
32	Withholding and Lien in respect of Sums claimed	40
33	Fall Clauses	40

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**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.

**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 Bidding Document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.
- 2.2 Further, the supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC sub-clause 2.1 above except for the sole purpose of performing this contract.
- 2.3 Except the contract issued to the supplier, each and every other document mentioned in GCC sub-clause 2.1 above shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier's performance and obligations under this contract.

**3. Patent Rights**

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

**4. Country of Origin**

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

**5. Performance Security**

- 5.1 Within Thirty (30) days from date of the issue of notification of award by the Purchaser, the supplier, shall furnish Performance Security to the Purchaser for an amount equal to ten percent (10%) of the total value of the contract, valid up to

ninety (90) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.

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

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 XIV of this document in favour of the Purchaser. The validity of the Fixed Deposit Receipt or Bank Guarantee will be for a period up to ninety (90) days beyond Warranty Period.

- 5.3 In the event of any failure/default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CAMC security as per Performa in Section XIV, the amount of the performance security is liable to be forfeited. The needful will be done to cover any failure/default of the supplier with or without any quantifiable loss to the Government.
- 5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.
- 5.5 The supplier shall enter into Comprehensive Annual Maintenance Contract as per the 'Contract Form - B' in Section XV with respective consignees, 3 (three) months prior to the completion of Warranty Period. The CAMC will commence from the date of expiry of the Warranty Period.
- 5.6 Subject to GCC sub – clause 5.3 above, the Purchaser 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 CAMC security in favour of concerned Director AIIMS/Chief of Centres/MS of Hospital/Head of the Department/Dean as per the format in Section XIV.

## **6. Technical Specifications and Standards**

- 6.1 The Goods & Services to be provided by the supplier under this contract shall conform 'Technical Specification' under Sections VII of this document.

## **7. Packing and Marking**

- 7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.
- 7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications under Section VII 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 under Section VII and in SCC under Section V, the supplier shall make separate packages for each consignee (in case there is more than one consignee mentioned in the contract) and mark each package on three sides with the following with indelible paint of proper quality:

- a. Contract number and date
- b. Brief description of goods including quantity
- c. Packing list reference number
- d. Country of origin of goods
- e. Consignee's name and full address and
- f. Supplier's name and address

## 8. Inspection, Testing and Quality Control

- 8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. "The cost towards the transportation, boarding and lodging will be borne by the purchaser and/or its nominated representative(s) for the first visit. In case the goods are rejected in the first instance and the supplier requests for re-inspection, and if same is accepted by Purchaser/Consignee, all subsequent inspections shall be at the cost of the supplier. The expense will be to and fro Economy Airfare, Local Conveyance, Boarding and Lodging of the inspection team for the inspection period."
- 8.2 The Technical Specification 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 re-submit the same to the purchaser's inspector for conducting the inspections and tests again.
- 8.4 In case the contract stipulates pre-dispatch 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 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-dispatch inspection mentioned above.

"On rejection, the supplier shall remove such stores within 14 days of the date of intimation of such rejection from the consignee's premises. If such goods are not removed by the supplier within the period mentioned above, the purchaser/consignee may remove the rejected stores and either return the same to the supplier at his risk and cost by such mode of transport as purchaser/consignee may decide or dispose of such goods at the suppliers risk to recover any expense incurred in connection with such disposals and also the cost of the rejected stores if already paid for."

- 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 recognized/ reputed agency like SGS, Lloyd, Bureau Veritas, TUV etc. prior to dispatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

## **9. Terms of Delivery**

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

## **10. Transportation of Goods**

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

The supplier shall not arrange part-shipments 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.

## **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 Free Delivery at Consignee's 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 warehouse to warehouse (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee.

- ii) In case of supply of the imported goods on CIP (named port of Destination Basis), the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 3 months beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from warehouse to warehouse (consignee site) on all risk basis.

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee/End User, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actual 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/End User 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/End User 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/End User, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser/End User.

12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the goods so that the same are used during warranty and CAMC period.

## **13. Incidental services**

13.1 Subject to the stipulation, if any, in the SCC (Section – V), List of Requirements (Section - VI) and the Technical Specification (Section – VII), the supplier shall be required to perform the following services:

- i) Installation & Commissioning, Supervision, Demonstration, Trial run etc. of the goods.
- ii) Turnkey work (if any).
- iii) Training of Consignee's/End Users 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 dispatch documents well in time to enable the purchaser 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:

Within 24 hours of dispatch, the supplier shall notify the concerned Store Officer in AIIMS Clearing Agent and others concerned the complete details of dispatch and also supply following documents by air mail/ courier etc. with intimation by e-mail:

- a) Commercial Supplier's Invoice giving full details of the goods including quantity, value, etc.;
- b) Packing list;
- c) Certificate of country of origin;
- d) Bill of Lading/Airway Bill;
- e) Insurance Certificate; (if applicable)
- f) Manufacturer's guarantee and Inspection certificate; (if applicable)
- g) Inspection certificate issued by the Purchaser's Inspector; (if applicable)
- h) Any other document(s) as and if required in terms of the contract.

**15. Warranty and CAMC**

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 include all spares, labour and preventive maintenance from the date of completion of the satisfactory installation and acceptance till warranty period.

15.3 The Comprehensive Annual Maintenance Contract shall include all spares, labour and preventive maintenance from the date of completion of the satisfactory installation and acceptance till warranty period.

15.4 Warranty as well as Comprehensive Annual Maintenance Contract will be inclusive of all accessories and turnkey work and it will also cover the following, wherever applicable:-

- All kinds of Motors.
- Plastic & Glass Parts against any manufacturing defects.
- All kinds of sensors.
- All kinds of coils, probes and transducers.
- Printers and imagers including laser and thermal printers with all parts.
- UPS including the replacement of batteries.
- Air-conditioners

15.5 In case of any claim arising out of this warranty and CAMC period 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 unless revised in SCC in Section V of Bidding Document.



- 15.6 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 conditions laid down in the Bidding Document.
- 15.7 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 up to the completion of the original warranty period of the main equipment.
- 15.8 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.
- 15.9 During Warranty and CAMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods.
- 15.10 The Purchaser/Consignee reserve the rights to enter into Comprehensive Annual Maintenance Contract between the Purchaser and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.
- 15.11 The supplier along with its Manufacturer, Indian Agent and the CAMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the purchaser for 10 years from the date of installation and handing over.
- 15.12 The Supplier along with its Manufacturer 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 equipment/machines/goods etc. and shall always give the most competitive price for its machines/equipment 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 bid. Such notification, in its original bid 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 dispatch,
- 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 the supplier shall convey its views to the Purchaser within twenty-one days from the date of the supplier's receipt of the Purchaser'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 bid and incorporated in the contract except for any price adjustment authorized in the SCC.

## 20. Taxes and Duties

20.1 Supplier shall be entirely responsible for GST incurred until delivery of the contracted goods to the purchaser.

20.2 Further instruction, if any, shall be as provided in the SCC.

## 21. Terms and Mode of Payment

### 21.1 Payment Terms

Payment shall be made through electronic transfer in NEFT/RTGS 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 Indigenous Goods (M&E) 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:** 75% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:
  - (i) Original copies of supplier's invoice showing contract number, goods description, quantity, packing list, unit price and total amount;

- (ii) Consignee Receipt Certificate as per Section XVI of bidding document in original issued by the authorized representative of the consignee;
- b) **On Acceptance:** Balance 25% payment would be made against “Installation and Acceptance Certificate” of goods to be issued by the End User subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. “Installation and Acceptance Certificate” need to be issued by the concerned End User after installation, commissioning, testing and successful trial run (if applicable).
- B) Payment for Imported Goods (M&E):** Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:
- a) **On Shipment:** 75% of the net FCA/CIP price (i.e. FCA/CIP price less Indian Agency commission) of the goods despatch by Sea/Air 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) Commercial Supplier’s Invoice giving full details of the goods including quantity, value, etc.;
  - ii) Packing list;
  - iii) Certificate of country of origin;
  - iv) Negotiable clean Bill of Lading/Airway Bill;
  - v) Insurance Certificate; (if applicable)
  - vi) Manufacturer’s guarantee and Inspection certificate; (if applicable)
  - vii) Inspection certificate issued by the Purchaser’s Inspector; (if applicable)
  - viii) Any other document(s) as and if required in terms of the contract.
- b) **On Acceptance:** Balance payment of 25% of net FCA/CIP price of goods would be made against “Installation and Acceptance Certificate” to be issued by the End User 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. “Installation and Acceptance Certificate” need to be issued by the concerned End User after installation, commissioning, testing and successful trail run (if applicable).
- c) Payment of Consumable Imported Goods/Reagents/Kits would be made 100% against “Installation and Acceptance Certificate” to be issued by the End User through Wire Transfer.
- d) **Payment of Incidental Costs:** Incidental costs till consignee site towards Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training),if applicable will be paid in Indian Rupees to the Indian Agent on submission of “Installation and Acceptance Certificate” by the End User.
- e) **Payment of Indian Agency Commission:** Indian Agency Commission (IAC) will be paid to the Authorised manufacturer’s agent in Indian rupees indicated in the contract (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation/exchange variation. The agency commission payment shall be made on submission of “Installation and Acceptance Certificate” by the End User.
- C) Payment of Civil/Electrical Works at site:** The payment related to Civil/Electrical Works at site will be made as indicated in the contract (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject

to further escalation/exchange variation. The payment for Civil/Electrical works shall be made on submission of "Installation and Acceptance Certificate" by the End User.

**D) Payment for Comprehensive Annual Maintenance Contract Charges:** The consignee will enter into CAMC with the supplier at the rates as stipulated in the contract. The payment of CAMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the End User 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 of the bidding document valid till 3 months after expiry of entire CAMC period. The Performance Bank Guarantee for CAMC will be applicable in case of contract value is more than Rs. 10 lakh.

## **21.2 Terms of payment for imported goods**

21.2.1 The supplier shall not claim any interest on payments under the contract.

21.2.2 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.

21.2.3 Irrevocable & non-transferable LC shall be opened by the Purchaser. However, if the supplier requests specifically to open confirmed LC, the extra charges would be borne by the supplier. If LC is required to be extended and/or amended for reasons not attributable to the purchaser, the charges thereof shall be borne by the supplier.

21.2.4 The payment shall be made in the currency/currencies authorised in the contract.

21.2.5 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date.

21.2.6 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.

21.2.7 While claiming reimbursement of duties, taxes etc. (like GST, sales tax, excise duty, custom duty) from the Purchaser, 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, the supplier shall refund to the Purchaser forthwith.

## **22. Delivery**

22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser 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 no 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 in writing about the same and its likely duration and make a request to the Purchaser for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, interalia contain the following conditions:

- (a) The Purchaser 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 GST 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 shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty and GST 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 for extension of delivery period and obtain the same before dispatch. 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 contract.

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

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

**23. Liquidated Damages**

- 23.1 Subject to GCC clause 26, if the supplier fails to deliver or install/commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser 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 without prejudice to any other contractual rights and remedies available to it the Purchaser, 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 pursuant to GCC sub-clauses 22.3 and 22.4.
- 24.2 The Performance Security in such cases will be forfeited.
- 24.3 Unless otherwise instructed by the Purchaser, 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.

**26. Force Majeure**

- 26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.
- 26.2 For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management and freight embargoes.
- 26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within twenty one days of

occurrence of such event. Unless otherwise directed by the Purchaser 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 is unable to fulfil its contractual commitment and responsibility, the Purchaser will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

## **27. Termination for Convenience**

- 27.1 The Purchaser reserves the right to terminate the contract, in whole or in part for its Purchaser'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. The notice shall also indicate inter alia, 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 following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser 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 GIB 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 Facsimile/email 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.
- 30.3 In the case of a dispute or difference arising between the Purchaser 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 to be appointed by the Director, AIIMS. The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakh (Rs. 1,00,000/-).
- 30.4 **Venue of Arbitration:** The venue of arbitration shall be the place from where the contract has been issued, i.e., New Delhi, India.
- 30.5 **Jurisdiction of the court** will be from the place where the Bidding 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**

- 32.1 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.
- 32.2 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. Fall Clause**

Fall clause is a price safety mechanism. The fall clause provides that if the contract holder reduces its price or sells or even offers to sell the contracted goods of identical specification and terms & conditions to that of the contract, at a price lower than the contract price, to any person or organization during the currency of the Contract, the Contract price will be automatically reduced with effect from that date for all the subsequent supplies under the Contract and the contract amended accordingly.



## **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.

**Any specific clause, mentioned in the technical specification shall prevail and will supersede the similar clause mentioned anywhere in the tender.**

**The warranty conditions will be as mentioned in the list of requirement as per section VI of the Bidding Document.**

**SECTION- VI****LIST OF REQUIREMENTS****Part I:**

<b>Sl. no.</b>	<b>Rfx/ Event number</b>	<b>Short Description of goods</b>	<b>Quantity</b>	<b>Warranty Period</b>	<b>CAMC period after warranty</b>
1	3000002484	Blood / Fluid warmer	24	05 years	05 years
2	3000002485	Cardiac Monitors ( Mid End )	50	05 years	05 years
		Central Nursing System (at least 12 bed)	5		
		Central Nursing System (at least 15 bed)	2		
		Central Nursing System (at least 20 bed)	2		
3	3000002486	Pulse Oximeter	50	05 years	05 years
4	3000002487	CARDIOPULMONARY EXERCISING TEST MACHINE	2	05 years	05 years
5	3000002488	Defibrillator	28	05 years	05 years
6	3000002489	Crash Cart	28	05 years	05 years
7	3000002490	Difficult Airway Cart	10	05 years	05 years
8	3000002491	DVT machine /Pump	50	05 years	05 years
9	3000002492	ECG Machine	15	05 years	05 years
10	3000002493	Syringe Infusion Pump	100	05 years	05 years
		Docking Station	25		
11	3000002494	Jet / High Frequency Ventilator	3	05 years	05 years
12	3000002495	Patient Warming System	25	05 years	05 years
13	3000002496	Portable Suction Machine	40	05 years	05 years
14	3000002497	Spirometer Digital	2	05 years	05 years
15	3000002498	Thromboelastogram	3	05 years	05 years
16	3000002499	Transport Cardiac Monitor	30	05 years	05 years
17	3000002500	Transport ventilator	30	05 years	05 years
18	3000002502	Vein Visualizer	15	05 years	05 years
19	3000002503	Ventilator machine	25	05 years	05 years
20	3000002504	CPAP-BIPAP machine	20	05 years	05 years
21	3000002505	Volumetric Pump	30	05 years	05 years
22	3000002507	Patient Transfer System	3	05 years	05 years

## **Part II: Required Delivery Schedule:**

### **For Indigenous or Imported goods:**

Supply, Installation and Commissioning to be completed within 120 days from the date of NOA or date of opening of LC or date of approval of layout drawing (if case applicable), whichever is later.

(In case of LC opening, necessary documents like valid Performance Security and Proforma Invoice are to be submitted within 30 days from the date of release of NOA. In case layout drawing approval is applicable, it should be submitted by the supplier within 21 days from the date of release of NOA.)

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 Work (if any) as per details in Technical Specification.**

### **Part V: Warranty period as per details mentioned in technical specification and as specified in Part I above. Warranty period will start from the date of installation, commissioning and acceptance.**

Comprehensive Annual Maintenance Contract (CAMC) as per details in Technical Specification as specified in part I above. Comprehensive Annual Maintenance Contract (CAMC) will start from the date of successful completion of warranty period.

### **Part VI: Required Terms of Delivery and Destination.**

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

Free Delivery at Consignee's Site(s)

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

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

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

#### **c) The Consignee details** are as under but the supplier is required to deliver the goods at the designated site in the floor and building of concerned Centers/Hospital/ Departments:

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Consignee	Site	Contact Address.	Air Port	Sea Port
NCI-AIIMS  (National Cancer Institute – All India Institute of Medical Sciences)	Jhajjar Campus	Badsha Village Jhajjar Haryana	New Delhi	ICD Tuglakabad (for containerised shipments)  Or  ICD Patparganj

Note: The consignee will ensure timely issue of NMIC, CDEC etc., wherever applicable to the supplier.

## **SECTION - VII**

### **TECHNICAL SPECIFICATION AND GENERAL POINTS**

#### **A. TECHNICAL SPECIFICATION:**

#### **Item No. 1 (Rfx/Event number 3000002484)**

#### **Blood & Fluid Warmer**

1. Should be able to warm fluid /blood at a temperature range of 37-40c.
2. Should be able to maintain or warm the water/blood when at a flow rate of 2L/hr.
3. Should have digital temperature display of fluid.
4. Disposable tubing set for Fluid-200 Nos and for blood – 100 nos.
5. Should have over temp alarm.
6. Should be useful for both in Adult & Paed. Patient.
7. Should be USFDA/European CE with 4 digit notified body certified.

**Item No. 2 (Rfx/Event number 3000002485)****Cardiac Monitors (Mid End) with CNS**

Monitor should have the following –

1. It should be Modular/new Modular Technology
2. Monitor with Integrated non-invasive measurements & features suitable for Neonate, Pediatrics & Adult patients.
3. Bright, highly visible minimum 15 “or more Colour TFT display with full touch screen facility.
4. Portable with weight less than 8 kgs including battery.
5. Facility of displaying minimum 6 or more waveform along with related numerical parameters on single screen.
6. Facility to monitor ECG, SpO<sub>2</sub>, NIBP, 2 IBP, Respiration, temperature (Single or combined module). and EtCO<sub>2</sub>.
7. Facility for enlarge numeric display to be visible from 10 feet distance. arrhythmia detection, ST- analysis .
8. Facility to monitor last min 24 Hours or more graphical and numerical trends having options to select the items to be displayed in NIBP trend table.
9. Internal rechargeable battery for 1 hours or more operation along with battery charge indicator
10. Event review facility including NIBP.
11. Review up to 24 hours files for the numeric data of alarm occurrences from the alarm history table.
12. Graded audio/visual alarm colour coding & should be visible from a distance.
13. ESU & Defibrillation protection.
14. Monitor should have the capability to connect with HIS and PACS compatible.
15. Valid European CE certificate with 4 digit notified body number or US FDA certified for the system.
16. All monitors in an area must be connected to the identified nursing station through IP technology via a Central Nursing System (CNS). A minimum 21” anti-reflective LED Monitor to be provided at the nursing station to view the CNS. Bidder will use the Hospital LAN network to connect CNS with the other monitor. All other necessary hardware and software to be provided by the bidder. It should be connected to HIS. The details of the CNS required with bed capacity is mentioned in List of requirement. If any single CNS not meeting the bed capacity, bidder should offer multiple CNS to meet the requirement. **(Price to be quoted separately as per the list)**
17. Monitors should be supplied with following:
18. 5 Leads ECG cable - 2. Nos
19. Reusable Spo<sub>2</sub> probe – 2 Nos for adult & 1 no for pediatric.
20. Reusable SpO<sub>2</sub> extn Cable – 2 nos.
21. Reusable NIBP cuff for Adult & Pediatrics - 2 nos each
22. NIBP Hose – 2 nos
23. Core & Peripheral Temperature probe – 1 no each.
24. ETCO<sub>2</sub> sample line – 10 nos (if applicable).

**Item No. 3 (Rfx/Event number 3000002486)****Pulse Oximeter**

Technical specification

- 1) Compact portable bedside pulse oximeter with LCD display.
- 2) Continuous monitoring of SpO<sub>2</sub> (arterial blood oxygen saturation) , pulse rate and signal strength (nellcor/masimo technology)
- 3) Measuring range :
  - a. Spo<sub>2</sub> : 10 to 100% minimal graduation 1%
  - b. Pulse rate : Pulse rate : 20 to 240 bpm, minimal graduation 1 bpm
- 4) Accuracy SpO<sub>2</sub> : 70 to 100 % (±3%)
- 5) Display shows: SpO<sub>2</sub>(%), PR, add Plethysmograph & perfusion bar and signal wave
- 6) The motion artefact should be minimal
- 7) Large bright TFT display (6 inch or more) readable from more than 6 feet distance
- 8) User preset of high/low alarms on SpO<sub>2</sub> and pulse rate monitoring
- 9) Audio visual alarm for SpO<sub>2</sub> and pulse rate in case measurements are outside preset range
- 10) Silencing feature for audio alarm
- 11) Display reports system errors, probe failure and built in battery status
- 12) Automatic switch from mains to batteries in case of power failure
- 13) Power requirements : 220 V/ 50Hz and internal re-chargeable battery (autonomy at least. 2 hrs, automatic recharge)-
- 14) Device is produced by ISO 9001/ISO 13485 certified manufacturer ( Certificate to be submitted)
- 16) Equipment should have US FDA or European CE certificate with four digit notified body number.
- 17) It must show spo<sub>2</sub> value for low perfusion patients.
- 18) Signal averaging time 4 to 12 sec.

Submitted with:

- 2 x reusable SpO<sub>2</sub> sensors neonate, clip-on type.
- Patient extension cable -2 Nos.
- 2 x reusable SpO<sub>2</sub> sensors(finger type) for children and adolescents
- 5 x spare set of fuses

## Item No. 4 (Rfx/Event number 3000002487)

### Cardiopulmonary Exercising Test Machine

#### **A PHYSIOLOGY TEST SYSTEM**

- 1 The unit should be a compact unit for spirometry and allied parameters, mounted on a suitable trolley.
- 2 The system should measure VO<sub>2</sub>, VCO<sub>2</sub>, RQ, VE, spirometry/ flow volume, AT etc.
- 3 The system should be interfaced to computer (latest configuration) with 17" Colour LCD/TFT monitor, printer
- 4 The system should have a fully automatic and computerized volume calibration system.
- 5 The system should measure Nutritional parameters.
- 6 The system should have a bidirectional volume sensor with the following specifications:-
  - (i) Volume: 0 to 10 lit.
  - (ii) Accuracy: 50 ml or 2%
  - (iii) Resolution: 3 ml
  - (iv) Flow: 0 to 15 l/s
- 7 System should have oxygen (paramagnetic or galvanic oxygen sensor) & CO<sub>2</sub> analyzer with response time less than 150mS. Oxygen sensor should be covered under warranty & should be replaced free of cost during warranty
- 8 The system should record data breath by breath and intra breath.
- 9 The system should have a unit to automatically detect ambient conditions such as pressure, temperature, and humidity.
- 10 It should have a 12 channel ECG unit integrated into the system.
- 11 It should be interfaced with a treadmill system (Specifications of treadmill enclosed).
- 12 A suitable interpretation program to evaluate the test results should be available.

#### **B SPECIFICATION OF TREADMILL**

- 1 The new generation of treadmills especially designed in accordance with high safety and quality requirements in Pneumology, Cardiology, Stress Testing, Endurance Training, Rehabilitation, sports Medicine as well as in Medical Fitness Training.
  - 2 For safety purposes the unit should be equipped with an emergency switch which stops the treadmill at any stage of operation, and which switches the WHOLE system powerless.
    - (i) Speed: adjustable from 0 - 22 km/h
    - (ii) Resolution: 0.5 %
    - (iii) Motor power: 2 kW
    - (iv) Motor: maintenance-free and efficient rotary current asynchronous motor with V-belt, low noise and smooth running
  - 3 The following data should be recorded on-line:
    - (i) Time [s]
    - (ii) Speed [km/h]



- (iii) Elevation [%]
- (iv) Distance [km]
- 4 Power input to be 220-240VAC, 50Hz
- 5 System Configuration Accessories, spares and consumables:
  - (i) 12 lead ECG CABLE-1no.
  - (ii) Gel-5 bottles

**C Standards, Safety and Training**

- 1 Should be US FDA/ European CE with 4 digit notified body approved product
- 2 Manufacturer/Supplier should have ISO certification for quality standards.

**D Documentation**

- 1 User/Service Manual in English
- 2 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

**Added Para**

Consumables required for routine and periodic calibration during warranty period should be included in the scope of supply, such as gas cylinders or any other consumable required for calibration

**Item No. 5 (Rfx/Event number 3000002488)****Defibrillator**

1. The defibrillator should be least, lightweight, small size with bright colored display
2. The defibrillator should be Biphasic waveform with 3 wave form display with screen size minimum 6 inches diagonal
3. It should display of both selected and delivered energy
4. It should have ability to energy selection from Paddles or Unit.
5. In manual mode the unit should provide energy selection at (1-200) joules in multiple steps.
6. It should have ability to measure chest compression rate and depth in real time with both visual & audible feedback and optional CPR index on screen.
7. The unit should have transcutaneous external pacing with 40 milli-second pulse width
8. The unit should do self test daily with facility to give print out of defibrillator testing report and also have code ready indicator on unit.
9. It should have ability to filter out CPR artefacts and allowing person to see organized rhythms without interrupting chest compression
10. The defibrillator should have integrated facility to monitor following parameters
  - a. ECG
  - b. SpO2
11. Should have capability of internal defibrillation if and when required.
12. The Equipment should have US FDA or European CE certificate with four digit notified body number.
13. In addition to standard accessories following items have to be supplied with unit
  - a) Battery -1 nos
  - b) Multi Function Defibrillator/Pacing padz – 50 nos.
  - c) SpO2 Probe – 2 nos.
  - d) ECG Cable with all electrodes – 1 set.Reusable CPR feedback sensor/ or similar product reused at least on 90 patients – 2 nos.

## **Item No. 6 (Rfx/Event number 3000002489)**

### **Crash Cart Trolley**

1. Advanced Emergency cart:-
2. Emergency cart constructed of Steel/aluminium and high density resin.
3. Defibrillator shelf with monitor straps, glove dispenser, sharp container, oxygen cylinder cradle pole, cardiac chest board, writing surface.
4. Clear plastic overlay for top cap
5. Push handle built in to the end panel for smooth and stable movement
6. Pullout writing surface top.
7. Cart should be light sturdy and scratch resistant
8. All drawers should be lockable individually
9. Should have minimum of five drawers with adjustable divides
10. Should have minimum of five drawers with adjustable divides
11. Should have side bin discarding syringes and gloves
12. Castor, should not be less than 5" diameter to facilitate quite and easy manoeuvrable, dust-prevention, flexible transportation.
13. Size should be :- Height: 00 to 110 cm
14. Base should not be less than 60 to 70 cm
15. width and depth should be good enough to accommodate the necessary items
- 16.** It should have European CE/ US FDA approved.

## **Item No. 7 (Rfx/Event number 3000002490)**

### **Difficult Airway Cart**

1. Difficult Airway mobile trolley/ stand should have the following features:
2. Equipments trolley should be wide, high, rides on 4 antistatic dual heels equipped with locking brakes with switch on cover central beam and can be integrated with electrical sub-distributors with minimum 6 sockets with a minimum dimension of 600\*1200\*730 mm (w\*h\*d)  $\pm$  5% with modular in nature.
3. Should have mounting stand/arm for at least two Monitors and the mounting stand.
4. Should have at least two mounting stand/arm for flexible intubation scope and at least one mounting stand/slot/option for retro molar/rigid intubation scope in vertically handing position.
5. The airway trolley should have spacious drawer for storage of airway gadget.
6. The trolley should have standard accessory as in mountable wire Basket, with minimum dimensions (w x h x d): 280 x 180 x 80 mm along with camera holder.
7. Trolley should have the property to reassemble and dismantle.
8. It should have US FDA/European CE standard.

## **Item No. 8 (Rfx/Event number 3000002491)**

### **DVT Pump**

1. Provides graduated, sequential compression and rapid impulse inflation to calf, foot & thigh.
2. Pulse frequency 1 per minute range.
3. Choice of three cuffs of universal size: Calf, thigh , foot
4. No DVT sleeves should be required below cuffs.
5. Should deliver constant pre-set pressure ranges – Distal 40-160 mmHg
6. Proximal 30-50 mmHg.
7. Alarm present
8. Visual display screen for pressures and time present
9. Portable, can be mounted on the bed.
10. Battery backup at least 4 hours.
11. US-FDA/ European CE with 4 digit notified body number approved product

## **Item No. 9 (Rfx/Event number 3000002492)**

### **ECG Machine**

1. Twelve channel LCD display of min 5.5” or above for all 12 leads along with on screen details.
2. Recording for 12 channels (3 leads and one user selectable any lead as Rhythm lead).
3. Can be able to print ECG at A4 size paper through inbuilt printer.
4. Recording speed selection of 5, 10/12.5, 25 & 50 mm/sec.
5. Sensitivity of 2.5, 5, 10, 20 mm /mV. It should also have AGC ( Automatic Gain Control)
6. Facility to enter patient information (Patient ID, Name, Age, Sex, Hospital’s name which get updated in system and is recorded on the recorder A4 paper
7. Patient memory function, up to 30 patients.
8. Waveforms can be recorded.
9. Interpretation software to be supplied as standard.
10. Mains and in built rechargeable battery.
11. Machine should be connected to computer through USB or equivalent port for data transfer. Necessary hardware and software to be provided if required.
12. Equipment should have US FDA or European CE certificate with four digit notified body number.

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**Item No. 10 (Rfx/Event number 3000002493)****Syringe Infusion Pump**

1. The syringe pump should be programmable, front loading, user friendly (not bulky type), safe to use and should have battery backup and comprehensive alarm system.
2. Must Work on commonly available standard 5 ml/10 ml/20 ml/50 ml/60 ml Syringes with accuracy of minimum of +/-2% or better, with automatic syringe size recognition.
3. Equipment should have US FDA or European CE with 4 digit notified body number approved certificate.
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.
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
9. Selectable Occlusion pressure trigger levels selectable from 300/500/900 mmHg. or atleast 3 selectable levels
10. Automatic detection of syringe size & proper fixing. Must provide alarm for wrong loading of syringe such as disengaged plunger, unsecured barrel etc.
11. Manual/Automatic Pusher.
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 and Drive disengaged alarm.
14. Rechargeable Battery having at least 4 hours backup for about 5ml/hr flow rate with 50 ml syringes.
15. Docking Station with communication facility to connect it to the charting system for at least four pumps as per requirement so as to enable to power up to 4 pumps with one power cord and fixing the pump in the station when mounted on IV pole.
16. It should be HL 7 compliant and the necessary protocol required for connecting it with the charting system should be provided.
17. The unit shall be capable of stored and operating continuously in ambient temperature of 10 – 50 deg C and relative humidity of 15-90%
18. Power input to be 220-240VAC, 50Hz

**Item No. 11 (Rfx/Event number 3000002494)****High Frequency Ventilator**

1. Continuous flow, Time cycled & pressure limited.
2. Volume guarantee with every mode.
3. Volume targeting ( Range 2 ml to 50 ml)
4. Modes : IMV, SIMV, nasal CPAP, CPAP, PSV, A/C - (It should have pressure control and volume targeted both)
5. It should have facility for High Frequency oscillation mode of ventilation(HFO)
6. Apnea back-up ventilation.
7. Capable of providing:
  - a. PIP : 0-60 cm water
  - b. PEEP : 0-25 cm water
  - c. Frequency : 5-150 breath /min
8. Digital display : Should have integrated high resolution Colour LCD/TFT screen minimum 10" or more color display with touch screen facility for real-time display of scalar (Pressure, Flow and Volume against time) and loop (Pressure-volume, volume-flow and pressure-flow). Graphic display of at least 3 waveforms together out of choice of flow, volume and pressure versus time with a facility to freeze these waveforms. Facility for loops together with a facility to freeze the same.
9. Digital display of FiO<sub>2</sub>, peak pressure, mean airway pressure, CPAP/PEEP, Expiratory tidal volume, expiratory minute volume, total frequency, spontaneous frequency, lung function monitoring including compliance, resistance, lung distention coefficient, (C<sub>20</sub>/C), Lung time constant, Rate volume ratio etc.
10. Should have built-in logbook for recording events like various alarms
11. Integrated monitoring: Integrated volume and pressure monitoring i.e. monitoring of PEEP P<sub>max</sub>, P<sub>mean</sub> and VT, VT<sub>spont</sub>, MV and MV<sub>leak</sub>. The volume monitoring should have NTPD to BTPS correction
12. Monitoring of I:E, frequency and Spontaneous Frequency
13. Audiovisual alarms with advisory on-screen message: MV high/Low, Apnea, tube obstruction, FiO<sub>2</sub> high/low, high PIP, low PEEP/CPAP, CO<sub>2</sub> alarm, fail to cycle, gas supply low, power failure, ventilator inoperative, alarm log book ,Tables and Trends of Two days should be available.
14. Monitoring of flow: At the Y piece with facility to activate or deactivate it
15. Ventilator should have following features in Pressure Support/ Volume Guarantee:
  - a. It should be possible to give leakage adapted inspiratory trigger during pressure support to spontaneously breathing patients with a set volume guarantee.
  - b. Volume guarantee should be regulated with lowest possible airway pressure within a set PIP.
  - c. It should be possible to adjust the Volume Guarantee manually as per patient requirement
16. Reusable patient tubings (after chemical and heat sterilization)
17. Proximal flow sensor with necessary hardware and software.
18. Ventilator should be US FDA or European CE with four digit notified body number approved product and should submit the respective certificate.
19. Ventilator should be supplied with Good quality medical air compressor (European CE/ USFDA marked).**(Price to be quoted separately)**
20. The Servo Controlled Heated wire Humidifier should be supplied along with Reusable patient circuit.
21. integrated Battery back-up (at least 30 minutes) should provide for ventilator
22. Should be supplied with ultrasonic nebulizer which should have capability to deliver particle size of < 3 micron and to be used in both off and on line with ventilator.
23. Settings range:



- a. Trigger Flow/ volume, leak adapted
- b. PIP 10 to 80 cm H<sub>2</sub>O
- c. PEEP/ CPAP 0 to 25mbar
- d. I:E ratio 1:0 to 1:10
- e. Insp. Time 0.1 to 2 Sec
- f. Exp. Time 0.2 to 30 sec
- g. Frequency Up to 200 BPM
- h. Base Flow (VIVE) 1 to 30 LPM
- i. Synchronization Patient synchronization with adjustable flow trigger
- j. High frequency amplitude 1-100% Or upto 100 cms H<sub>2</sub>O
- k. Integrated blender for Oxygen 21% to 100%
- l. Integrated nebulization facility
- m. Integrated monitoring of FiO<sub>2</sub>.

#### 24. SUPPLIES (WITH EACH UNIT):

- a. Ventilator as specified
- b. Ultrasonic Nebulizer
- c. Humidifier: Auto-clavable humidifier chamber (2 Chambers with each ventilator)
- d. Circuit support arm
- e. 2 conventional reusable ventilation circuit.
- f. 10 disposable conventional ventilation circuit
- g. 1 circuit for reusable HF ventilation
- h. Bacterial filters
- i. Flow sensors (5 nos with each ventilator)
- j. Oxygen connecting hose
- k. Air connecting hose
- l. Test lung
- m. Heater wire (3 each)
- n. Temperature probe (3 each)
- o. Expiratory valve (2 with each)
- p. Nasal interface (3 in number) with nasal mask (4 each of all sizes) and nasal prongs (4 each of all sizes) and bonnet (2 each of only preterm size) with each ventilator

**Item No. 12 (Rfx/Event number 3000002495)****PATIENT WARMING SYSTEM**

1. Should be suitable for intra-operative applications for adult & pediatric patients
2. Should consist of active warming arm-cum-shoulder section, pair of leg segments and abdominal segment of cover the entire body.
3. Should be based on semiconductor /carbon fibre polymer foil for precise warming of entire patient body during & after surgery.
4. Size: All sizes for Adult & Paediatric patients
5. Control unit should be capable of warming minimum two segments at a time.
6. Control unit should have display for easy operation.
7. Control unit should have touch screen /key pad display to select & display temperature of all segments at a time.
8. Control unit should automatically detect the number of segments which are connected to the unit and display the same on the screen.
9. Should offer precise digital temperature control with selectable temperature range of 37 to 40°C in steps of 0.1°C
10. Should have facility to measure & display the real time core body temperature of the patient continuously on the screen.
11. Should also have on screen graphical/digital display of patient body temperature for the entire duration of surgery.
12. Should have a provision to connect whole body blanket, paediatric size blanket, jelly based warming mattress / pad to the same control unit for future requirement.
13. Should have safety features such as Automatic check, Precise temperature control between warming system and patient, Autostop on detecting any problem
14. Should have non latex anti-bacterially coated, blood and fluid Resistant, washable and replaceable covers
15. The control unit should be light weight and small in size, easily attachable to IV rod/OT table with fixing claw.
16. It should be USFDA / European CE Certified with 4 digit notified body number.
17. Machine should be supplied with:
  - a. Adult Full Body Blanket – 10 nos.
  - b. Pediatric Full Body Blanket – 5 nos.
  - c. Adult upper & lower body blanket – 10 nos. each

## **Item No. 13 (Rfx/Event number 3000002496)**

### **Suction Machine (Portable)**

1. High vacuum portable suction unit, run on electricity with two section jars of 4-5 litres capacity each.
2. Auto cut of device of preventing entry of fluid in pump.
3. Fast and efficient jar change facility.
4. Easy access and controls
5. It should be heavy duty and noiseless, with piston/cylinder technology.
6. Should be able to create desired maximum vacuum in least possible time, vacuum should be up to -90 K pascal with minimum capacity of 60L/min
7. Light and manoeuvrable fitted on a mobile trolley.
8. One plastic suction jar cover, steam sterilisable to be provided extra.
9. Two extra suction jar (Plastic) of capacity 4-5 ltrs. Should be quoted along with accessories like lid, tubing etc. with the equipment to make the unit functional.
10. The firm should clearly indicate in the technical bid itself that the prices of all standard accessories are included in the quoted price.
11. The firm will give rate list of all possible spares, accessories & consumables if any, as part of financial bid. If price of any spare is not mentioned & is required for repair in life time of equipment/instrument, then the firm will be obliged to give it free throughout life cycle of the equipment.
12. It should be European CE with 4 digit notified body number or US FDA approved

## **Item No. 14 (Rfx/Event number 3000002497)**

### **SPIROMETER**

The following tests should be performed by the PFT/Spirometer Equipment:

- 1a** It should measure  
FEV , FVC, PEF, SVC,FEV %, MMEF, PIF, MVV,FRC,1 1  
RV, TLC, FET, ERV, IRV, PiMAX/PeMAX
- 1b** DLCO, BRONCHIAL PROVOCATION TEST
- 2** Predicted value- depends upon national preference
- 3** Configurable print out format
- 4** Real time flow volume and volume time traces
- 5** Overlaying of previous test curves for comparison
- 6** Open & Closed flow/volume loop test technique possible
- 7** Should be CE/FDA certified

## **Item No. 15 (Rfx/Event number 3000002498)**

### **Thromboelastometer**

1. The equipment should be a modular system with the facility to upgrade from one to 4 analyzing channels within the main machine and should be able to run all the analyzing channels simultaneously
2. Equipment must have complete protection mechanism for Torsion sensor by integrating automatic electromagnetic breaks and support system.
3. Machine should be functional without any usage of reagents or activators.
4. Machine must be able to perform Automatic Calibrations as part of quality control before every analysis without any requirements of reagents.
5. The complete procedure starting from loading of sample, heating of blood sample to mechanical synchronization with electronic components should be in one step and fully automatic without any step being done manually or considered.
6. Such equipments which have the technology for consumables to be reused multiple times without incurring any additional cost will be considered.
7. Equipments which analyze the results through acclaimed and commonly determined parameters of R.K.A . MA and LY will be considered.
8. (a) Parameters like A-10 (Amplitude at 10 minutes), A-20 (Amplitude at 20 minutes) for early detection of hyper coagulant samples and hypo coagulant samples.  
(b) Software should allow for different reference value of all parameters with and without activators/reagents.
9. The list and cost of consumable/accessories to be quoted separately in price bid.

## **Item No. 16 (Rfx/Event number 3000002499)**

### **Transport Cardiac Monitor**

The monitor should have:

1. High – resolution colour TFT display of minimum 8" or more
2. It should be rugged and sturdy for transport use.
3. Should be able to monitor ECG, NIBP, 2 IBP, SpO2. Temperature and Respiration
4. Plethysmograph with perfusion indicator
5. Monitor should be at least three channel
6. 24 Hrs. graphical / tabular trends
7. NIBP trends memory should be at least 50 readings (tabular)
8. Suitable for Adult / paediatric/neonate.
9. Selectable Arrhythmia detection
10. Should have inbuilt two channel recorder
11. Must have Graded and Colour coded alarms
12. User selectable screen formats and user – friendly menu driven functions.
13. Battery backup for at least 3 Hrs.
14. Should be supplied with:
  - 3 lead ECG cable – 1 no, Reusable SpO2(adult, paediatric ,neonate) sensor – 1no each, NIBP cuffs (Adult ,child and neotate ) – 2 nos each, IBP cable – 1 no
15. Equipment should have US FDA or European CE certificate with four digit notified body number.
16. Product should preferably have Airworthiness RTCA DO-160 D and Vibration standard MIL STD 810F, method 514.5 certifications. (Certificate to be submitted)

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**Item No. 17 (Rfx/Event number 3000002500)****TRANSPORT VENTILATOR**

- Should be time-cycled volume constant ventilator operating on mains, battery or ambulance/car battery. Battery backup should be for minimum of 4 hours
- Ventilator should be of low weight (not more than 8 kg)
- Should have integrated LCD display for display of set and expired data as below :
  - Tidal volume : 50ml - 2 litres
  - Rate : 2 - 50 breaths/min.
  - PEEP (integrated in main unit) : 0 to 20 mbar/cmH2O
  - Inspiratory Pressure – 20 – 60 cmH2O
  - Flow trigger : 3 – 15 lpm
  - Pressure Support : 0 – 35 cmH2O
  - FiO2 : 40% or 100%
- Should have following ventilation modes :
  - IPPV(CMV)
  - Assist Control
  - SIMV
  - CPAP
- Should have both audio & visual alarms for:
  - High & Low Pressure
  - High pressure
  - Apnea
  - Setting errors
  - Low battery
  - Low pressure supply
- Standard Scope of supply to include the following :
  - Main unit with inbuilt battery
  - Breathing hose set with expiratory valve and flow sensor
  - Bracket for fixing on trolley / bed rail
  - AC-DC adaptor
  - Oxygen high pressure hose
  - Test Lung
  - Instruction Manual
- Quality Standards and Support requirements
  - The offered unit should have European CE with 4 digit notified body number or US FDA certificate

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**Item No. 18 (Rfx/Event number 300002502)****Vein Visualizer**

1. Should be based on harmless near infra red (NIR) technology.
2. Should be portable, also foldable model with easy handling stand.
3. The vein imaging device should have the ability to visualize vessels up to 10mm deep, the ideal clinical depth range for PIV options,with provided clinical evidence to substantiate.
4. Vein imaging device should provide different imaging modes: Universal, fine detail mode, inverse mode and resize mode. Special max bright mode for using the equipment in non standard lighting conditions or without dimming the room light.
5. Vein imaging device should offer an image appropriate across all skin tones and a method of detecting when image is at the proper focal distance.
6. Should have minimum brightness of 6 lumens.
7. Should have an in built camera to capture the real time image of the vasculature under focus area.
8. Vein imaging device should offer an image that provides for the same accuracy and reliability of image regardless of the rotation of the device/ technique for use on the patient.
9. Should provide evidence of real- time imaging and demonstrate ability to visualize blood refill and detect valves.
10. Vein imaging device should provide evidence of real time imaging and demonstrate ability to visualize fluid flushing process for vessel patency to prevent against infiltration and hematoma.
11. Direct projection on surface of skin should not require secondary monitor to interface with technique.
12. Should be a non laser based system.
15. Battery operated: battery life should be 2 hours in active machine. An extra battery should be provided.
16. Should provide a hands free technique with less than 60 seconds setup time from power up to useable image.
17. Device should not come in contact with skin.
18. Device should not need consumables.
19. Should be able to perform 100-150 viewing procedures in fully charged battery.
20. Shuld have suitable adaptor for charging in indian sockets.
21. Should be supplied with: 2 S mounts, battery charging station, AC power adaptor, USB cable, and a storage case.
22. Equipment should have US FDA or European CE certificate with four digit notified body number.



## Item No. 19 (Rfx/Event number 3000002503)

### Ventilator Machine

1. Advanced technology ventilator for use in ICU, suitable for ventilating all categories of patients from paediatric to adults.
2. Microprocessor controlled system with individual selection of various ventilation parameters & PEEP.
3. The system should have the facility for Pressure triggering and/or Flow triggering
4. Should have the following modes of ventilation
  - Volume control
  - Pressure control
  - Pressure Regulated Volume Control with on-demand flow (PRVC)
  - Pressure support with back-up ventilation
  - CPAP
  - SIMV(Volume Control) + Pressure support
  - SIMV (Pressure Control) + Pressure Support
  - SIMV (PRVC) + Pressure support
  - Non Invasive Ventilation
  - BIVENT / BIPAP
  - Volume Support
5. The system should have the following parameters:
  - Tidal Volume: 20 ml – 2000 ml
  - CMV Frequency: 4-100 breaths/min
  - SIMV frequency: 1 – 40 breaths / min
  - Inspiratory time: 10% - 80% of breath cycle time
  - Pause time: 0 - 30% of breath cycle time
  - Pressure level: 0 – 80 cm H<sub>2</sub>O.
  - PEEP: 0 – 45 cm H<sub>2</sub>O
  - Trigger flow:
    - Adult: 0.5 -15 lpm or Trigger Pressure: 20 – 0 cm H<sub>2</sub>O below PEEP
  - Inspiratory rise time: 0 - 20% of breath cycle time
  - I : E ratio: 1 : 10 – 4 : 1
  - Should have following audio – visual alarms:
    - Airway pressure
    - High continuous pressure
    - FiO<sub>2</sub>
    - Expired minute volume
    - Apnea
    - End expiratory pressure
    - Respiratory rate
    - Gas failure
6. Battery: Should have built-in battery back-up for 45 minutes for the ventilator.
7. 12” Colour Touch Screen TFT user interface screen. It should be possible to display at least three types of waveforms & two loops for each breath  
Access through touch screen & Direct access to vital settings:  
PEEP, O<sub>2</sub> concentration, Respiratory rate & Volume (or Pressure).
8. 24 hour trend display of up to 24 parameters.

9. Scroll / Zoom functions
10. Screen should display following waveforms:
  - Flow time
  - Pressure time
  - Volume time
  - Following loops:
    - Volume – pressure
    - Pressure – volume
11. Oxygen sensor should be paramagnetic/ultrasonic/Galvanic and covered under warranty& CMC and will be supplied free of cost during warranty and CMC period.
12. One set each auto cleavable silicon patient tubes for adult & paediatric should be supplied with the system and it should be compatible with humidifier.
13. Should also be supplied with 10 disposable Adult , 5 disposable Paediatric circuits and 15 HME Filters.
14. It should be supplied with 2 mask each of 3 Sizes (Large, Medium, Small).
15. It should have Two nos Auto-clavable& Reusable Expiration Cassette /valves for complete dis-infection capability.
16. A minimum of 5 nos. flow sensors should be supplied with the ventilator.
17. It should have facility for ventilation data transfer & network connection.
18. It should be user-friendly & have sturdy design.
19. In-line Ultrasonic Nebuliser with capability of producing < 3 micron drug particle. **(Price to be quoted separately).**
20. Should be supplied with imported humidifier. **(Price to be quoted separately).**
21. Should be US FDA / European CE marked with 4 digit notified body number.
22. Ventilator, hinged arm and trolley should be from same manufacturer.
23. Should have stand alone medical grade air compressor of same make **(Price to be quoted as separately).**
24. System should be able to connect for Anaesthesia Charting facility. Necessary protocol/ codes required for this to be provided by the Ventilator vendor to the Charting vendor if required

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**Item No. 20 (Rfx/Event number 3000002504)****CPAP-BIPAP Machine**

- 1** The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%
- a** IPAP: 4 to 25 cm
- b** EPAP: 4 to 25 cm
- c** Breath rate: upto 30 BPM with spontaneous for time mode
- d** Timed inspiration: 0.5 to 3.0 sec
- e** **Rise time: 150 to 400 m Sec**
- 2** Mode:- CPAP with PS, Biphasic pressure control, apnea backup
- 3** System with leakage compensation.
- 4** System should be supplied with all reusable accessories
- 5** Power input to be 220-240 VAC, 50 Hz fitted with Indian plug
- 6** Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
- 7** Comprehensive training for lab staff and support services till familiarity with the system
- 8** User/Technical/Maintenance manuals to be supplied in English.
- 9** List of important spare parts and accessories with their part number and costing.
- 10** Reusable Masks with all sizes (Oral & Nasal) small, medium, large – 2 sets each
- 11** Battery backup of 1 hour or more

**Item No. 21 (Rfx/Event number 300002505)****Volumetric Pump****Description of Function**

- 1.1 Volumetric Infusion Pump is a medical device that delivers intravenous fluids and medicine to patients in hospitals, outpatient surgical centres, hospices, nursing homes, and in ambulances

**2 Operational Requirements**

- 2.1 Programmable volumetric infusion pump is required
- 2.2 It should be able to connect the machine with the charting system. Necessary codes/protocol needed for this to

**3 Technical Specifications**

- 3.1 Battery back-up operating time 4 hours.
- 3.2 LCD programming display
- 3.3 Data entry calculator style alpha numeric programming keyboard
- 3.4 Pole clamp Multi-function mounting clamp
- 3.5 Nurse call output alarm, time and date settings
- 3.6 Quick titration of rate or dose with volume-time programming
- 3.7 Flow rate range (primary) 0.1 to 99.9 ml/hr. (0.1 ml increments) and 1 to 800 ml/hr. (1ml increments.)
- 3.8 Volume to be infused 0.1 to 99.9 ml (0.1ml increments) and 1 to 9999 ml(1 ml increments).
- 3.9 Both flow rates and volume to be infused should be configured to limit the maximum allowable range
- 3.10 Accuracy  $\pm 5\%$ .
- 3.11 Pump Database: events of 24 hours with real time.
- 3.12 It should be HL 7 compliant and it should be able to connect with the charting system. Necessary protocol/codes required for this should be provided.

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

- 4.1 "Compatible with any standard (PVC) infusion sets available in local Indian market."
- 4.2 20 numbers of required infusion sets should be supplied with the single unit

**5 Environmental factors**

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

**6 Power Supply**

- 6.1 Power input to be 220-240VAC, 50Hz fitted with Indian plug

**7 Standards, Safety and Training**

- 7.1 Equipment should have US FDA or European CE certificate with four digit notified body number.
- 7.2 Manufacturer/Supplier should have ISO certification for quality standards.

**8 Documentation**

- 8.1 User/Technical/Maintenance manuals to be supplied in English.
- 8.2 Certificate of calibration and inspection from factory.

**Item No. 22 (Rfx/Event number 3000002507)****PATIENT TRANSFER SYSTEM**

- i. The electronically operated mobile floor mounted automated patient transfer system should have following features so that it is easy to shift patient from bed to operation theatre or vice versa and should be suitable to any patient admitted to any specialty including oncology patients operated or bed ridden due to disease condition.
- ii. Height: Min 27" (67cm), max 42" (104cm) or better
- iii. Length: 82" or better
- iv. Maximum weight carrying capacity of patient: 190kg or higher
- v. Width: 92 cm or less.
- vi. Weight of equipment: 210 kg or lesser
- vii. Length of transfer surface: 73" (185cm) or better.
- viii. The system shall be battery operated with at least 2 hours back up for continuous and should have rechargeable battery
- ix. There should be revolving transfer belts which enable single operator to transfer the patient with no manual handling which the hazard to operators and other staff is reduced besides painless patient handling during patient transfer which is a routine in any hospital when patient admitted with severity of disease.
- x. The system should have wheel breaks on atleast 2 wheels and there should be directional lever, to enable movement of the system form one area in hospital to another area as required and there should be side retraction rails which is for patient safety.
- xi. It should have sling made of polyester.
- xii. It should have manual override facility.
  - o The system should have European CE or US FDA.

**B. GENERAL POINTS:****1. Warranty:**

- a) The bidders must quote for Five years Comprehensive Warranty as per Conditions of Contract of the bidding document for complete equipment (Including all spares, labour and third party items) and Turnkey Work (if required) from the date of satisfactory installation, commissioning, trial run, handing over and acceptance of the goods by the User Department.
- b) The warranty charges shall not be quoted separately.
- c) All software updates should be provided free of cost during Comprehensive Warranty period.
- d) During the Warranty period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

**2. After Sales Service:**

After sales service centre should be available at the city of Institution 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 Bidder/Indian Agent. Undertaking by the Principals in the "Manufacturer Authorisation Form" that the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

**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 User Department.

**4. Comprehensive Annual Maintenance Contract (CAMC) of subject equipment:**

- a) The cost of Comprehensive Annual Maintenance Contract (CAMC) which shall include preventive maintenance including testing & calibration as per technical/service/ operational manual of the manufacturer, labour and all spares, after satisfactory completion of Warranty period may be quoted for next five years on yearly basis for complete equipment including third party items as per Price Schedule.
- b) The cost of CAMC may be quoted along with GST applicable on the date of Bid Opening.
- c) Cost of CAMC will be added for Ranking/Evaluation purpose on NPB basis.
- d) Before commencement of CAMC period, the suppliers shall furnish a Performance Bank Guarantee for 2.5% of the cost of the equipment (as per Performa given in bidding document) valid till 3 months extra after expiry of entire CAMC period. The Performance Bank Guarantee for CAMC will be applicable in case of equipment cost is more than Rs.10 lakh.
- e) All software updates should be provided free of cost during CAMC. In case of failure by the supplier, the Bank Guarantee of CAMC will be forfeited.

- f) The payment of CAMC will be made on half yearly basis after satisfactory completion of said period duly certified by end User.
- g) During the CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

**5. Uptime & Downtime Penalty Clause:**

- a) The firm should provide uptime guarantee of 95% during warranty period and CAMC period.
- b) During the Warranty period and CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period. Complaints should be attended properly, maximum within 8 hrs.

**6. Turnkey Work:**

Turnkey Work is to be indicated in the Technical Specification wherever required. The Bidder shall examine the existing site where the equipment is to be installed, in consultation with User Department. The Bidders are required to quote separately for the equipment and Turnkey Work as per Price Schedule. The Turnkey Work costs may be quoted in Indian Rupee and the same will be added for Ranking Purpose.

The Turnkey Work should completely comply with AERB requirement, wherever required.

## **SECTION - VIII**

### **QUALIFICATION CRITERIA**

1. The bidders must be a manufacturer. In case the manufacturer does not quote directly, they may authorise their authorized agent as per proforma of “Manufacturer Authorization Form” as given in the bidding document to quote and enter into a contractual obligation.
2. The bidder should have supplied and installed the following quantity in last Five years from the date of Bid Opening, similar equipment meeting major parameters of technical specification which is functioning satisfactorily:
  - a. One single order covering at least 80% of the tendered quantity.  
*or*
  - b. Two single orders covering at least 50% in each order of the tendered quantity.  
*or*
  - c. Three single orders covering at least 40% in each order of the tendered quantity.
3. In support of 2, the Bidder shall furnish Performance statement in the enclosed Proforma ‘A’.

The Bidder shall furnish Satisfactory Performance Certificate in respect of above, duly translated in English and duly signed alongwith the bid.

4. The Purchaser reserves the right to ask for a free demonstration of the quoted equipment after giving reasonable time to the bidder at a pre-determined place acceptable to the purchaser or at site (in case of non-portable and heavy equipment) for technical acceptability as per the bidding document specifications, before the opening of the Price Bid.



**PROFORMA 'A'****PROFORMA FOR PERFORMANCE STATEMENT**  
(For the period of last five years)

NIB No./RFx No. : \_\_\_\_\_

Date of Bid Opening : \_\_\_\_\_

Name and address of the Bidder : \_\_\_\_\_

Name and address of the Manufacturer : \_\_\_\_\_

Order placed by (full address)	Order no. and date ##	Description (Model no.) and quantity of ordered goods.	Value of order (Rs.)	Date of Completion of contract		Remarks indicating reasons for delay, if any	Have the goods been functioning satisfactorily (attach documentary proof)**
				As per Contract	Actual		
1	2	3	4	5	6	7	8

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 Bid Security.

Name \_\_\_\_\_

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

Signature of Bidder \_\_\_\_\_

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

Seal of the Bidder \_\_\_\_\_

\*\* The documentary proof will be a certificate from the consignee/end user with cross-reference of order no. and date in the certificate duly self-attested by the bidder.

## The bidders are requested to submit the latest purchase order copies supplied to AIIMS, PGIMER, JIPMER, RML Hospital, Safdarjung Hospital, Institute of National importance for the specific model quoted along with the price-bid.

**SECTION – IX**

**BID FORM**

To  
CEO  
HLL Infra Tech Services Limited  
B-14A, Sector-62  
Noida – 201 307

Ref. Your TE No. \_\_\_\_\_ due for opening on \_\_\_\_\_

We, the undersigned have examined the above mentioned bidding document, including amendment/corrigendum (*if any*), the receipt of which is hereby confirmed. We now offer to supply and deliver \_\_\_\_\_ in conformity with your above referred document for the sum as shown in the Price Schedules attached herewith and made part of this bid. If our bid is accepted, we undertake to supply the goods and perform the services as mentioned in the bidding documents, in accordance with the delivery schedule specified in the List of Requirements.

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

We agree to keep our bid valid for acceptance as required in the “General Instruction to Bidders”, read with modification, if any in “Special Instructions to Bidders”, Section – III or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this bid up to the aforesaid period and this bid may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this bid 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 bid you may receive against your above-referred advertised tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Central Govt. Ministries/Departments/Hospitals/Institutes.

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

“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 bid security.”

Name\_\_\_\_\_

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

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

Signature of Bidder\_\_\_\_\_

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

Seal of the

**SECTION - X**  
**PRICE SCHEDULE**

**(The below formats are for example. However, actual price format is given in the e tender portal for bidding)**

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

1	2	3	4	5				6
Item Sr. No./ RFx no.	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)				Total Price (at Consignee Site) basis (Rs.)  4 x 5(e)
				Ex - factory/ Ex -warehouse /Ex-showroom /Off - the shelf including packing charges  (a)	GST (if any) Value (%age)  (b)	Inland Transportation, Insurance for a period including 3 months beyond date of delivery, loading/ unloading and Incidental costs till consignee's site (c)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (d)	

Total Bid price in Rupees: \_\_\_\_\_ (in figures)

\_\_\_\_\_ (in words)

Note: -

1. If there is a discrepancy in prices the same will be evaluated as per clause 29 of GIB.
2. The charges for Annual CAMC after warranty shall be quoted separately as per Section-X – Price Schedule C

Name \_\_\_\_\_

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

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

Signature of Bidder \_\_\_\_\_

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

Seal of the Bidder \_\_\_\_\_

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

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

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

Total Bid price in \_\_\_\_\_ (currency to be mentioned) \_\_\_\_\_ (in figures)  
\_\_\_\_\_ (in words)

**Note: -**

1. If there is a discrepancy in prices the same will be evaluated as per clause 29 of GIB.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – X – Price Schedule C
3. The Bidder will be fully responsible for the safe arrival of the goods at the named port of entry in good condition as per terms of CIP as per INCOTERMS, if applicable
4. Actual Custom duty applicable on the date of bid opening and 2% C& F charges will be added to the CIP price to arrive at free delivery at consignee site for evaluation purpose.

Indian Agent (Name and Address) : \_\_\_\_\_

**Indian Agency Commission - \_\_\_% of FOB**

Name \_\_\_\_\_

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

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

Signature of Bidder \_\_\_\_\_

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

Seal of the Bidder \_\_\_\_\_

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

1	2	3	4					5	6	7
Item Sr. No./ RFx no.	BRIEF DESCRIPTION OF GOODS	QTY (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Annual Comprehensive Maintenance Contract Cost for Each Unit for 5 years (4a+4b+4c+4d+4e)	GST (if any) Value (%age]	Total Annual Comprehensive Maintenance Contract Cost (inclusive of GST) for 05 years  3 x (5+6)
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>			
			a	b	c	d	e			

\* After completion of Warranty period

Total CAMC price in Rupees: \_\_\_\_\_ (in figures)

\_\_\_\_\_ (in words)

**NOTE:-**

1. If there is a discrepancy in prices the same will be evaluated as per clause 29 of GIB.
2. The cost of Comprehensive Annual Maintenance Contract (CAMC) 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 or the period as mentioned in the bidding document on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CAMC may be quoted along with GST applicable on the date of Bid Opening.
4. Cost of CAMC will be added for Ranking/Evaluation purpose based on NPB as stipulated in the bidding document.
5. The payment of CAMC will be made as stipulated in GCC.
6. The uptime warranty will be 95 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the Bidding document. The stipulations in Technical Specification will supersede above provisions.
7. All software updates should be provided free of cost during CAMC period.
8. The supplier shall keep sufficient stock of spares required during Comprehensive Annual Maintenance Contract (CAMC) period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Name \_\_\_\_\_

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

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

Signature of Bidder \_\_\_\_\_

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

Seal of the Bidder \_\_\_\_\_

**D) PRICE SCHEDULE FOR TURNKEY WORK**

Schedule No.	TURNKEY WORK	Turnkey Work price (in Rs.)	GST (if any) Value [%age]	Turnkey Work price (in Rs.) (including GST)

Total turnkey work price in Rupees: \_\_\_\_\_ (in figures)

\_\_\_\_\_ (in words)

**Note: -**

1. The cost of Turnkey Work (Civil/Electrical/Mechanical Engineering work) as per Technical Specification (Section VII) may be quoted on lump sum along with GST applicable on the date of Bid Opening.
2. Cost of Turnkey Work will be added for Ranking/Evaluation purpose.
3. The payment of Turnkey Work will be made as per GCC.

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

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

Name \_\_\_\_\_

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

Signature of Bidder \_\_\_\_\_

Seal of the Bidder \_\_\_\_\_

**SECTION - XI****CHECK LIST**

The bidders should furnish specific answers to all the questions/issues mentioned in the Checklist detailed below:

Name of Bidder: \_\_\_\_\_

Name of Manufacturer: \_\_\_\_\_

<b>Sl. No.</b>	<b>Activity</b>	<b>Yes/ No/ NA</b>	<b>Page No. of the Bids submitted</b>	<b>Remarks</b>
1. a.	Have you enclosed Bid Security of required amount for the quoted schedules?			
b.	In case Bid Security is furnished in the form of Bank Guarantee, has it been furnished as per standard format of the bidding document?			
c.	In case Bank Guarantee is furnished, have you kept its validity 45 days beyond the validity of Techno Commercial Bid?			
2.a.	Are you exempted for furnishing bid security being MSE as defined in MSE procurement policy issued by department of MSME.			
b.	If yes, have you enclosed certificate of registration issued by department of MSME.			
c.	Does such certificate clearly mention the quoted item?			
3. a.	Have you enclosed duly filled bid form as per bidding document?			
b.	Have you enclosed Power of Attorney in favour of the signatory?			
4. a.	Have you enclosed clause-by-clause technical compliance statement (in excel format as provided on e-portal) for the quoted goods vis-à-vis the Technical specifications?			
b.	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
5. a.	Have you submitted satisfactory performance certificate as per the Proforma for performance statement given in the bidding document?			
b.	Have you submitted the documentary proof that goods have been functioning Satisfactorily?			

Sl. No.	Activity	Yes/ No/ NA	Page No. of the Bids submitted	Remarks
c.	Have you submitted latest purchase order copies?			
6.	Have you submitted Manufacturer's Authorization Certificate as per bidding document?			
7.a.	Have you quoted prices of goods, turnkey (if any), CAMC etc. in the Price Schedule as per bidding document?			
b.	If the ATE calls for buy back, have you quoted buy back prices along with applicable GST?			
8.	Have you kept validity of 270 days from the Techno Commercial Bid Opening date as per the bidding document?			
9. a.	In case of Indian Bidder, have you furnished GST No.?			
b.	In case of Foreign Bidder, have you furnished GST No. of your Indian Agent?			
10.	Have you intimated the name and full address of your Banker (s) along with your Account Number, IFSC Code etc.?			
11.	Have you furnished documents establishing your eligibility & qualification criteria as per bidding documents?			

## N.B.

- All pages of the Bid should be page numbered and indexed.
- The Bidder may go through the checklist and ensure that all the documents/ confirmations listed above are enclosed in the bid and no column is left blank. If any column is not applicable, it may be filled up as NA.
- It is the responsibility of bidder to go through the bidding document to ensure furnishing all required documents in addition to above, if any.
- Wherever necessary and applicable, the bidders shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.
- In case a bidders furnishes a wrong or evasive answer against any of the question/issues mentioned in the Checklist, its bids will be liable to be ignored.

Name\_\_\_\_\_

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

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

Signature of Bidder\_\_\_\_\_

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

Seal of the Bidder\_\_\_\_\_



**SECTION - XII**

**BANK GUARANTEE FORM FOR BID SECURITY**

Whereas \_\_\_\_\_ (Name and address of the Bidder)  
(Hereinafter called the "Bidders")  
Has submitted its Bid dated \_\_\_\_\_ for the supply of \_\_\_\_\_  
(Hereinafter called the "Bid")  
Against the purchaser's ATE No. \_\_\_\_\_

Know all persons by these presents that we \_\_\_\_\_ having  
our registered office at \_\_\_\_\_  
(Hereinafter called the "Bank")  
Are bound unto HLL Infra Tech Services Ltd., Noida (for and on behalf of AIIMS)  
(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 Bidder withdraws or amends, impairs or derogates from the bid in any respect within the period of validity of this Bid.
- 2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of its validity:-
  - a. if the bidder fails or refuses to furnish the performance security for the due performance of the contract or
  - b. if the bidder fails or refuses to accept/execute the contract or
  - c. if it comes to notice at any time, that the information/documents furnished in its Bid are false or incorrect or 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 more the three conditions, specifying the occurred condition(s).

This guarantee will remain in force upto \_\_\_\_\_ (insert date of additional forty-five days after Bid validity) and any demand in respect thereof should reach the Bank not later than the above date.

.....  
 (Signature with date of the authorized officer of the Bank)  
 .....  
 (Name and designation of the Officer )  
 .....  
 .....  
 (Seal, name & address of the Bank and address of the Branch)

**SECTION – XIII**

**MANUFACTURER’S AUTHORISATION FORM**

The CEO  
HLL Infra Tech Services Limited  
B-14A Sector-62  
Noida, Uttar Pradesh-201307

Dear Sir,

Ref: Your TE document No \_\_\_\_\_ dated \_\_\_\_\_

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

We also state that we are not participating directly in this bid for the following reason(s):  
\_\_\_\_\_ (*please provide reason here*).

We further confirm that no supplier or firm or individual other than Messrs. \_\_\_\_\_ (*name and address of the above agent*) is authorised to submit a bid, 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, CAMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

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

Yours faithfully,

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

Note:

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

**SECTION – XIV**

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/CAMC SECURITY**

WHEREAS \_\_\_\_\_ (Name and address of the supplier) (Hereinafter called “the supplier”)

has undertaken, in pursuance of Purchase Order/ Contract no \_\_\_\_\_ dated \_\_\_\_\_ to supply \_\_\_\_\_ (*insert description of goods and services*) (Hereinafter 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 recognized 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 \_\_\_\_\_ (*insert 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 will remain in force upto \_\_\_\_\_ (*insert date of additional Ninety days after completion of satisfactorily warranty period in case of Performance Security and additional Ninety days after completion of satisfactorily CAMC period in case of CAMC security*) and any demand in respect thereof should reach the Bank not later than the above date.

.....  
(Signature with date of the authorised officer of the Bank)  
.....  
Name and designation of the officer  
.....  
.....  
Seal, name & address of the Bank and address of the Branch

**SECTION - XV****CONTRACT FORM - A****CONTRACT FORM FOR SUPPLY, INSTALLATION, COMMISSIONING, HANDING OVER, TRIAL RUN, TRAINING OF OPERATORS & WARRANTY OF GOODS****ALL INDIA INSTITUTE OF MEDICAL SCIENCES***(Insert Name of concerned Centre/Hospital/Department/Section)***ANSARI NAGAR, NEW DELHI-110 029**

Contract No \_\_\_\_\_ dated \_\_\_\_\_

To \_\_\_\_\_

*(insert name of Supplier with address)***This is in continuation to this office's Notification of Award No \_\_\_\_\_ dated \_\_\_\_\_**

1. Name & address of the Supplier: \_\_\_\_\_
2. ATE No of Bidding Documents: \_\_\_\_\_ and subsequent Amendment No \_\_\_\_\_, dated \_\_\_\_\_ (if any), issued by the Purchaser
3. Supplier's Bid No \_\_\_\_\_ dated \_\_\_\_\_ and subsequent communication(s) No \_\_\_\_\_ dated \_\_\_\_\_ (if any), exchanged between the supplier and the purchaser in connection with this Bidding Document.
4. In addition to this Contract Form, the following documents etc, which are included in the Bidding 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) Bid Form furnished by the supplier;
  - (vii) Price Schedule(s) furnished by the supplier in its Bid;
  - (viii) Manufacturers' Authorisation Form (if applicable);
  - (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 Bidders" of the Bidding 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 of goods/services	Accounting unit	Quantity to be supplied	Unit Price	Total price	Terms of delivery

Any other additional services (if applicable) and cost thereof: \_\_\_\_\_  
Total value (in figure) \_\_\_\_\_ (In words) \_\_\_\_\_

- (ii) Delivery schedule: \_\_\_\_\_
- (iii) Details of Performance Security required: \_\_\_\_\_
- (v) Destination and despatch instructions: \_\_\_\_\_
- (vi) Consignee: \_\_\_\_\_

6. Warranty clause:

7. Payment terms:

\_\_\_\_\_  
(Signature, name and designation of the Purchaser authorised official)  
For and on behalf of Director, AIIMS

---

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 \_\_\_\_\_  
(Insert Name and address of the supplier)

(Seal of the Supplier)

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

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

**CONTRACT FORM – B****CONTRACT FORM FOR COMPREHENSIVE ANNUAL MAINTENANCE  
CONTRACT (CAMC)**

Comprehensive Annual Maintenance Contract No. \_\_\_\_\_  
Dated \_\_\_\_\_

Between

Director, AIIMS

And

*(insert Name & Address of the Supplier)*

Reference: Contract/ Purchase Order No \_\_\_\_\_ dated \_\_\_\_\_ for supply, installation & commissioning, Training and CAMC of goods & services.

In continuation to the above referred Contract/Purchase Order, the Contract of Comprehensive Annual Maintenance Contract is hereby concluded as under: -

1	2	3	4					5	6
Items Sr. No./ RFx no.	Brief descriptio n of goods	Quantity (Nos.)	CAMC Cost for Each Unit year wise in Rs					GST Value in Rs (___ %)	Total CAMC Cost for 5 Years with GST (3) $X[(4a+4b+4c+4d+4e)$ + (5)]
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>		
			a	b	c	d	e		

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

- b) The CAMC 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 CAMC)
- c) The cost of Comprehensive Annual Maintenance Contract (CAMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period as contained in the above referred contract on yearly basis for complete equipment as per contract including Turnkey Work(if any).
- d) There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period and other penalty as per contract.
- e) During CAMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/technical/operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 3 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- f) All software updates should be provided free of cost during CAMC period.

- g) The Bank Guarantee valid till \_\_\_\_\_ [(fill the date) 3 months after expiry of entire CAMC 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 XIV of the Bidding Document, along with the signed copy of CAMC within a period of 21 (twenty one) days of start of CAMC failing which the Performance Security (10% of the contract value) submitted shall be en-cashed payable to the Purchaser/Consignee.
- h) If there is any lapse in the performance of the CAMC as per contract, the proceeds Annual CAMC Bank Guarantee shall be forfeited and their bad performance will be considered while awarding future contracts.
- i) Payment terms: The payment of CAMC will be made against the bills raised by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the concerned User Department. The payment will be made in Indian Rupees.

\_\_\_\_\_  
(Signature, name and designation of the Store Officer/ASO of the Purchaser)

\_\_\_\_\_  
(Signature, name and designation of the F&CAO of the Purchaser)  
For and on behalf of Director, AIIMS

(Seal of the Purchaser)  
Date: \_\_\_\_\_  
Place: \_\_\_\_\_

\_\_\_\_\_  
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 \_\_\_\_\_  
(Insert Name and address of the supplier)

(Seal of the Supplier)  
Date: \_\_\_\_\_  
Place: \_\_\_\_\_

*Note:- The contract will be prepared on Non-judicial Stamp paper(currently of value of Rs. 100).*

**SECTION – XVI**

**CONSIGNEE RECEIPT CERTIFICATE**

(To be given by consignee's authorized representative)

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

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



**SECTION – XVII**

**CONSIGNEE ACCEPTANCE CERTIFICATE**

(To be given by consignee's authorized representative)

This is to certify that the goods as detailed below have been received in good conditions along with all the standard and special accessories in accordance with the contract. The same has been installed and accepted.

- 1) Contract/Purchase Order No. & date:\_\_\_\_\_
- 2) Supplier's Name:\_\_\_\_\_
- 3) Consignee's Name & Address: \_\_\_\_\_
- 4) Name of the item Supplied :\_\_\_\_\_
- 5) Quantity Supplied :\_\_\_\_\_
- 6) Date of Receipt by the Consignee :\_\_\_\_\_
- 7) Date of Installation/Commissioning and Acceptance of Equipment: \_\_\_\_\_
- 8) The supplier has fulfilled its contractual obligations satisfactorily

OR

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

- i)
- ii)
- iii)
- iv)
- 9) The amount of recovery on account of failure of the supplier to meet his contractual obligations is\_\_\_\_\_ (here indicate the amount).
- 10) Signature of Authorized Representative of Consignee with date:\_\_\_\_\_
- 11) Name and designation of Authorized Representative of Consignee:\_\_\_\_\_
- 12) Seal of the Consignee:\_\_\_\_\_