TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF
MEDICAL EQUIPMENT
FOR INSTITUTIONS GETTING UPGRADED
UNDER PMSSY PHASE III

On behalf of

GOVT. OF INDIA

MINISTRY OF HEALTH & FAMILY WELFARE

HITES/PCD/PMSSY-III/11/ANST/17-18

Through

HLL INFRA TECH SERVICES LIMITED

(Subsidiary of HLL Lifecare Ltd., a Govt. of India Enterprise)
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SECTION I

NOTICE INVITING TENDER (NIT)

Tender Enquiry No.: HITES/PCD/PMSSY-III/11/ANST/17-18 Dated:31.07.2017

(1) Procurement & Consultancy Services Division of **HLL Infra Tech Services Limited (HITES),** a fully owned subsidiary of HLL Lifecare Ltd. (HLL), for and on behalf of Govt. of India, Ministry of Health & Family Welfare, invites sealed tenders, from eligible and qualified tenderers for supply of Medical Equipment in department of **Anaesthesia** to various Medical Colleges/ Institutes mentioned in this Tender Enquiry Document which are getting upgraded to super-specialities under Pradhan Mantri Swasthya Suraksha Yojna (PMSSY) Phase III:

Sl No	RFx No	Equipments	Total Qty	Tender Processing Fee	EMD
1	3000002093	12 Channel ECG Machine	68	1,180	2,04,000
2	3000002094	Blood & Fluid Warmer	58	1,180	1,39,200
3	3000002095	Non-invasive ventilator	42	1,180	1,26,000
4	3000002096	High-end Monitor for ICU with CNS	1054	5,900	126,48,000
5	3000002097	Recovery ward modular Monitors	157	5,900	9,42,000
6	3000002098	Transport Monitor	21	1,180	1,05,000
7	3000002099	Ventilator-portable	62	5,900	7,44,000
8	3000002100	Anaesthesia Machine with Integrated Monitor & Ventilator	52	5,900	31,20,000
9	3000002101	Anesthesia Workstation with monitor (Mid End)	104	5,900	41,60,000
10	3000002102	Ventilator-High End (I.C.U)	542	5,900	162,60,000
11	3000002103	Blood Gas Analyser	62	5,900	14,88,000
12	3000002104	Boyls Anaesthesia Machine	3	590	36,000
13	3000002105	Deep Vien Thrombosis (DVT Pump)	30	1,180	1,02,000
14	3000002107	Video Lyrangoscope	10	590	40,000
15	3000002108	PCA Pump	10	590	20,000
16	3000002109	Patient Warming System	70	1,180	1,40,000
17	3000002110	Peripheral Nerve Stimulator	5	590	10,000
18	3000002111	Suction Machine	227	1,180	2,27,000
19	3000002112	Oxygen Concentrator	10	590	8,000
20	3000002113	Fibre optic Bronchoscope	11	1,180	2,64,000
21	3000002114	Defibrillator with CPR monitoring and TC pacing	43	3,540	5,59,000
22	3000002115	Defibrillator with ECG Monitor	198	5,900	17,82,000
23	3000002116	Infusion Pump (Volumetric)	660	3,540	6,60,000
24	3000002117	Multiparameter Monitor – 5 Para	844	5,900	42,20,000
25	3000002118	Pulse Oximeter	367	3,540	4,40,400
26	3000002120	Syringe Infusion Pump	1100	5,900	11,00,000
27	3000002121	Peidatric Fiber Optic Broncoscope	4	590	64,000

Note: Tender processing Fee is inclusive of GST @18% (Our GSTIN: 09AADCH4882R1ZP)

(2) Tender timeline:

Sl. No.	Description	Schedule
a.	Last date for receipt of Pre-bid queries	08.08.2017,06.00 PM
b.	Pre-bid meeting date, time	10.08.2017, 11:00 AM
d.	Closing date & time for submission of online bids	12.08.2017, 06:00 PM
c.	Closing date & time for submission of **tender processing fee and EMD in physical form***	13.09.2017, 02:00 PM
e.	Time and date of opening of online bids	13.09.2017, 02:30 PM
f.	Venue for :- • Submission of tender processing fee, EMD in physical form. • Tender Opening-Tech Bid	HLL Infra Tech Services Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

* Bidders have to submit Original Bank Instruments for tender processing fee and EMD within the above mentioned date and time

SPECIFIC Instructions for e-Tender Participation:-

(3) The tenders are invited through the e-tender portal of HLL/HITES (https://etender.lifecarehll.com/irj/portal) only.

(4) The prospective bidders have to register in the e-tender portal for participating in the tender. There is no registration fee. The instruction for registering in the portal along with video tutorial is available in the *Bidder Help Documents* provided in the e-tender portal login screen.

(5) Bidders should have a valid Class 3 Digital Signature Certificate with signing and encryption keys.

(6) On completion of the registration process, the bidders will be provided user ID and password within 72 hours (excepting non-working days). In order to submit the bids electronically bidders are required to have a valid Class 3 Digital Signature Certificate (**signing and encryption/ decryption certificates**).

(7) Bidders can access the portal for viewing/ downloading the tender enquiry document & uploading tender(s) after the receipt of User ID & Password.

(8) Bidders are requested to go through the *Bidder Help Documents* on e-tender portal before proceeding for bidding.

(9) **The tenderers shall submit tender processing fee and EMD in physical form at the scheduled time and venue.**

(10) Tenderer may download the tender enquiry documents from the web site www.hllhites.com or www.lifecarehll.com or www.eprocure.gov.in/cppp or https://etender.lifecarehll.com/irj/portal.

(11) The submission of tender online can only be done thru' https://etender.lifecarehll.com/irj/portal.

(12) All prospective tenderers may attend the Pre Tender meeting. The venue, date and time indicated above.

(13) Tenderers shall ensure that their bids, complete in all respects, are submitted online through HLL e-portal (as described above) ONLY. No DEVIATION is acceptable.

CEO
HLL Infra Tech Services Limited

SECTION - II
GENERAL INSTRUCTIONS TO TENDERERS (GIT)
CONTENTS

A. PREAMBLE

1. Definitions and Abbreviations

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

1.2. **Definitions:**

(i) **"Purchaser"** means Ministry of Health & Family Welfare Govt. of India.

(ii) **"e-Tender"** means Bids / Quotation / Tender received from a Firm / Tenderer / Bidder online.

(iii) **"Tenderer"** means Bidder/the Individual or Firm submitting Bids/Quotation/e-Tenders.

(iv) **"Supplier"** means the individual or the firm supplying the goods and services as incorporated in the contract.

(v) **"Goods"** means the articles, material, commodities, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment , medical equipment , industrial plant etc. which the supplier is required to supply to the purchaser under the contract.

(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) "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.

(viii) "Contract" means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.

(ix) "Performance Security" means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.

(x) "Consignee" means the Hospital/Institute/Medical College/ person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of despatch to another person as provided in the Contract then that "another" person is the consignee, also known as ultimate consignee.

(xi) "Specification" 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 to determine conformity.

(xiii) "Day" means calendar day.

1.3 Abbreviations:

(i) "TE Document" means Tender Enquiry Document

(ii) "NIT" means Notice Inviting Tenders.

(iii) "GIT" means General Instructions to Tenderers

(iv) "SIT" means Special Instructions to Tenderers

(v) "GCC" means General Conditions of Contract

(vi) "SCC" means Special Conditions of Contract

(vii) "DGS&D" means Directorate General of Supplies and Disposals

(viii) "NSIC" means National Small Industries Corporation

(ix) "PSU" means Public Sector Undertaking

(x) "CPSU" means Central Public Sector Undertaking
(xi) "LSI" means Large Scale Industry
(xii) "SSI" means Small Scale Industry
(xiii) "LC" means Letter of Credit
(xiv) "DP" means Delivery Period
(xv) "BG" means Bank Guarantee
(xvi) "ED" means Excise Duty
(xvii) "CD" means Custom Duty
(xviii) "RR" means Railway Receipt
(xix) "BL" means Bill of Lading
(xx) "FOB" means Free on Board
(xxi) "FCA" means Free Carrier
(xxii) "FOR" means Free On Rail
(xxiii) "CIF" means Cost, Insurance and Freight
(xxiv) "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.
(xxv) "DDP" means Delivery Duty Paid named place of destination (consignee site)
(xxvi) "INCOTERMS" means International Commercial Terms as on the date of Tender Opening
(xxvii) "MOH&FW" means Ministry of Health & Family Welfare, Government of India
(xxviii) "Dte. GHS" means Directorate General and Health Services, MOH&FW.
(xxix) "CMC" means Comprehensive maintenance Contract (labour, spare and preventive maintenance)
(xxx) "RT" means Re-Tender.
(xxxi) "GST" means Goods and Services Tax

2. Introduction

2.1 The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – VI – "List of Requirements", which also indicates, *interalia,* the required delivery schedule, terms and place of delivery.

2.2 This section (Section II - "General Instruction Tenderers") provides the relevant information as well as instructions to assist the prospective bidders in preparation and submission of bids. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.

2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.

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

3. Availability of Funds

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

4. Language of Tender

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

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

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

7. Tendering Expense

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

B. e-TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

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

Section II – General Instructions to Tenderers (GIT)
Section III – Special Instructions to Tenderers (SIT)
Section IV – General Conditions of Contract (GCC)
Section V – Special Conditions of Contract (SCC)
Section VI – List of Requirements
Section VII – Technical Specifications
Section VIII – Quality Control Requirements
Section IX – Qualification Criteria
Section X – Tender Form
Section XI – Price Schedules
Section XII – Questionnaire
Section XIII – Bank Guarantee Form for EMD
Section XIV – Manufacturer's Authorisation Form
Section XV – Bank Guarantee Form for Performance Security/CMC Security

Section XVI – Contract Forms A & B
Section XVII – Proforma of Consignee Receipt Certificate
Section XVIII – Proforma of Final Acceptance Certificate by the consignee
Section XIX – Consignee List

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

9. Amendments to TE documents

9.1 At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing suitable amendment(s) to it.

9.2 Such an amendment will be notified in writing by registered/speed post or by fax/telex/e-mail, to all prospective tenderers, who have received the TE documents and will be binding on them.

9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.

10. Clarification of TE documents

10.1 A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing on their letter head duly signed and scanned through email to pcd@hllhites.com and bmenoida@hllhites.com. The purchaser will respond to such request provided the same is received by the purchaser **within the due date mentioned in the NIT**. **Any queries/ representations received later shall not be taken into cognizance.**

C. PREPARATION OF e-TENDERS

11. Documents comprising the e-Tender

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

(i) 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, EMD, Eligibility Criteria & Technical Specifications viz. Product Specification Sheets/ Brochures, OEM Certificate, etc.) has to be attached in the C-folder of e-tendering module. Bidders have to ensure that the documents uploaded in pdf format are legible.

(ii) Price Bid has to be submitted in the prescribed excel format provided with the tender enquiry.

Note:

(i) The Tender Processing Fee and EMD, in favor of HLL Infra Tech Services Ltd, are to be submitted in physical form as per Section - I, Notice Inviting Tender, of this tender enquiry.

(ii) 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 Techno-Commercial Bid.

A) Details of Technical Tender (Un priced Tender)

Bidders shall furnish the following information along with technical tender:.

i) Techno-Commercial Bid in excel format provided with the tender enquiry
ii) Earnest money Deposit (EMD) furnished in accordance with GIT clause 19.1 alternatively, documentary evidence as per GIT clause 19.2 for claiming exemption from payment of earnest money.
iii) Tender Form as per Section X (without indicating any prices).
iv) Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.
v) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer's Authorization **strictly as per the prescribed format (Section - XIV).**
vi) Power of Attorney issued by Competent Authority in favour of the person **who is digitally signing/ uploading the tender(s).**
vii) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
viii) Performance Statement as per section IX along with relevant copies of orders and end users' satisfaction certificate.
ix) Price Schedule(s) as per Section XI filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
x) Certificate of Incorporation.
xi) Self-Attested copies of VAT registration certificate and PAN Card.
xii) Non conviction /no pending conviction certification issued by Notary on judicial stamp paper for preceding three years.
xiii) Self-Attested copies of quality certificates i.e. US FDA /CE Certificate issued by competent authority, if applicable.
xiv) Documentary evidence stating the status of bidder.
xv) List of procurement agencies of repute to which the tendered product have been supplied during last 12 months.
xvi) Self-attested copies of annual report, audited balance sheet and profit & loss account for preceding three years from the date of tender opening.
xvii) Notarized affidavit that tenderer 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.
xviii) 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).
xix) **Copies of original product catalogues / data sheet must be enclosed of all quoted items**.

B) Price Bid:

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:

(i) **The bidder has to be diligent while filling up the Techno-Commercial Bid and Price Bid provided in excel formats and must not tamper with the contents of the sheets.**

(ii) It is the responsibility of bidder to go through the TE document to ensure furnishing all required documents in addition to above, if any.

(iii) 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 A person signing (manually or digitally) the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.

11.3 A tender, which does not fulfill any of the above requirements and/or give evasive information/reply against any such requirement, shall be liable to be ignored.

11.4 Tender sent by fax/telex/cable shall be ignored.

12. Tender currencies

12.1 The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees (INR). A tenderer quoting imported goods located within India shall produce documentary evidence of the goods having been imported and already located within India, in case their bid is found to be the lowest one after opening of price bid.

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 Japanese Yen. As regards price(s) for allied services, if any required with the goods, the same shall be quoted in Indian Rupees only (INR), if such services are to be performed /undertaken in India. Commission for Indian Agent, if any and if payable shall be indicated in the space provided for in the price schedule and will be payable in Indian Rupees only.

12.3 Tenders, where prices are quoted in any other currency may not be accepted and are liable to be ignored.

13 Tender Prices

13.1 The Tenderer shall indicate on the Price Schedule provided under Section XI all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required.

13.2 If there is more than one schedule in the List of Requirements, the tenderer has the option to submit its quotation for any one or more schedules. However, while quoting for a schedule, the tenderer shall quote for the complete requirement of goods and services as specified in that particular schedule.

13.3 The quoted prices for goods offered from within India and that for goods offered from abroad are to be indicated separately in the applicable Price Schedules attached under Section XI.

13.4 While filling up the columns of the Price Schedule, the following aspects should be noted for compliance:

13.4.1 For domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:

a) The price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like, Custom Duty and/or GST 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 duties including Custom duty and/or GST, which will be payable on the goods in India if the contract is awarded;
c) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage), Loading & Unloading etc. would be borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;
d) The price of Incidental Services, as mentioned in List of Requirements and Price Schedule;
e) The prices of Site Modification Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule.
f) The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

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

a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;
b) Price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List
c) The charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery. Other local costs and Incidental costs, as specified in the List of Requirements and Price Schedule;
d) The charges for Incidental Services, as in the List of Requirements and Price Schedule;
e) The prices of Site Modification Work (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
f) The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 **Additional information and instruction on Duties and Taxes:**

13.5.1 If the Tenderer desires to ask for GST or any other taxes to be paid extra, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.

13.5.2 Deleted

13.5.3 Deleted

13.5.4 **Octroi Duty and Local Duties & Taxes:**

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

However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage

charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the purchaser to enable the purchaser reimburse the supplier and take other necessary action in the matter.

13.5.5 **Customs Duty:**

The Purchaser will pay the Customs duty wherever applicable.

13.5.6 **Goods and Services Tax (GST) :**

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

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

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

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

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

14. Indian Agent

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

a) As per the Compulsory Enlistment Scheme of the Department of Expenditure, Ministry of Finance, it is compulsory for Indian agents, who desire to quote directly on behalf of their foreign principals, to get themselves enlisted with the Central Purchase Organization (eg. DGS&D).
    a) The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority.
    b) The details of the services to be rendered by the agent for the subject requirement.
    c) Details of Service outlets in India, nearest to the consignee(s), to render services during Warranty and CMC period.
    d) A copy of agreement between the Agent & their principal detailing the terms & conditions as well as services and after sales services as above to be rendered by the agent and the precise relationship between them and their mutual interest in the business as laid out in section VII (Technical specifications).
    e) Principal's/Manufacturer's original Proforma Invoice with the price bid

15. Firm Price

15.1 Unless otherwise specified in the SIT, prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account. Bidders are

requested to quote BOQ wise unit price **(uniform unit prices must be quoted for same BOQ items across India)** and total price. If a firm quotes NIL Charges/ consideration, the bid shall be treated as unresponsive and will not be considered

16. Alternative Tenders

16.1 Alternative Tenders are not permitted.

16.2 However the Tenderers can quote alternate models meeting the tender specifications of same manufacturer with single EMD.

16.3 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 tender for the same item/product. In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

17 Documents Establishing Tenderer's Eligibility and Qualifications

17.1 Pursuant to GIT clause 11, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its tender is accepted.

17.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfil the following requirements:

a) in case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser. The tenderer shall submit the manufacturer's authorization letter to this effect as per the standard form provided under Section XIV in this document.
b) the tenderer has the required financial, technical and production capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in the Section IX in these documents.
c) in case the tenderer is not doing business in India, it is duly represented by an agent stationed in India fully equipped and able to carry out the required contractual functions and duties of the supplier including after sale service, maintenance & repair etc. of the goods in question, stocking of spare parts and fast moving components and other obligations, if any, specified in the conditions of contract and/or technical specifications.
d) in case the tenderer is an Indian agent/authorized representative quoting on behalf of a foreign manufacturer for the **restricted item**, the Indian agent/authorized representative is already enlisted under the Compulsory Enlistment Scheme of Ministry of Finance, Govt. of India, operated through Directorate General of Supplies & Disposals (DGS&D), New Delhi.

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

18.1 The tenderer shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully conform to the goods and services specified by the purchaser in the TE documents. For this purpose the tenderer shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the goods and services offered in its tender.

18.2 In case there is any variation and/or deviation between the goods & services prescribed by the purchaser and that offered by the tenderer, the tenderer shall list out the same in a chart form without ambiguity and provide the same along with its tender.

18.3 If a tenderer furnishes wrong and/or misguiding data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.

19. Earnest Money Deposit (EMD)

19.1 Pursuant to GIT clauses 8.1 and 11.1 A (i) the tenderer shall furnish along with its tender, earnest money for amount as shown in the List of Requirements. The earnest money is required to protect the purchaser against the risk of the tenderer's unwarranted conduct as amplified under sub-clause 19.7 below.

19.2 The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period with Directorate General of Supplies & Disposals or with National Small Industries Corporation, New Delhi for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification", etc. will not be acceptable for exemption from furnishing of earnest money. In case the tenderer falls in these categories, it should furnish copy of its valid registration details (with DGS&D or NSIC, as the case may be).

19.3 The earnest money shall be denominated in Indian Rupees or equivalent currencies as per GIT clause 12.2. The earnest money shall be furnished in one of the following forms:

i) Account Payee Demand Draft
ii) Fixed Deposit Receipt
iii) Banker's cheque and
iv) Bank Guarantee

19.4 The demand draft or banker's cheque or Fixed Deposit Receipt shall be drawn on any scheduled commercial bank in India or country of the tenderer, in favour of the "**HLL Infra Tech Services Limited**" payable at New Delhi. In case of bank guarantee, the same is to be provided from any scheduled commercial bank in India or country of the tenderer as per the format specified under Section XIII in these documents.

19.5 The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the tender. As validity period of Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days from Techno – Commercial Tender opening date.

19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.

19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.

19.8 In the case of Bank Guarantee furnished from banks outside India (i.e. foreign Banks), it should be authenticated and countersigned by any nationalised bank in India by way of back-to-back counter guarantee and the same should be submitted along with the bid.

20. Tender Validity

20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 120 days (One hundred and twenty days) after the date of tender opening prescribed in the TE document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

20.2 In exceptional cases, the tenderers may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by surface mail or by fax/ telex/cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly. A tenderer, who may not agree to extend its tender validity after the expiry of the original validity period the EMD furnished by them shall not be forfeited.

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

21. Digital Signing of Tender

21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11. Tenders shall be uploaded with all relevant tender documents in the prescribed format. The relevant tender documents should be uploaded by an authorised person having Class 3 digital signature certificate.

D. SUBMISSION OF TENDERS

22. Submission of Tenders

22.1 The tender shall be submitted online only.

(i) Pre-qualification and Technical compliance along with the Techno-Commercial Bid in excel format:

a) Scanned copies of tender processing fee and EMD

b) Manufacturer's authorization in case bid is submitted by an Indian agent (A declaration must be attached here in case directly quoted by a manufacturer or a document establishing the relation of the Indian office with the manufacturer in case quoted by Indian office of the manufacturer).
c) Tender Form as per Section X.
d) Compliance of all terms and conditions of TED like- warranty, CMC, delivery period, delivery terms, payment terms, Liquidated Damages Clause, Arbitration clause, etc
e) Declaration regarding Fall Clause and Deregistration, debarment from any Govt Dept/ Agencies
f) Copy of PAN.
g) Certificate of Incorporation/ or a Declaration in case the firm is being a proprietary firm.
h) Abridged Annual report of last 03 years (Balance sheet and Profit & Loss Account) completed till December 2016, in pdf format.
i) Name, address and details of account with respect to bidder and/or beneficiary of L/C.
j) Quality Control Requirements as per Section VIII
k) Performance statement along with required PO copies and its corresponding end user's satisfactory performance certificate as per section IX.
l) Technical Bid along with clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications along with product catalogue and data sheet in the tender enquiry.
m) The bidder should submit blank proforma invoice from the foreign manufacturer along with his technical bid, duly mentioning the specifications and code number of the parts quoted.
n) The original proforma invoices from the foreign principal will be applicable in case of 100% subsidiary companies incorporated in India also.
o) In case the bidder quotes an equipment of a foreign manufacturer and submits the documents as per Clause 22.1 (i) l & m from the subsidiary company of the foreign Original Equipment Manufacturer in India, the bidder must submit the Power of Attorney given to the subsidiary company by the foreign Original Equipment Manufacturer, authorizing it to do business and perform all obligations for and on behalf of the foreign manufacturer company, in India.

(ii) <u>PRICE BID (ONLY ONLINE):</u>

a) The tenderers must ensure that they submit the Price Bid in prescribed format uploaded along with the tender enquiry. It is the responsibility of the bidder to ensure that the contents of the format are not tampered.

b) The tenderers must ensure that they submit the on-line tenders not later than the closing time and date specified for submission of tenders.
c) Along with price bid recent purchase order copies for the same model and technical configuration issued by institute of National importance and/or reputed central/state government hospitals should be uploaded in pdf form for reasonability of the offered price.
d) The bidder should submit the copy of original proforma invoice from the foreign manufacturer along with the price bid.
e) The supplier shall justify the present quotes based on previous purchase orders for similar project executed either in India or Globally. If they quote any new model or upgraded version of earlier model, they may mention the same in their tender.

22.2 The tenderers must ensure that they submit the on-line tenders within the scheduled closing date & time. They shall also ensure to submit the original Tender Processing Fee and EMD within its scheduled date & time.

23. Late Tender:

23.1 There is NO PROVISION of uploading late tender beyond stipulated date & time in the e-tendering system. However, if the necessary Tender Processing Fee and EMD in original are not submitted within the scheduled time, the tender shall be declared as late tender and online tender shall not be opened and shall be ignored.

24. Alteration and Withdrawal of Tender

24.1 The tenderer is permitted to change, edit or withdraw its bid on or before the end date &time.

E. TENDER OPENING

25. Opening of Tenders

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

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

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

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

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

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principle

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

27. Scrutiny of Tenders

27.1 The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished and, whether the documents uploaded are in legible form.

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

27.3 Deleted

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

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

(i) Tender validity is shorter than the required period.
(ii) Required EMD or its exemption documents have not been provided.
(iii) Tenderer has not agreed to give the required performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – "Special Conditions of Contract", for due performance of the contract.
(iv) Poor/ unsatisfactory past performance.
(v) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
(vi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1.
(vii) Tenderer has not quoted for the entire quantity as specified in the List of Requirements/ BOQ for the quoted schedule.
(viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry, like delivery terms, delivery schedule, terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.

28. Minor Informality/Irregularity/Non-Conformity

If during the preliminary examination, the purchaser find any minor informality and/or irregularity and/or non-conformity in a tender, the purchaser may waive the same provided it does not constitute any material deviation and financial impact and, also, does not prejudice or affect the ranking order of the tenders. Wherever necessary, the purchaser will convey its observation on such 'minor' issues to the tenderer by registered/speed post etc. asking the tenderer to respond by a specified date. If the tenderer does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that tender will be liable to be ignored.

29 Discrepancies in Prices

29.1 If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.

29.2 If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and

29.3 If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 29.1 and 29.2 above.

29.4 If, as per the judgement of the purchaser, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the tenderer by registered / speed post. If the tenderer does not agree to the observation of the purchaser, the tender is liable to be ignored.

30. Discrepancy between original and copies of Tender

Not applicable being e-Tender.

31. Qualification Criteria

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

31.2 The Purchaser reserves the right to relax the Norms on Prior Experience for Start-ups and Micro & Small Enterprises in Public Procurement.

The Start-ups are defined in Annexure-A of the "Action Plan for Start-ups in India". The same is available on the website of Department of Industrial policy and Promotion (DIPP), Ministry of Commerce & Industry.

The Notification is available in the below link:

http://www.finmin.nic.in/the_ministry/dept_expenditure/ppcell/RelaxNorms_StarupMedEnterprise25072016.pdf

The FAQs are available in the below link:

http://dipp.nic.in/English/Investor/startupindia/FAQs_StartupIndia_30March2016.pdf

Note:- Definition of Startup (only for the purpose of Government schemes)

(Ref: Ministry of Finance Office Memorandum No. F.20/2/2014-PPD(Pt.) dated 25th July 2016.)

Start-up means an entity, incorporated or registered in India not prior to five years, with annual turnover not exceeding INR 25 crore in any preceding financial year, working towards innovation, development, deployment or commercialization of new products, processes or services driven by technology or intellectual property.

Provided that such entity is not formed by splitting up, or reconstruction, of a business already in existence.

Provided also that an entity shall cease to be a Start-up if its turnover for the previous financial years has exceeded INR 25 crore or it has completed 5 years from the date of incorporation/ registration.

Provided further that a Start-up shall be eligible for tax benefits only after it has obtained certification from the Inter-Ministerial Board, setup for such purpose.

32. Conversion of tender currencies to Indian Rupees

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

33. Schedule-wise Evaluation

33.1 In case the List of Requirements contains more than one schedule, the responsive tenders will be evaluated and compared separately for each schedule. The tender for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the tender.

34. Comparison of Tenders

34.1 Unless mentioned otherwise in Section – III – Special Instructions to Tenderers and Section – VI – List of Requirements, the comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) consignee site basis. The quoted Site Modification Work prices and Comprehensive Annual Maintenance charges (CMC) prices will also be added for comparison/ ranking purpose for evaluation. **"Net Present value (NPV) of the actual CMC price quoted for the required CMC period after the warranty period shall be considered for bid comparison and the NPV will be calculated after discounting the quoted CMC price by a discounting factor of 10% per annum."**

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

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

i) In the case of goods manufactured in India or goods of foreign origin already located in India, GST or any other taxes which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and

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

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

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

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

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

iii. The MSEs fulfilling the prescribed eligibility criteria and participating in the tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board

or Coir Board or National Small Industries Corporation or any other body specified by Ministry of Micro and Small enterprises in support of their being an MSE, failing which their tender will be liable to be ignored.

iv. The Purchaser reserves the right to relax the Norms on Prior Experience for Start-ups and Micro & Small Enterprises in Public Procurement.

The Start-ups are defined in Annexure-A of the "Action Plan for Startups in India". The same is available on the website of Department of Industrial policy and Promotion (DIPP), Ministry of Commerce & Industry.

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Startup means an entity, incorporated or registered in India not prior to five years, with annual turnover not exceeding INR 25 crore in any preceding financial year, working towards innovation, development, deployment or commercialization of new products, processes or services driven by technology or intellectual property.

Provided that such entity is not formed by splitting up, or reconstruction, of a business already in existence.

Provided also that an entity shall cease to be a Startup if its turnover for the previous financial years has exceeded INR 25 crore or it has completed 5 years from the date of incorporation/ registration.

Provided further that a Startup shall be eligible for tax benefits only after it has obtained certification from the Inter-Ministerial Board, setup for such purpose.

36. Tenderer's capability to perform the contract

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

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

37. Contacting the Purchaser

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

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

G. AWARD OF CONTRACT

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

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

39. Award Criteria

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

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

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

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

41. Notification of Award

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

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

42. Issue of Contract

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

42.2 Within twenty one days from the date of the contract, the successful tenderer shall return the original copy of the contract, duly signed and dated, to the Purchaser/Consignee by registered / speed post. The successful tenderer should also submit Proforma Invoice from the foreign principal (if applicable as per contractual price) within 21 days from the date of NOA.

42.3 The Purchaser/ Consignee reserves the right to issue the Notifications of Award consignee wise.

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

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

44. Return of EMD

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

45. Publication of Tender Result

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

46. Corrupt or Fraudulent Practices

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

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and

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

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

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

SECTION - III
SPECIAL INSTRUCTIONS TO TENDERERS
(SIT)

Sl. No.	GIT Clause No.	Topic	SIT Provision	Page No.
A	1 to 7	Preamble	No Change	
B	8 to 10	TE documents	No Change	
C	11 to 21	Preparation of Tenders	Change	
D	22 to24	Submission of Tenders	Change	
E	25	Tender Opening	No Change	
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change	
G	38 to 45	Award of Contract	No Change	

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/substitute/supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:
In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

SUBMISSION OF e-TENDERS

(i) All the necessary documents as prescribed in the NIT shall be prepared and scanned in different files (in PDF format as prescribed) and uploaded for on-line submission of Proposal.

(ii) Except Tender Processing Fee and EMD, all document(s)/ information(s) including the Financial Proposal (i.e. FORMAT FOR SUBMISSION OF FINANCIAL PROPOSAL) should be uploaded **online only** in the prescribed format given in the website. No other mode of submission shall be acceptable.

i) 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.

ii) 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.

iii) The file name of price bid should match the file of the price bid format uploaded by the purchaser in the portal. This can be downloaded from the **Notes & Attachment** under **Details** of item when the event is in **Display Mode**.

SECTION - IV

GENERAL CONDITIONS OF CONTRACT (GCC)
TABLE OF CLAUSES

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 TE document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.

2.2 Further, the supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC sub-clause 2.1 above except for the sole purpose of performing this contract.

2.3 Except the contract issued to the supplier, each and every other document mentioned in GCC sub-clause 2.1 above shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier's performance and obligations under this contract.

3. Patent Rights

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

4. Country of Origin

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

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

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

5. Performance Security

5.1 Within twenty one (21) days from date of the issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, initially valid for a period of minimum six months plus number of months under warranty from the date of Notification of Award

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

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

5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security as per Proforma in Section XV, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.

5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.

5.5 The supplier shall enter into Annual Comprehensive Maintenance Contract as per the 'Contract Form – B' in Section XVI with respective consignees, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.

5.6 Subject to GCC sub – clause 5.3 above, the Purchaser/Consignee will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations & after receipt of Consignee wise bank guarantee for CMC security in favour of Head of the Hospital/ Institute/ Medical College of the consignee as per the format in Section XV.

6. Technical Specifications and Standards

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

7. Packing and Marking

7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including transhipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.

7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections VII and VIII and in SCC under Section V. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the supplier accordingly.

7.3 Packing instructions:

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

a. contract number and date
b. brief description of goods including quantity
c. packing list reference number
d. country of origin of goods
e. consignee's name and full address and
f. supplier's name and address

8. Inspection, Testing and Quality Control

8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. "The cost towards the

transportation, boarding 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/PSA/PA, 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 and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.

8.3 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser's inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser's inspector for conducting the inspections and tests again.

8.4 In case the contract stipulates pre-despatch inspection of the ordered goods at supplier's premises, the supplier shall put up the goods for such inspection to the purchaser's inspector well ahead of the contractual delivery period, so that the purchaser's inspector is able to complete the inspection within the contractual delivery period.

8.5 If the supplier tenders the goods to the purchaser's inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.

8.6 The purchaser's/consignee's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser's inspector during pre-despatch inspection mentioned above.

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

9. Terms of Delivery

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

10. Transportation of Goods

10.1 Instructions for transportation of imported goods offered from abroad:

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

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

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

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

11. Insurance:

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

i) in case of supply of domestic goods on Consignee site basis, the supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured for an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee.

ii) in case of supply of the imported goods on CIP Named port of Destination Basis, the additional extended Insurance (local transportation and storage) would be borne by the Supplier or its Indian Subsidiary/Indian agent from the port of entry to the consignee site for a period including 3 months beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis.

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

12. Spare parts

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

a) The spare parts as selected by the Purchaser/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and

b) In case the production of the spare parts is discontinued:

i) Sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and

ii) The supplier shall be responsible for undertaking the supply of any such spare part for the proper up keeping of equipment for a period of 10 years including the warranty and CMC periods.

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

13. Incidental services

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

a. Installation & commissioning, Supervision and Demonstration of the goods

b. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.

c. Training of Consignee's Doctors, Staff, operators etc. for operating and maintaining the goods

d. Supplying required number of operation & maintenance manual for the goods

14. Distribution of dispatch documents for clearance/receipt of goods

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

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

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

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

(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
(ii) Two copies of packing list identifying contents of each package;
(iii) Certificate of origin for goods of foreign origin;
(iv) Insurance Certificate as per GCC Clause 11.
(v) Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

B) For goods imported from abroad

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

availability of technical support/ clarifications /documents from the supplier shall be borne by the supplier:

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

15. Warranty:

- 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.
- The warranty shall remain valid for 60 months from the date of installation & commissioning with a regular updates of newer technology as and when evolved followed by a CMC for a period of 5 (Five) Years for all the equipment after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser/ consignee in terms of the contract, unless specified otherwise in the SCC.
- No conditional warranty will be acceptable.
- Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories and Site Modification work and it will also cover the following wherever applicable:-
    - Any kind of motor.
    - Plastic & Glass Parts against any manufacturing defects.
    - All kind of sensors.
    - All kind of coils, probes and transducers.
    - Printers and imagers including laser and thermal printers with all parts.
    - UPS including the replacement of batteries.
    - Air-conditioners

  a. Replacement and repair will be under taken for the defective goods.
    - All kinds of painting, civil, HVAC and electrical work

  b. Proper marking has to be made for all spares for identification like printing of installation and repair dates.

15.3 In case of any claim arising out of this warranty, the Purchaser/Consignee shall promptly notify the same in writing to the supplier. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.

15.4 Upon receipt of such notice, the supplier shall, within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced

parts/goods thereafter. The penalty clause for non-rectification will be applicable as per tender conditions

15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended till the completion of the original warranty period of the main equipment.

15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.

15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods

15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract between Consignee and the Supplier for the period as mentioned in Section VII, Technical Specifications after the completion of warranty period.

15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the purchaser for 10 years from the date of installation and handing over.

15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its 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 tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.

17.2 Sub contract shall be only for bought out items and sub-assemblies.

17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").

18. Modification Of Contract

18.1 If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:

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

18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract amended accordingly. If the

supplier doesn't agree to the adjustment made by the Purchaser/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser's/Consignee's amendment / modification of the contract.

19. Prices

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

20. Taxes and Duties

20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.

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

21. Terms and mode of payment

21.1 Payment Terms

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

TERMS AND MODE OF PAYMENT

A) Payment for Domestic Goods Or Foreign Origin Located Within India.

Payment shall be made in Indian Rupees as specified in the contract in the following manner:

a) On delivery:

Seventy Five percent (75%) payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents subject to recovery of LD, if any:

(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount
(ii) Two copies of packing list identifying contents of each package
(iii) Inspection certificate issued by the nominated Inspection agency, if any
(iv) Insurance Certificate as per GCC Clause 11
(v) Certificate of origin for imported goods
(vi) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee

b) On Acceptance:

Balance Twenty Five percent (25%) payment would be made against 'Final Acceptance Certificate' as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. FAC needs to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trail run of the equipment.

B) Payment For Imported Goods:

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

a) On Shipment:

Seventy Five percent (75%) of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:

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

b) On Acceptance:

Balance payment of Twenty Five percent (25%) of net CIP price of goods would be made against 'Final Acceptance Certificate' as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one to two weeks of successful trail run of the equipment.

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

d) Payment of Indian Agency Commission:

Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. This is payable against submission of a certificate from the principal supplier that they have realised full and final settlement against their supply.

C) Payment of Site Modification Work, if any:

Site Modification Work payment will be made to the bidder/ manufacturer's agent ot its Indian Office in Indian rupees as indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. This will be paid on proof of final installation, commission and acceptance of equipment by the consignee

D) Payment for Annual Comprehensive Maintenance Contract Charges:

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

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

21.3 Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.

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

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

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

21.7 While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.

21.8 While claiming reimbursement of duties, taxes etc. (like custom duty and/or GST or any other taxes) from the Purchaser/Consignee, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the Purchaser/Consignee forthwith.

21.9 In case where the supplier is not in a position to submit its bill for the balance payment for want of receipted copies of Inspection Note from the consignee and the consignee has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee's receipt certificate after three months from the date of the preceding part payment for the goods in question, subject to the following conditions:

(a) The supplier will make good any defect or deficiency that the consignee (s) may report within six months from the date of despatch of goods.
(b) Delay in supplies, if any, has been regularized.
(c) The contract price where it is subject to variation has been finalized.
(d) The supplier furnishes the following undertakings:

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

22. Delivery

22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser/Consignee in the List of Requirements and as incorporated in the contract. The time for and the date of delivery of the goods stipulated in the schedule shall be deemed to be of the essence of the contract and the delivery must be completed not later than the date (s) as specified in the contract.

22.2 Subject to the provision under GCC clause 26, any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:

(i) imposition of liquidated damages,
(ii) forfeiture of its performance security and
(iii) termination of the contract for default.

22.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the Purchaser/Consignee in writing about the same and its likely duration and make a request to the Purchaser/Consignee for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser/Consignee shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.

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

(a) The Purchaser/Consignee shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, liquidated damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.
(b) That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty and/or GST or on account of any other tax or duty which may be levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.
(c) But nevertheless, the Purchaser/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty and/or GST or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.

22.5 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the Purchaser/Consignee for extension of delivery period and obtain the same before despatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and / or any other expense related to such supply shall lie against the purchaser.

22.6.1 Passing of Property:
22.6.2 The property in the goods shall not pass to the purchaser unless and until the goods have been delivered to the consignee in accordance with the conditions of the contract.
22.6.3 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.
22.6.4 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 including opening of office in India as per the undertaking given in the qualification criteria, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24. ***Since the Liquidated damages are in virtue of non-performance of services, it will attract GST or any other applicable taxes which in turn shall be deducted from the bidder.***

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

24. Termination for default

24.1 The Purchaser/Consignee, without prejudice to any other contractual rights and remedies available to it (the Purchaser/Consignee), may, by written notice of default sent to the supplier, terminate

the contract in whole or in part, if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract, or within any extension thereof granted by the Purchaser/Consignee pursuant to GCC sub-clauses 22.3 and 22.4.

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

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

25. Termination for insolvency

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

26. Force Majeure

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

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

26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.

26.5 In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

27.1 The Purchaser/Consignee reserves the right to terminate the contract, in whole or in part for its (Purchaser's/Consignee 's) convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser/Consignee. The notice shall also indicate interalia, the extent to which the supplier's performance under the contract is terminated, and the date with effect from which such termination will become effective.

27.2 The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the supplier's receipt of the notice of termination shall be

accepted by the Purchaser/Consignee following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser/Consignee may decide:

a) To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or
b) To cancel the remaining portion of the goods and services and compensate the supplier by paying an agreed amount for the cost incurred by the supplier towards the remaining portion of the goods and services.

28. Governing language

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

29. Notices

29.1 Notice, if any, relating to the contract given by one party to the other, shall be sent in writing or by cable or telex or facsimile and confirmed in writing. The procedure will also provide the sender of the notice, the proof of receipt of the notice by the receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.

29.2 The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

30. Resolution of disputes

30.1 If dispute or difference of any kind shall arise between the Purchaser/Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India or amendments thereof. In the case of a dispute or difference arising between the Purchaser/Consignee and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration of an officer in the Ministry of Law and Justice, appointed to be the arbitrator by the Director General (Health Services). The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakhs (Rs. 1,00,000/-)

30.3 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., New Delhi, India.

30.4 Jurisdiction of the court will be from the place where the tender enquiry document has been issued, i.e., New Delhi, India

31. Applicable Law

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

32 Withholding and Lien in respect of sums claimed

Whenever any claim for payment arises under the contract against the supplier the purchaser shall be entitled to withhold and also have a lien to retain such sum from the security deposit or sum of

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

33. General/ Miscellaneous Clauses

33.1 Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.

33.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.

33.3 The Supplier shall notify the Purchaser/Consignee /the Government of India of any material change would impact on performance of its obligations under this Contract.

33.4 Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Purchaser/Consignee/Government for performance of contract/services including that of its Associates/Sub Contractors under the Contract.

33.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser/Government of India against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.

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

33.7 All claims regarding indemnity shall survive the termination or expiry of the contract.

33.8 If any provisions of this tender enquiry or a contact formed on the basis of this tender enquiry are invalid or void under any of the existing provisions of Indian law, then such provisions will not affect other provisions of this tender enquiry/ contract.

SECTION – V

SPECIAL CONDITIONS OF CONTRACT (SCC)

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

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

The warranty and CMC period will be as mentioned in the list of requirement as per section VI of the tender enquiry.

SECTION - VI

LIST OF REQUIREMENTS

Part I

Sl. No.	Rfx No.	Item Description	Qty.	Warranty period in years	CMC period in years
1	3000002093	12 Channel ECG Machine	68	5	5
2	3000002094	Blood & Fluid Warmer	58	5	5
3	3000002095	Non-invasive ventilator	42	5	5
4	3000002096	High-end Monitor for ICU with CNS	1054	5	5
5	3000002097	Recovery ward modular Monitors	157	5	5
6	3000002098	Transport Monitor	21	5	5
7	3000002099	Ventilator-portable	62	5	5
8	3000002100	Anaesthesia Machine with Integrated Monitor & Ventilator	52	5	5
9	3000002101	Anesthesia Workstation with monitor (Mid End)	104	5	5
10	3000002102	Ventilator-High End (I.C.U)	542	5	5
11	3000002103	Blood Gas Analyser	62	5	5
12	3000002104	Boyls Anaesthesia Machine	3	5	5
13	3000002105	Deep Vien Thrombosis (DVT Pump)	30	5	5
14	3000002107	Video Lyrangoscope	10	5	5
15	3000002108	PCA Pump	10	5	5
16	3000002109	Patient Warming System	70	5	5
17	3000002110	Peripheral Nerve Stimulator	5	5	5
18	3000002111	Suction Machine	227	5	5
19	3000002112	Oxygen Concentrator	10	5	5
20	3000002113	Fibre optic Bronchoscope	11	5	5
21	3000002114	Defibrillator with CPR monitoring and TC pacing	43	5	5
22	3000002115	Defibrillator with ECG Monitor	198	5	5
23	3000002116	Infusion Pump (Volumetric)	660	5	5
24	3000002117	Multiparameter Monitor – 5 Para	844	5	5
25	3000002118	Pulse Oximeter	367	5	5
26	3000002120	Syringe Infusion Pump	1100	5	5
27	3000002121	Peidatric Fiber Optic Broncoscope	4	5	5

Part II: Required Delivery Schedule:

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

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

Installation and commissioning shall be done within 45 days of receipt of the stores/ goods at site or within 45 days of handing over the site for installation, whichever is later.

b) For Imported goods directly from foreign:

90 days from the date of opening of L/C. The date of delivery will be the date when the consignment reaches the port of destination. (Tenderers may quote the earliest delivery period).

Delivery of indigenous goods contracted along with the direct imported items shall be within the scheduled delivery period for imported goods.

Installation and commissioning shall be done within 45 days of receipt of the stores/ goods at site or within 45 days of handing over the site for installation, whichever is later.

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

Note:

i) The delivery schedule for different sites may be staggered based on the site readiness.
ii) Supplier has to submit clear documents for opening of LC to HITES within 21 days of placement of order. Any delay will be treated as non-performance and Liquidated Damages shall be levied.
iii) In case multiple LC are opened in favour of multiple manufacturers, the delivery period for all the items under the contract shall be counted from the date of opening of the first LC only.
iv) Indigenous goods or imported goods if supplied from India (offered in INR) which are linked with supply of directly imported goods, are to be supplied within the contractual delivery period as stated in para b) above.

Part III: Scope of Incidental Services:

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

Part IV:

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

Part V:

Warranty period as per details in general technical specification and as specified in Part I above. Warranty period will be 60 months from the date of installation, commissioning and acceptance or 66 months from the date of delivery, whichever is earlier.
Comprehensive Maintenance Contract (CMC) as per details in Technical Specification as specified in part I above

Part VI:

Required Terms of Delivery and Destination:

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

At Consignee Site(s)

b) For Imported goods directly from abroad:

The foreign tenderers are required to quote their rates on CIP Named Port of Destination Basis giving breakup of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP Named Port of Destination basis.
Insurance (local transportation and storage) would be extended and borne by the Supplier or its Indian Subsidiary/Agent from ware house to the consignee site for a period including 3 months beyond date of delivery.

Destination/Consignee details:

A list of Consignee is given in Section XXI. The goods mentioned at Part-I in this section are intended to be supplied to the following hospitals/medical institutes. However, order may be placed for any hospital/institute across India.

Section – VII
Technical Specifications

Item No 01:
12 Channel ECG Machine

Sl No	Description	
1	Twelve channel LCD display for all 12 leads along with on screen details .	
2	Recording for 12 channels simultaneously and have option for user selectable any lead as Rhythm lead. Can able to print ECG at A4 size paper.	
3	Recording speed selection of 5, 10, 25 & 50 mm/sec.	
4	Sensitivity of 2.5,5,10,20 mm /mV. It should also have AGC (Automatic Gain Control)	
5	Facility to enter patient information (Name, Age. Sex, Height, Weight, doctor's name, Hospital's name which get updated in system and is recorded on the recorder A4 paper	
6	Patient memory function, up to 30 patients.	
7	Waveforms can be recorded.	
8	Interpretation software.	
9	Mains and in built rechargeable battery backup atleast 2 hrs	
10	Should have USB port to send the data in the Computer.	
11	Equipment should be European CE with four digit notified body number or US FDA approved and certificate to be submitted.	
	BOQ	**Qty**
1	ECG Machine as per Specification with standard accessories	1 No
2	Interpretation software.	1No

Item No 02:
Blood and Fluid Warmer

Sl No	Description	
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 3L/hr.	
3	Should have digital temperature display of fluid.	
4	Alarms for disconnections, less water (if applicable) & over temp.	
5	Disposable tubing set for Fluid/Blood-100 Nos.	
6	Should have over temp, alarm test system.	
7	Should be useful for both in Adult & Paed. Patient.	
8	Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.	
9	It should be compatible with standard IV set commonly available in Indian market.	
	BOQ	**Qty**
1	Blood & Fluid Warmer with standard accessories	1 No
2	Disposable tubing set for Fluid/Blood	100

Item No 03:
Non-invasive ventilator

Sl No	Description	
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 600 msec	
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 220-240VAC, 50Hz 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	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist.	
	BOQ	**Qty**
1	Non-invasive ventilator with standard accessories	1 No
2	Masks with all sizes (Oral & Nasal)	2 sets each

Item No 04:
High-end Monitor for ICU with CNS

Sl No	Description
1	Advanced high end modular/New Modular patient monitor having integrated non-invasive, invasive measurement & features suitable for neonate, pediatrics & adult patients.
2	Monitor must have bright, highly visible minimum 15” or more color TFT display with full touch screen facility.
3	Monitor must have the facility to display min 8 waveform or more, along with related numerical parameters on single screen.
4	Monitors must be able to monitor ECG, SpO2, NIBP, Respiration, dual temp, dual IBP, modular ETCO2.
5	Monitor must be upgradable to connect for CO (Thermodilution), BIS/Entropy, Inbuilt NMT, four IBP, module. (Price to be quoted separately)
6	Monitor must have advanced arrhythmia detection and ST Analysis as standard feature.
7	System must have minimum 24 hours review data including graphical and tabular trends, arrhythmia event recalls, alarms. Full disclosure for user selectable waveform, hemo and lung trends.
8	Monitor must have the time linked review function. Monitor must show the waveforms

	for the time when the arrhythmia occurred in case of arrhythmia recall.
9	Monitor must have facility to display 12 lead ECG.
10	Monitor should have ST segment calculations
11	Must have inbuilt rechargeable battery for minimum 1 hour operation.
12	Must have facility to hook up with network printer, at any point of time and able to take print any review data (Trends, Graphs, waveform full disclosure, arrhythmia recall etc.)
13	Monitor must be able to connect to central monitoring station and should use single network for all kind of networking with the central station or other hospital information system (HIS).
14	All Monitors should be able to communicate with each other and can display other patient monitor data without the need of central monitor..
15	Monitor should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
16	Each monitor to be supplied with following:
a	3 and 5 Lead ECG cable 2 No. & 1 no
b	Adult, Pediatirc and neonate reusable SpO2 probe – 2 No. each(Ear lobe probes for neonates)
c	NIBP cuffs for Adult, Pediatrics and neonates – 2 no each (of different sizes)
d	Temp Probe – 2 Nos. (skin & esophageal one each)
e	IBP connection cable – 02 Nos.
f	IBP Disposable Pressure Transducers – 10 Nos
g	ETCO2 sample line: 10 nos (if applicable)
17	CNS of 19” LED to be provided with one laser printer and one 21” slave monitor.The cabling has to be done by bidder in the ICU One CNS with 16 monitors
18	EtCO2 values should be should shown on main monitor screen.
19	The monitor should have monitor to monitor over view facility and data transfer over the network
20	It should be possible to see data of other patient on the monitor in the same ICU and patients of other ICU’s or the monitor by LAN cabling. The cabling should be done by the bidder.

Sl No	**BOQ**	**Qty**
1	High-end Monitor for ICU without modules	1 No
2	Mounting Bracket	1 No
3	Module for ECG, SpO2, NIBP, Dual Temp, Resp (Combined or seperate)	1 No
4	Module for Two IBP	1 No
5	Module for ETCO2	1 No
6	CNS of 19” LED and one 21” slave monitor.with cabling in the ICU. One CNS with 16 monitors	1 No
7	CNS of 19” LED and one 21” slave monitor.with cabling in the ICU. One CNS with 8 monitors (optional)	1 No
8	laser printer	5 No
9	3 Lead ECG Cable	2 No
10	5 Lead ECG Cable	1 No
11	Adult SpO2 Probe	2 No
12	Pediatric SpO2 Probe	2 No
13	Neonate SpO2 Probe	2 No
14	NIBP Hose	2 No
15	NIBP Cuff (Adult)	5 No

16	NIBP Cuff (Pediatric)	5 No
17	NIBP Cuff (Neonate)	5 No
18	Extra Large NIBP Cuff	2 No
19	Temp Probe - skin & esophageal	1 each
20	IBP connection cable	2 No
21	IBP Disposable Pressure Transducers	10 No
22	ETCO2 sample line	10 No
23	Module for CO (Thermodilution)	1 No
24	BIS Electrode	10 no
25	Module for BIS/Entropy	1 No
26	Module for Inbuilt NMT	1 No

Item No 05:
Recovery ward modular Monitors

Sl No	Description
	Monitor should have the following –
1	Modular/New Modular monitor with Integrated non-invasive measurements & features suitable for Neonate, Pediatrics & Adult patients
2	Bright, highly visible minimum 12 " or more Colour TFT display with full touch screen facility.
3	Portable with weight less than 8 kgs including battery.
4	Facility of displaying minimum 4 or more waveform along with related numerical parameters on single screen.
5	Facility to monitor ECG, SpO2, NIBP, 2 IBP, Respiration, temperature and EtCO2.
6	Facility for enlarge numeric display to be visible from 10 feet distance. arrhythmia detection, ST- analysis .
7	Facility to monitor last min 48 Hours or more graphical and numerical trends having options to select the items to be displayed in NIBP trend table.
8	Internal rechargeable battery for 1 hours or more operation along with battery charge indicator
9	Event review facility including NIBP.
10	Review up to 24 hours files for the numeric data of alarm occurrences from the alarm history table.
11	Graded audio/visual alarm colour coding & should be visible from a distance.
12	ESU & Defibrillation protection.
13	Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
14	Should have inbuilt two channel recorder
15	CNS of 19" LED to be provided with one laser printer .The cabling has to be done by bidder in the HDU One CNS with 10 monitors **(Optional)**
16	Monitors should be supplied with accessories mentioned in BOQ.

Sl No	**BOQ**	**Qty**
1	Monitor without modules	1 No
2	2 channel recorder	1 No
3	Mounting Bracket	1 No

4	Module for ECG, SpO2, NIBP, Dual Temp, Resp (Combined or seperate)	1 No
5	Module for 2IBP	1 No
6	Module for ETCO2	1 No
7	5 Leads ECG cable	5 No
8	Reusable Spo2 probe adult	5 Nos
9	Reusable Spo2 probe pediatric	2 no
10	NIBP Hose	2 Nos
11	NIBP cuff for Adult & Pediatrics	5 No each
12	Core Temperature probe	2 nos
13	CNS of 19" LED to be provided with one laser printer .The cabling has to be done by bidder in the ICU One CNS with 10 monitors **(Optional)**	1 no

Item No 06:
Transport Monitor

Sl No	Description	
	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, SpO2., Two IBP 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:	
	One 3 lead ECG cable, Reusable SpO2(adult, paediatric ,neonate) sensor, NIBP cuffs (each for Adult ,child and neotate)	
15	It should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.	
16	Product should have Airworthiness RTCA DO-160 D, section 7,8,21 and Vibration standard MIL STD 810F, method 514.5 certifications. (Preferable)	
	BOQ	**Qty**
1	Monitor as per tender specification	1 No
2	2 channel recorder	1 No
3	3 Leads ECG cable	1 No
4	Reusable Spo2 probe adult	2 Nos
5	Reusable Spo2 probe pediatric	1 no
6	Reusable Spo2 probe neonatal	1 no
7	NIBP cuff for Adult ,child and neotate	1 No each

8	NIBP Hose	1 no
9	Temperature probe esophageal	1 no

Item No 07:
Ventilator-portable

Sl No	Description
1	**Description of Function**
1.1	The portable ventilator is used to transport a patient with artificial respiration support or home care of a patient after discharge from a hospital
2	**Operational Requirements**
2.1	The portable ventilator should be light weight (< 13 kg)
2.2	Should be microprocessor controlled, portable, light weight. Should operate with main electric supply as well as with battery. Should be able to work both with high pressure O2 (pipeline) and Inbuilt low pressure O2 source, connectors and high-pressure tubing of appropriate length to be supplied
3	**Technical Specifications**
3.1	Should have turbine/ venturi/jet mixing/piston- technology for supplying air oxygen Mixture
3.2	Should have following modes of ventilation: CMV, Assist-contol, SIMV, PSPEEP, NIV
3.3	Audio-visual alarms for
a	Low supply pressure
b	High/low airway pressure
c	Leakage/disconnection
d	Power failure
e	Apnea
f	Low battery
3.4	Should have following settings
a	TV 50 – 1500ml
b	PEEP/CPAP- 0-25cm H2O
c	PS- 0-30cm H2O
d	RR up to 40bpm
e	I: E ratio 1:3 to 2:1
f	FiO2 21 – 100%
3.5	Battery backup for minimum 3 - 6 hours.
3.6	Should fix, on rails of transport trolley and on stand with wheels
4	**System Configuration Accessories, spares and consumables**
4.1	Portable Ventilator-01
4.2	Adult Reusable /Autoclavable Silicon Patient Circuit-02
4.3	Paediatric Reusable/Autoclavable Silicone Patient Circuit-01
4.4	Oxygen Hose-01
4.5	Air Hose-01
4.6	Rechargeable Batteries- 01 set
4.7	NIV mask - 01

5	**Environmental factors**
5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -500 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
7	**Standards, Safety and Training**
7.1	Product Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
7.2	Manufacturer should have ISO certification for quality standards.
7.3	Product should have Airworthiness RTCA DO-160 D, section 7,8,21 and Vibration standard MIL STD 810F, method 514.5 certifications. (Preferable)
8	***Documentation***
8.1	User Manual in English
8.2	Service manual in English
8.3	Certificate of calibration and inspection from factory.
8.4	List of important spare parts and accessories with their part number and costing
8.5	Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist.

	BOQ	**Qty**
1	Portable Ventilator	1 no
2	Adult Reusable /Autoclavable Silicon Patient Circuit	1 no
3	Paediatric Reusable/Autoclavable Silicone Patient Circuit	1 no
4	Disposable Patient circuit (Adult & Paediatric)	10 nos each
5	Oxygen Hose	1 no
6	Air Hose	1 no
7	Rechargeable Batteries	1 no
8	NIV mask	1 no

Item No 08:
Anaesthesia Machine with Integrated Monitor & Ventilator (High End)

Sl No	Description
	I. The Anaesthesia Machine should have the following:
1	Should have pipelines attachment for oxygen, nitrous oxide and compressed air.
2	Should have yoke assembly for oxygen and nitrous oxide with pin index system.
3	Durable main switch to put the machine in the on or off position.
4	There should be digital control and display for oxygen & electronic gas mixing.
5	Should have safety features like :
a	Should provide 25% or more of oxygen when an anaesthetic gaseous mixture is in used.
b	Should be provided with “pneumatic/ electronic” hypoxic guard.
c	Should have extra flow meters for oxygen only.
6	Should have oxygen flush with a flow rate of more than 35L/min.
7	It should have alternate O2 supply mode in case electronic gas mixture failure

8	Should be able to hold two seletatec vaporizers (Isoflurane, Sevoflurane & Desflurane) simultaneously. Vapourizers should be maintenance free. **Cost of all vaporizers to be quoted separately**. Any two vaporizers will be supplied as standard. The anesthesia machine should provide desflurane compensation.
9	Co2 absorber system with the following features :-
	a. Single/Double canister
	b. Autoclavable
	c. Canister capacity of 0.8 kg or more.
	d. It should be possible to bypass the canister if removed during clinical cases to change sodalime.
10	APL valve assembly and Bag mount should be conveniently placed.
11	Independent port for open circuit.
12	Should be provided with one or more drawers.
13	Machine should have a good quality handle and castors to move the
	machine with locking system.
14	The ventilator of the machine should have the following features:-
	a. Should be electronically controlled.
	b. Should be suitable for both pediatric , adult and new born.
	c. It should have coloured screen.
	d. Volume and pressure control mode of ventilations.
	e. Electronic peep
	f. Both SIMV and pressure support mode.
	g. Tidal volume range from 20ml to 1200 ml or more
	h. Respiratory rate from 4 to 80 or more
	i. I:E ratio
	j. Display : Respiratory rate, peak airway pressure and PEEP
	k. There should be no collection of water in the breathing system.
15	Should have independent paramagnetic/Galvanic oxygen sensor for FiO2 monitor and flow sensor for spirometry. (Both the sensor should be covered under warranty & CMC)
16	The work station should be capable of delivery of low and minimal flow anaesthesia.
17	Should be able to display
	a. Pressure Vs time
	b. Volume /Flow Vs time
18	Should have battery backup of atleast 60 minutes
20	Bidder must ensure regular supply of medical grade Sodalime with rate quoted separately.
	II. The Monitor should have the following:
1	A modular configurable patient monitor
2	Should have atleast 15” or more TFT colour display with up to 10 waveforms at a time
3	Should be touch screen
4	Should be able to measure the following parameters:
	a. 3 and 5 lead ECG with electrocautery & defibrillator filter with ST Segment & arrhythmia detection with analysis,
	b. Respiration , SpO2 , temperature
	c. NIBP, 2 IBP , ETCO2

	d. Multi –Gas analysis with auto detection of all anesthetic agents	
	e. Integrated BIS/entropy Monitoring.	
	f. Upgradable to cardiac output (thermodilution) monitoring. **(price to be quoted separately)**	
	g. Integrated modular NMT monitor parameter display on the main monitor **(price to be quoted separately)**	
5	Should be able to automatically detect and calculate MAC of all anaesthetic gases.	
6	Should be able to calculate and display FiO2.	
7	Intelligent cooling system to keeps the unit running quiet during use.	
8	Separate indicator lights for technical and physiological alarms.	
9	Maximum BEEP tone should be loud enough to be audible from atleast a distance of 12 feet	
10	Should have graded audio and visual alarms for the following parameters:	
	a. Blood pressure - High and Low	
	b. SpO2 - High and Low	
	c. Heart rate - High and Low	
	d. Respiration - High and Low	
	e. FiO2 - High and Low	
11	Trends – Upto 48 Hours or more, trend analysis, upto 24 hours full disclosure.	
12	Inbuilt Battery Back- up – 1 hour or more.	
13	Display of Anaesthesia ventilator data like wave forms for flow, pressure, agent and loops, and trends on patient monitors.	
14	The quoted model (Both Anaesthesia and Monitor) should be European CE with four digit notified body number or US FDA approved and certificate to be submitted.	
15	System should have Anaesthesia Charting facility. (**Optional, price to be quoted separately)**	
16	The machine should be supplied with the following accessories:	
	a. ECG Cable – 2 nos	
	b. Reusable SpO2 Sensors: 5 each for Adult, Pediatric & Neonatal.	
	c. NIBP Cuff: 5 each for Adult, Pediatric & Neonatal.	
	d. IBP Transducers: Disposable 10 nos.	
	e. IBP Cable: 5 nos	
	f. BIS/Entropy Electrode: 10 nos	
	g. ETCO2 Sample Line: 10 nos	
	h. Reusable autoclavable Breathing circuit: 2 nos each for Adult & pediatric	
III.	Anaesthesia machine with ventilator, Anaesthesia charting and patient monitor should be from same manufacturer.	
Sl.No	**BOQ**	**Qty**
1	Anaesthesia Machine with Integrated ventilator without vaporizer	1 No
2	Isoflurane vaporizer	1 No
3	Sevoflurane vaporizer	1 No
4	Desflurane vaporizer	1 No
5	Monitor without modules	1 No
6	Module for ECG, SpO2, NIBP, Dual Temp, Resp (Combined or seperate)	1 No
7	Module for Two IBP	1 No
8	Module for ETCO2	1 No

9	Module for BIS/Entropy	1 No
10	Module for CO (Thermodilution)	1 No
11	Module for Inbuilt NMT	1 No
13	Anaesthesia Charting (**Optional)**	1 No
14	ECG Cable	2 No
15	Reusable SpO2 Sensors: for Adult, Pediatric & Neonatal.	5 No each
16	NIBP Cuff: for Adult, Pediatric & Neonatal.	5 N0 each
17	NIBP Hose	2 No
18	IBP Transducers: Disposable	10 No
19	IBP Cable:	5 No
20	BIS/Entropy Electrode	10 No
21	ETCO2 Sample Line:	10 No
22	Reusable autoclavable Breathing circuit: for Adult & pediatric	2 No
23	Sodalime per kg (**Optional)**	1 kg

Item No 09:
Anesthesia Workstation with monitor (Mid End)

Sl No	Description
1	Compact and modular, three gas Anesthesia workstation with an integrated ventilator for adult to infants and integrated airway monitor for airway pressures and volume.
2	The Machine should be suitable for low and minimal flow anesthesia application with compliance compensation of breathing circuit, fresh gas flow compensation/ decoupling.
3	Anesthesia machine should have minimum 60 min. battery backup.
4	Anesthesia workstation should be European CE with a four digit notified body number/US FDA certified and certificate to be submitted.
5	**Gas Delivery System**
a	Should have pin index yokes one for oxygen and one nitrous oxide besides separate connection for central gas supply for oxygen, nitrous oxide and air.
b	The machine should have pressure gauges for cylinders and central supply lines visible from the front of anesthesia machine. The gas connections should be non-interchangeable.
c	Automatic cutoff of N2O / oxygen pressure failure.
d	Hypoxic guard for liner regulation of minimum oxygen concentration at 25% volume and must ensure a minimum oxygen flow of 200ml at low fresh gas flow setting even below total 500 ml fresh gas flow.
e	Audio-visual oxygen failure alarm.
f	Emergency oxygen flush at 30-70L/min bypassing the vaporizer
g	Should have O2 monitoring with paramagnetic/Galvanic fuel cell technology and should be covered under warranty for 5years and thereafter under CMC. Anaethesia gas monitoring (N2O, CO2, MAC) with Anesthesia Agent
h	Should have Auxiliary O2 flow meter.
6	**Flow meter**
a	Dual cascade type flow meter tubes for oxygen and N2O. Range 100ml /min to 10lit/min.

b	Calibrated in multiple scales. Single tube for air 100 ml to 14L/min
7	**Vaporizer**
a	Machine should have facility to mount two quick mount type selectatec vaporizer for easy
b	interchangeability and safety
c	Should be provided with a temperature / pressure compensated and flow independent vaporizer for Isoflourane, Sevoflourane.
d	Vaporizer should have extended delivery range with standard marking.
e	The vaporizer design should be with one time life time calibrated.
8	**Breathing System**
a	Should have semi closed circle absorber system
b	Should have adjustable pressure relief valve from 5 to 60m bar.
c	Should have change over from spontaneous to Bag ventilation with single step.
d	Should have an external fresh gas outlet for connecting Magill or Bain's circuit.
9	**Anesthesia Ventilator**
a	Electronically controlled electrically driven / pneumatically driven ventilator
b	Should not require changing of bellows for adult & infants.
c	Modes: Volume controlled, manual / spont, pressure controlled mode, pressure support, SIMV
d	Tidal volume : 20 ~ 1400ml
e	PEEP : 3 ~ 20m bar
f	Breathing Frequency : 4 to 60 BPM
g	IE Ratio : 2:1 to 1:3
h	Inspiratory pause : 0 – 50% of Ti
i	Flow : 1 to 60 L/min.
j	Pressure limiting (Pmax) : 15 – 70 cm H2O
k	Should automatically compensate for compliance of breathing system
10	**Airway Monitoring**
a	**I**ntegrated monitor (color display/EL) for electronic monitoring and display of following set and measured values
b	Expiratory Tidal Volume, Expiratory Minute volume, PEEP, Peak and Mean and Plateau
c	airway pressure, Frequency, Waveform and loop display for Airway pressure, flow and volume.
11	**Alarm limits an alarms**
a	Adjustable high / low limits with audio and visual alarms for the following:-
b	Minute volume, airway pressure (incl stenosis and disconnect), Insp oxygen concentration,audio power supply fail alarm, Fail to cycle warning, low driving gas pressure, low battery Apnoea alarm
12	**Machine should have RS 232 connectivity port.**
13	**Monitor**
a	Should be suitable for adult, paediatric and neonatal patients monitoring
b	Should have minimum 6 channels of waveforms with minimum 12" color touch screen display with vertical and horizontal cursors.
c	Battery backup for 60 minutes should be provided through internal batteries or UPS
d	Should have automatic graphic and tabular trending of all monitored parameters as standard for at least 24 hours.
e	Should have minimum ECG, NIBP, SpO2 (masimo/Nellcor technology), 2 IBPs, 2 Temp., EtCO2 monitoring side stream/Microstream based.(Price to be quoted separately for ETCO2)

f	Should have ST segment analysis and arrhythmia detection including life threatening arrhythmias such as V. TACH, ASYST, V. FIB as standard features.
g	Should have manual as well as automatic scaling of screen format.
h	Should heave user selectable parameter priority and colour selection for parameter on screen.
i	Anaesthesia depth monitoring by BIS (Price to be quoted separately)
14	It should have US FDA and/or European CE with a four digit notified body number.(Both Anaesthesia machine and monitor)
15	Anaesthesia machine with ventilator and patient monitor should be from same manufacturer.
16	**Scope for supply with each machine:-**
a	3 gas anesthesia machine
b	Writing surface
c	Pin Index yokes for O2 and N2O
d	Pipe line connections for all three gases
e	Ventilator and monitor
f	Semi-closed breathing system
g	Adult & Paediatric autoclavable patient tubing (Silicon) - 2 each
h	Vaporizer for Isoflourance, Sevoflourance.
i	Central gas supply hoses (color coded)
j	5 lead ECG cable – 2 Nos.
k	SpO2 finger sensor with extension cable (adult) – 2 Nos.
l	SpO2 finger sensor with extension cable (Paeds) – 2 Nos.
m	SpO2 finger sensor with extension cable (Infant) – 2 Nos.
n	Skin Temperature probe – 1 Nos per monitor
o	Rectal / Esophageal temperature probe – 1 Nos
p	NIBP Hose – 2 Nos
q	Adult, Paeds and Infant cuffs – 2 each
r	Large Adult cuff – 2 Nos
s	IBP reusable cable for 2 IBP and 10 Pcs disposable transducers per monitor
t	Sample lines for EtCO2 – 10Nos.(Price to be quoted separately)
u	Instruction for use
v	BIS (complete) – 10 Nos. .(Price to be quoted separately)

Sl.No	BOQ	Qty
1	Anaesthesia Machine with Integrated ventilator without vaporizer	1 No
2	Isoflurane vaporizer	1 No
3	Sevoflurane vaporizer	1 No
4	Monitor without modules	1 No
5	Module for ECG, SpO2, NIBP, Dual Temp, Resp (Combined or seperate)	1 No
6	Module for 2IBP	1 No
7	Module for ETCO2	1 No
8	Module for BIS	1 No
10	Adult & Paediatric autoclavable patient tubing (Silicon) -	2 each
11	Vaporizer for Isoflourance, Sevoflourance.	1 each
12	5 lead ECG cable	2
13	SpO2 finger sensor with extension cable (adult)	2
14	SpO2 finger sensor with extension cable (Paeds)	2

15	SpO2 finger sensor with extension cable (Infant)	2
16	Skin Temperature probe	1
17	Rectal / Esophageal temperature probe	1
18	NIBP Hose	2
19	Adult, Paeds and Infant cuffs	2
20	Large Adult cuff	2
21	IBP reusable cable for 2 IBP	2
22	Disposable IBP transducers	10
23	Sample lines for EtCO2	10
24	BIS Sensor	10

Item No 10:
Ventilator-High End (I.C.U)

SL No	Description
1	Should be touch screen.
2	Screen should be minimum of 12” inch or more and integrated single screen.
3	Compressed air / oxygen driven.
4	Should have the following modes.
	a. Volume and Pressure Controlled modes
	b. SIMV (Pressure controlled and volume controlled) with pressure support
	c. Spontaneous modes like CPAP / PEEP
	d. Inverse Ratio ventilation
	e. Advanced/Intelligent mode like Pressure Regulated volume control, Closed loop Adaptive ventilation mode.
	f. Airway Pressure Release ventilation
	g. Non-invasive ventilation.
5	Should have the facility for following settings:
	a. Tidal Volume: Minimum 5ml or less and maximum of 1500 ml or more in Volume control
	b. PEEP upto 30 cmH2O or more
	c. Pressure support upto 35 cmH2O
	d. Flow Pattern: Square, Decelerating
	e. Respiratory Rate upto 80 bpm or more
	f. Inspiratory Plaetau upto 60% of Inspiratory time
	g. SIMV Rate upto 60 cycles/min
	h. FlO2: 21% - 100%
	i. Inspiratory flow and pressure Trigger Sensitivity
	j. Manual Cycle, Inspiratory Pause, Expiratory Pause .
6	Should be able to monitor and measure the following parameters
	a. Tidal Volume
	b. Plaetau
	c. Mean Airway Pressure
	d. Peak Airway Pressure
	e. Intrinsic PEEP
	f. RSBI (Rapid Shallow Breathing Index)

	g. Resistance and Compliance
7	In-line Nebuliser with capability of producing < 3 micron drug particle.
8	Should have the facility to find (Lower inflection point) and UIP (Upper Inflection Point)
9	Compiled trend analysis at least for 24 hours for all measured parameters.
10	Should have the facility to record multiple loops for comparison
11	Should have facility to measure:
	a. Pressure / Volume loops
	b. Flow/ volume loops
12	Should display minimum 2 curves/graphs /loops simultaneously on the screen
	a. Should have audio-visual alarms for the following parameters:
	b. Peak inspiratory pressure – High & Low
	c. FiO2 – high & low
	d. Respiratory rate – high & low
	e. Tidal volume – high & low
	f. Minute volume – high & low
	g. Apnea
	h. Gas supply failure
13	Should have battery back up atleast for 1 hour.
14	Event log: 1000 Alarm History.
16	Spares should be available for 10 years.
17	Should be supplied with 2 nos Reusable Silicon adult the 1 no Pediatrics tubing's and imported servo controlled humidifier.
18	Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
19	Ventilator should have external compressor, from the same manufacturer **(Price to be quoted separately).**
20	Expiratory valve/cassette should be autoclavable and supply 2 nos with each unit.
21	Oxygen sensor should be paramagnetic/ultrasonic/Galvanic and covered under warranty & CMC and will be supplied free of cost during warranty and CMC period.
22	Should provide ET-tube leak compensation .
23	Compressor should be US-FDA or European CE approved.
24	Compressor, hinged arm and ventilator trolley should be from the same manufacturer.

Sl.No	**BOQ**	**Qty**
1	Ventilator-High End (I.C.U) as per specification	1 No
2	Nebulizer	1 No
3	Imported Humidifier	1 No
4	Mobile Trolley	1 No
5	Expiratory valve/cassette	2 No
6	Reusable Silicon adult patient circuit with filter	2 No
7	Reusable Silicon pediatric patient circuit with filter	1 No
8	External compressor	1 No
9	Hinged Arm	1 No

Item No 11:
Blood Gas Analyser (ABG Machine)

Sl No	Description	
1	Fully automatic, upgradeable, fast electrolyte & Blood gas analyzer.	
2	**Essential Measured parameters; pH, pCO2, pO2, SaO2 with co-oximetry, tHb, Lactates/Glucose, Na+, K+, Ca++, Cl-. All these parameters should be measured simultaneously.**	
3	Calculated parameters should include BE, BE ecf, HCO3, Anion Gap etc.	
4	Sample volume-less than **150 micro litre**	
5	Fast analysis time – less than 60 sec.	
6	Maintenance free electrodes with individual electrodes ON/OFF facility.	
7	Fully automatic liquid calibration of all parameters at user-defined intervals without the use of Gas calibrated reagents, external gases, tanks or regulators.	
8	Continuous reagent level monitoring with graphic display.	
9	Data display on well-illuminated, adequate size screen display.	
10	Data print out on built in thermal printer	
11	Built in auto Quality control facility.	
12	Suitable UPS with at least 30 min backup.	
13	Cost of reagents/Cartridge(including electrode if applicable) to be quoted for comparative evaluation.Reagents for two year and extendables for another three years @ at least 20 samples/day for all tests should be quoted and it will be taken for price comparison.	
14	Stand by blood gas cum electrolyte analyzer in case of breakdown.	
15	Should have local service facility	
16	Guarantee to supply spares for minimum 10 years	
17	It must be UF-FDA /European CE with four digit notified body number approved and certificate to be submitted.	
18	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.	
	BOQ	**Qty**
1	ABG Machine as per specification	1 No.
2	Reagents/Cartridges per samples for all tests for first two years (365X20X2)	14600 samples
3	Reagents/Cartridges per samples for all tests for next three years (365X20X3)	21900 samples

Item No 12:
Boyles Apparatus

Sl No	Description
1	Anaesthesia system should be high end three gas system with three gas Oxygen, Nitrous Oxide and Medical Air with double scale flowmeter for O2 & N2O.
2	System should have at least two drawer.
3	Pipeline, cylinder and Airway pressures should all be displayed on colour coded gauges and be visible at all times during operation.
4	Should have provision to attach 2 cylinders 1 each for O2 and N2O.

5	Should have unlockable Oxygen flush to deliver oxygen flow of approximately 40l/min.	
6	Should have built in safety features like O2 failure alarm, N2O cutoff, Low O2 pressure etc.,	
7	The unit shall have a hypoxic guard system to control the ratio of Oxygen and Nitrous oxide to ensure a minimum of 25% of oxygen delivery at all times to avoid delivery of hypoxic mixture.	
8	The unit should have an independent measurement and display of fresh gas flow offering safety for low and minimal flow anaesthesia.	
9	The unit should accommodate two vaporizers for anesthetic agent delivery to allow easy selection of agent to be used.	
10	Vaporiser should be selectatec type, tool free installation and vaporiser of our choice can be mounted at will with interlocking facility to allow operation of only one vaporiser at one time.	
11	Should provide Isoflurane key filled vaporisers.	
12	All parts of the breathing system that are in contact with patient gas should be latex free and canister and bellow should be autoclavable.	
13	Breathing system should have C02 Absorber.	
14	Should have bag / vent selecting valve integrated onto the absorber and should automatically turn on the ventilator when positioned to vent mode.	
15	Should have ventilation mode of CMV & CPAP	
	BOQ	**Qty**
1	Boyls Apparatus as per specification with standard accessories.	1 No

Item No 13:
Deep Vien Thrombosis (DVT Pump)

Sl No	Description	
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 **(Price should be quoted seperately and 50 nos each will be taken for ranking purpose)**	
4	No DVT sleeves should be required below cuffs.	
5	Should deliver constant pre-set pressure ranges – Distal 52 pulse mince 10 % mmHg	
6	Pro 45 pulse mince 10 % mmHg	
7	Alarm present	
8	Visual indicators for pressures and time present	
9	Portable, can be mounted on the bed.	
10	I.S.O. certificate	
11	Battery backup at least 4 hours.	
12	US-FDA/ European CE approved product.	
	BOQ	**Qty**
1	DVT Pump AS PER Specification	1 No
2	Cuffs of universal size: Calf, thigh , foot	6 Each

Item No 14:
Video-Laryngoscope

Sl No	Description
1	Screen size should be 2.4” or more with color display

2	Light source: LED	
3	Camera: CCD or CMOS	
4	Blade size: 2, 3, 4 and D blade – 1 no. each size should be quoted.	
5	ET tube insertion dia: 6mm-8mm	
6	Operates either on rechargeable lithium battery or on AAA batteries	
7	Offered model should be European CE or USFDA approved.	
	BOQ	**Qty**
1	Video Lyrangoscope as per specification	1 No
2	Blade size: 2, 3, 4 and D blade	1 No each

Item No 15:
Patient Controlled Analgesia Pump (PCA)

Sl No	Description	
1	Must provide various modes like Bolus, Bolus + set rate; Bolus + Time limited rate ; Bolus + Triggered rate , Bolus + decreasing rate	
2	Protected & differentiated access through electronic key .Mechanical key lock for safety against misuse	
3	LCD screen for display of menu & Protocols	
4	Automatic detection of syringe size & proper syringe fixing. Must provide alarm for wrong loading of syringe (flanges out of slot ; disengaged plunger etc.).	
5	Display of Drug Names with a provision of memorizing 10 ~ 15 names by the operator shall be preferred.	
6	Pump must display monitored pumping pressure digitally as well as graphically(dial gauge) for instant & easy to read pumping pressure in syringe system.	
7	Selectable Occlusion pressure trigger levels from 100 mmHg to 900 mmHg.	
8	Anti bolus system to reduce pressure on sudden release of bolus.	
9	Should have comprehensive alarm package including Occlusion pressure pre-alarm & alarm, End of infusion pre-alarm and alarm, Volume limit pre-alarm & alarm, KVO rate, Low battery pre-alarm and alarm, Line disconnection alarm, Syringe barrel & clasp check, Plunger detection, maintenance reminder alarm etc.	
10	Battery back should be for about 6 ~ 7 hr at 5ml/hr for 50ml syringes with a provision to display residual battery life in hours and minutes.	
11	Should meet the international safety standards US-FDA/ CE Certification	
SN	**BOQ**	**Qty**
1.	PATIENT CONTROLLED ANALGESIA PUMP(PCA)	1 No.

Item No 16:
Patient Warming system

Sl No	Description
I	**Technical Specification**
1	Should have the facility for Forced Air warming.
2	Should have Two Air flow setting for the air flow 48cfm / 49.9cfm/32cfm for adult and infant patient in same machine.
3	Should have single Hose for all type/Size of Blankets.

4	Should have at-least 3 temperature control sensor	
5	Should have over temperature sensor.	
6	Should have Digital Hour Meter	
7	Should have microprocessor control system to allow a multi-staged Heater.	
8	Three heater elements to eliminate flicker of OR lighting.	
9	Should have Temp. Range – Ambient to 43°C ± 1.5°C Max.	
10	Should have High Efficiency Air Filter of 0.3 Micro size or better.	
11	The weight of Equipment should be less than 8.0 kg.	
12	Should distribute even temperature across the blankets and patient.	
13	Blanket should not be more than 160 gm. weight.	
14	Should have safe warming avoids tissue damaging.	
15	Should ensure even temperature from head to toe.	
16	The equipment should have easy attachment to IV pole, Bedrail or Freestanding.	
17	Meet Regulatory standard for leakage current.	
18	Offered model should be USFDA or European CE with four digit notified body number approved	
II	**Accessories**	
1	Adult Full Body Blankets: 10	
2	Paediatric Full Body Blankets 5	
3	Adult Under-Body Blanket 10	
4	Paediatric Under-Body Blankets 5	
5	Large Paediatric Under-Body Blankets 5	
SN	**BOQ**	**Qty**
1	Patient Warming system as specified	1 No
2	Adult Full Body Blankets	10 No
3	Paediatric Full Body Blankets	5 No
4	Adult Under-Body Blanket	10 No
5	Paediatric Under-Body Blankets	5 No
6	Large Paediatric Under-Body Blankets	5 No

Item No 17:
Peripheral Nerve Stimulator

Sl No	Description
1	Should be suitable to identify peripheral nerves and giving percutaneous stimulation in neuron muscular block.
2	Should have a percutaneous monopolar/ bipolar stimulating handle for localization of nerves without puncturing the nerve which should be autoclavable.
3	Stimulation current:1-5 mA
4	Stimulation voltage: 95 V max
5	Stimulation frequency: 1 Hz / 2 Hz
6	Impedance measuring range: 1 kΩ – 90 kΩ for target stimulation current > 0.5 mA
7	Stimulus duration: 0.05 ms – 0.10 ms – 0.30 ms – 0.50 ms – 1.00 ms ±1%
8	Weight: 300gm or less
9	Should continuously measure & display actual current passing through the patient and selected current.

10	Should have pause function to interrupt stimulation without delivering impulses test function	
11	Should automatically switch off with a acoustic warning if not operated more than 10 minutes .	
12	Should have LCD display for stimulation current/voltage.	
13	Machine should be USFDA/European CE with four digit notified body number certified	
	Should be supplied complete with	
	Plexus Cannula with Thin polymer insulation coating (Teflon coating not desirable) of Length 50mm, 100mm and 150mm – 10 nos. each	
	BOQ	**Qty**
1	Nerve Stimulator as per specification	1 No
2	Plexus Cannula with Thin polymer insulation coating (Teflon coating not desirable) of Length 50mm	10 No
3	Plexus Cannula with Thin polymer insulation coating (Teflon coating not desirable) of Length 100mm	10 No
4	Plexus Cannula with Thin polymer insulation coating (Teflon coating not desirable) of Length 150mm	10 No
5	Needles for continuous plexus block of different sizes	Total 10 No

Item No 18:
Suction Machine (High Vacuum)

Sl No	Description	
1	High vacuum suction unit, run on electricity with two section jars of 4-5 liters capacity each. If one jar filled, it should be automatically connect to other jar.	
2	Auto cut off 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 maneuverable fitted on a mobile trolley.	
8	One plastic suction jar cover, steam sterilizable 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	Manufacturer should have ISO 13485 certification.	
11	The firm should clearly indicate in the technical bid itself that the prices of all standard accessories are included in the quoted price.	
12	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.	
	BOQ	**Qty**
1	Suction Machine as per specification	1 No
2	Mobile Trolley	1 No
3	Suction Jar	4 No

Item No 19:
Oxygen Concentrator

Sl No	Description	
	To concentrate oxygen (O2) from ambient air and deliver the concentrated O2, typically through an attached nasal cannula, to a patient requiring oxygen therapy.	
1	Flow rate: 0~5 LPM, purity > 93%.	
2	O2 delivery pressure: 0.03 to 0.07 Mpa (4.35 - 10.15 PSI).	
3	Atomising pellet (ml/min.) > 0.5, uninterrupted low of oxygen.	
4	Oxygen monitoring system (optional).	
5	Low pressure alarm, high pressure alarm and power failure alarm.	
6	**Unit capable for supplying oxygen to two outlets simultaneously using two independent flow meters.**	
7	Should be capable of providing minimum 12 hours of continuous operation.	
8	**Dimensions (metric) should be less than Max spec limit: 640 mm (H) x 410 mm (W) x 410 mm (D).**	
9	Max 30 kg.	
10	Noise (in dBa) <50 db	
11	Heat dissipated using an internal exhaust, so that a maximum of 36.5 degree C is maintained.	
12	power requirements -230 +/- 10% VAC, 50 Hz, 2 amps.	
13	power consumption <500 Watts	
14	Humidifier Bottles-4nos, power cord-1no.	
15	Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.	
16	Availability of 5 amp/15 Amp. Electrical socket (2 nos) for each warmer.	
17	User/Technical/Maintenance manuals to be supplied in English.	
	BOQ	**Qty**
1	Oxygen Concentrator as per specification	1 No
2	Humidifier Bottle	4 No
3	Power Cord	1 No

Item No 20:
Fibre optic Bronchoscope

Sl No	Description
	Video Bronchoscope
	The flexible Fiberoptic Bronchoscope should be supplied complete with light source and trolley and minimum 15” LCD Monitor
	Adult Scope:
1	Field of View should be 120 degree or more
2	Depth of field should be 3 – 50 mm or better
3	Distal end diameter should be 5 mm or less
4	Insertion tube diameter should be 5 mm or less
5	Channel diameter should be 2.0 mm or more
6	Working length should be 600 mm or more
7	Total length should be 850 mm or more
8	UP and DOWN Angulations should be 180 degree and 130 degree or better

9	Can be fully immersed in disinfectant solution and water
10	Should be European CE with 4 digit notified body number/US FDA approved.
	Paediatric Scope:
1	Field of View should be 120 degree or more
2	Depth of field should be 3 – 50 mm or better
3	Distal end diameter should be 2.4 mm or less for adult
4	Insertion tube diameter should be 2.4 mm or less
5	Channel diameter should be 1.2 mm or more
6	Should be light weight and easy to use
7	Working length should be 600 mm or more
8	Total length should be 850 mm or more
9	UP and DOWN Angulations should be 180 degree and 120 degree or better
10	Can be fully immersed in disinfectant solution and water
11	Should be European CE with 4 digit notified body number/US FDA approved.
	Neonate Scope: (Optional)
	Video Processor & Light source
1	Outputs - RGB, Y/C, VBS Composite, XGA & DV simultaneous
2	It should have structure and edge enhancement option for better image quality
3	It should have various iris control option for better light distribution
4	Unit should be compact and light weight.
5	Light source - Combined or separate LED with emergency backup facility.
6	Air pump - Inbuilt air pump with minimum two variable air flow control.
7	Lamp can be turned on/off without turning off the equipment.
8	Electronic magnification up to 1.5X by a touch of scope remote switches
9	One spare LED Lamp should be supplied.
10	Should be European CE with 4 digit notified body number/US FDA approved.
	Monitor
	15 inches or more LCD/LED HD Monitor of Medical Grade. It should be mountable on trolley.
	Computer with Software
	Should be supplied with suitable computer system with facility for recording images and video.
	Trolley
	Suitable Trolley to mount monitor, scopes, light source and all accessories.

Sl NO	BOQ	Qty
1	Flexible Fiberoptic Bronchoscope Adult	1 No
2	Flexible Fiberoptic Bronchoscope Paediatric	1 No
3	Flexible Fiberoptic Bronchoscope Neonatal (Optional)	1 No
4	Monitor HD	1 No
5	Video Processing System with Computer	1 No
6	Light Source, LED	1 No
7	Trolley	1 No
8	Spare LED bulb	1 No
9	Reusable and autoclavable biopsy forceps	2 No
10	Cleaning/maintenance kit including container for diinfectant	1 Set

	solution	
11	Brush Biopsy (Protected)	10 pieces.
12	Foreign body forceps basket type (Optional)	2 No

Item No 21:
Defibrillator with CPR monitoring and TC pacing

Sl No	Description	
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	
3	Screen size minimum 6 inches diagonal	
4	It should display of both selected and delivered energy	
5	It should have ability to energy selection from Paddles or Unit.	
6	In manual mode the unit should provide energy selection at (1-10, 15, 20, 30, 50,70,85,100,150,200) joules and AED mode of upto 150 Joules.	
7	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.	
8	The unit should have transcutaneous external pacing with 40 milli-second pulse width	
9	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.	
10	It should have ability to filter out CPR artifacts and allowing person to see organized rhythms without interrupting chest compression	
11	The defibrillator should have facility to monitor following parameters	
	a. ETCO2	
	b. ECG	
	c. SpO2 (Optional)	
	d. NIBP (Optional)	
12	Should have optional capability of internal defibrillation if and when required.	
13	Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.	
14	In addition to standard accessories following items have to be supplied with unit	
	Li-Ion smart battery – 1 No	
	Reusable airway adapter to be used with ETCO2 sensor & cable-1 No	
	Multi Function Defibrillator/Pacing padz- 10 No	
	Reusable CPR feedback sensor/ or similar product reused at least on 90 patients-2 No	
	BOQ	
1	Defibrillator with CPR monitoring and TC pacing	1 No
2	Paddles Adult/Paediatric (pair)	1 No
3	ECG Cable with electrodes	1 Set
4	ETCO2 Module	1 No
5	SpO2 Module (Optional)	
6	NIBP Module (Optional)	
7	Reusable airway adapter to be used with ETCO2 sensor & cable	1No
8	Li-Ion smart battery	1 No
9	Multi Function Defibrillator/Pacing padz (Disposable)	10 No
10	Reusable CPR feedback sensor/ or similar product reused at least on	2 No

	90 patients	
11	ECG Rolls	10 No

Item No 22:
Defibrillator with ECG Monitor

SL No	Description
1	**Description of Function**
1.1	Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks with facility for monitoring vital parameters.
2	**Operational Requirements**
2.1	Defibrillator should be Bi- Phasic, light weight and latest model
2.2	Should monitor vital parameters and display them
2.3	Should print the ECG on thermal recorders.
2.4	Should work on both Manual mode upto 200J or more and Automated external defibrillation (AED) mode up to 150 J or more.
2.5	Should be capable of doing synchronized & asynchronized cardioversion
2.6	Can be operated from mains as well as battery
2.7	Should have defibrillator testing facility
2.8	Demonstration of the equipment is a must.
3	**Technical Specifications**
3.1	Should be a Low Energy Biphasic defibrillator monitor with Recorder, having capability to arrest all arrhythmia within a maximum energy of 200 Joules for manual mode
3.2	Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles. Should have Automatic or Manual Lead switching to see patient ECG through paddles or leads
3.3	Should measure and compensate for chest impedance for a range of 25 to 125 ohms
3.4	Should have a built in 50mm strip printer/ thermal recorder
3.5	Should have charging time of less than 6 seconds for maximum energy. Charging indicator should be there.
3.6	Should have bright LCD / TFT display for viewing messages and ECG waveform of 4 seconds
3.7	Single Adult and pediatric paddles should be available.
	Internal paddles should also be available (price to be quoted separately)
3.8	Should have event summary facility for recording and printing at least 250 events and 50 waveforms. Patient data storage 90 mins of ECG and events.
3.9	Should have a battery capable of usage for at least 90minutes or 30 discharges.
3.1	Should be capable of printing Reports on Event summary, configuration, self-test, battery capacity etc
3.11	Should have facility for self-test/check before usage and set up function
3.12	Should have SPO2 and EtCO2 integrated facility. **(Optional – price to be quoted separately)**

3.13	Should be capable of delivering energy in increments of 1-2 joules up to 30J and increments of maximum 50J thereafter.
3.14	Should have user friendly 1,2,3 color coded operation.
3.15	Voice prompts on AED mode
3.16	Printing reports of events summary configuration/set test/ battery capacity
4	**System Configuration Accessories, spares and consumable**
4.1	Defibrillator -01
4.2	Paddles Adult/Paediatric (pair) -01
4.3	Patient cable -02
4.4	ECG Rolls -10
4.5	Disposable pads-10 nos.
4.6	Complete set of ECG cable with electrodes- 02
5	**Environmental factors**
5.1	The unit shall be capable of operating continuously in ambient temperature of 10 -400 C and relative humidity of 15-90%
5.2	The unit shall be capable of being stored continuously in ambient temperature of 0 -500 C and relative humidity of 15-90%
6	**Power Supply**
6.1	Power input to be 220-240VAC, 50Hz
6.2	Resettable overcurrent breaker shall be fitted for Protection
7	**Standards, Safety and Training**
7.1	Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
7.2	Should conform to international test protocols on exposure to shock forces and to vibration forces. The standard should be documented.
7.3	Should have local service facility. The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
8	**Documentation**
8.1	User Manual in English
8.2	Service manual in English
8.3	List of important spare parts and accessories with their part number and costing
8.5	Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
8.7	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.

	BOQ	**Qty**
1	Defibrillator as per specification	1 No.
2	Paddles Adult/Paediatric (pair)	1 Pair
3	ECG Rolls	10 No

4	Disposable pads	10 No
5	Complete set of ECG cable with electrodes	2 No
6	Internal Paddle	1 No.
7	SpO2 Module (Optional)	1 No.
8	ETCO2 Module (Optional)	1 No.

Item No 23:
Infusion Pump (Volumetric)

Sl No	Description
1	**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
3	**Technical Specifications**
3.1	Battery back-up operating time 5 hours.
3.2	LCD programming display
3.3	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 1200 ml/hr. (1ml increments.)
3.8	Volume to be infused 0.1 to 99.9 ml (o.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
3.1	Accuracy ±5%.
3.11	Pump Database: events of 24 hours with real time.
4	**System Configuration Accessories, spares and consumables**
4.1	"Compatible with any standard (PVC) infusion sets available in local Indian market."
4.2	10 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	Should have US – FDA/European CE with four digit notified body number certificate for the product and certificate to be submitted.

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.	
8.3	List of Equipment available for providing calibration and routine Preventive Maintenance Support as per manufacturer documentation in service/technical manual.	
	BOQ	**Qty**
1	Infusion Pump as per specification	1 No.
2	Infusion Set	10 No
3	Mounting Clamp	1 No.

Item No 24:
Multiparameter Monitor- 5 Para

Sl No	Description
1	**Description of Function**
1.1	It should provide monitors of ECG, NIBP, SpO2, Temperature, Respiration
2	**Operational Requirements**
2.1	Comprised of bedside monitors
2.2	Capability of storage of patient data and printing of patient reports.
2.3	Demonstration of the equipment is a must.
3	**Technical Specifications**
3.1	Minimum 10 inches or more multicoloured TFT display.
3.2	Should have facility to monitor and display - ECG, NIBP, SpO2(Nellcor/Masimo), Temperature, Respiration and upgradable to ETCO2(Sidestream or Microstream) & IBP.
3.3	Digital and 4 waveforms/traces display of all parameters. Specification include – monitoring of heart rate & respiratory rate in addition to above to make it a complete monitor.
3.4	Multichannel (up to 12 leads) ST segment analysis.
3.5	Automatic arrhythmia detection & alarm for standard and lethal arrhythmia
3.6	Should be suitable for Adult to Neonate usage
3.7	Should be able to measure B.P in automatic, manual and stat mode.
3.8	Motion tolerant NIBP with cuff overpressure protection
3.9	Should be capable of measuring oxygen Saturation even in case of motion artifact.
3.1	Should have audio – visual alarms for all parameters and should display alphanumeric alarm messages.
3.11	Trend of at least 48 hours.
3.12	Should have automatic and manual alarm setting for all parameters
3.13	Should have inbuilt 2 Ch thermal recorder with selectable recording speed of 25 & 50 mm /sec.
3.14	Battery backup of at least 2 hours, when fully charged.
4	**System configuration Accessories, spares and consumables**
4.1	Accessory as per BOQ

4.2	Necessary wall mounting solution/ mounting for monitors	
5	**Environmental factors**	
5.1	The unit shall be capable of operating continuously in ambient temperature of 0 -40° C and relative humidity of 15-90%	
5.2	The unit shall be capable of being stored continuously in ambient temperature of 20 – 60° C.	
5.3	The supplier shall provide environment friendly furniture and wall fittings for the entire system. Cabling has to be provided by the supplier	
6	**Power Supply**	
6.1	Power input to be 220-240VAC, 50Hz fitted with Indian plug	
7	**Standard Safety And Training**	
7.1	It should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.	
7.2	Manufacturer/ Supplier should have ISO certification for quality standards.	
7.4	Should have local service facility the service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.	
8	**Documentation**	
8.1	User Manual in English	
8.2	Service manual in English	
8.3	Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the Page /para number of original catalogue / data sheet. Any point, if not substantiated with Authenticated catalogue/manual, will not be considered.	
8.4	List of important spare parts and accessories with their part number and costing and to be blocked for 5 years.	
8.5	Log book with instruction for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.	
	BOQ	**Qty**
1	Monitor as per tender specification	1 No
2	Wall Mount	1 No
3	2 Channel recorder	1 No
4	5 Leads ECG cable with electrodes	2 No
5	Reusable Spo2 probe adult	2 No
6	Reusable Spo2 probe pediatric	2 No
7	Reusable Spo2 probe neonatal	2 No
8	NIBP cuff for Adult ,child and neonate	5 No each
9	NIBP Hose	2 No
10	Temperature probe nasopharyngeal (Adult & Paediatric)	1 No each

Item No 25:
Pulse Oximeter

Sl no	Description	
1	Compact portable bedside pulse oximeter with Colour LCD/TFT display.	
2	Continuous monitoring of SpO2 (arterial blood oxygen saturation) , pulse rate and signal strength(nellcor/masimo technology)	
3	3. Measuring range :	
	a. Spo2 : 10 to 100% minimal graduation 1%	
	b. Pulse rate : Pulse rate : 20 to 240 bpm, minimal graduation 1 bpm	
4	Accuracy SpO2 : 50 to 69% (± 3%), 70 to 100 % (±2%)	
5	Display shows: SpO2(%), PR, Plethymograph & perfusion bar	
6	The motion artifact should be minimal	
7	Large bright display (More than 5 inch) readable from more than 6 feet distance	
8	User preset of high/low alarms on SpO2 and pulse rate monitoring	
9	Audio visual alarm for SpO2 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 certified manufacturer (Certificate to be submitted,	
15	It should be European CE with a four digit notified body number/ US FDA/BIS approved product and certificate to be submitted.	
16	It must show spo2 value for low perfusion patients.	
17	Should have RS 232C port for data transmission.	
18	Signal averaging time 4 to 12 sec.	
19	Submitted with:	
	a. 2 x reusable SpO2 sensors neonate, clip-on type.	
	b. Patient extension cable -2 Nos.	
	c. 2 x reusable SpO2 sensors(finger type) for children and adolescents	
	d. 2 x spare set of fuses	
	BOQ	**Qty**
1	Pulse Oximeter as per specification	1 No
2	Reusable SpO2 sensors neonate, clip-on type.	2 No
3	Patient extension cable	2 No
4	Reusable SpO2 sensors(finger type) for children and adults	2 No each
5	spare set of fuses	2 No

Item No 26:
Syringe Infusion Pump

Sl No	Description
1	The syringe pump should be programmable, user friendly, safe to use and should have battery backup and comprehensive alarm system.
2	Must Work on commonly available standard 5ml/10ml/20ml/50ml/60 ml Syringes with accuracy of minimum of +/-2% or better, with automatic syringe size recognition.
3	Should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted.
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 flanges out of slot; disengaged plunger, unsecured barrel etc.
11	Manual pusher with plunger protection guard.
12	Anti bolus system to reduce pressure on sudden release of occlusion.
13	Should have comprehensive ALARM package including: Occlusion limit exceed alarm. Near end of infusion pre-alarm & alarm, Volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm and alarm, AC power failure and Drive disengaged alarm.
14	Rechargeable Battery having at least 1 hours backup for about 5ml/hr flow rate with 50ml syringes. Larger battery life and indication of residual life will be preferred.
15	Mounting device/ Docking Station for at least four pumps as per requirement so as to enable to power up to 4 pumps with one power cord when mounted on IV pole **(Price to be quoted separately)**
16	The unit shall be capable of stored and operating continuously in ambient temperature of 10 - 50deg C and relative humidity of 15-90%
17	Power input to be 220-240VAC, 50Hz.
18	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
19	User Manual and service manual in English.
20	List of important spare parts and accessories with their part number and costing.

	BOQ	**Qty**
1	Syringe Pump as per specification	1 No
2	Mounting device/ Docking Station for at least four pumps as per requirement so as to enable to power up to 4 pumps with one power cord when mounted on IV pole	1 No

Item No 27:
Pediatric Fiber Optic Broncoscope

SL NO	Description
1	Flexible fiberoptic bronchoscope
2	Distal end diameter should be 2.7mm -2.8 mm
3	Working length should be minimum 550mm
4	Field of view should be more than 100 degrees
5	Depth of focus should be 1-50 mm
6	Working channel diameter should be 1-1.2mm
7	Upward bending capability of the tip should be 180 degrees
8	Downward bending capability of the tip should be 130 degrees
9	Equipment should be US FDA or European CE approved and the company should be Iso certified

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:
   a) Five years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) Warranty period will be 5 years from the date of installation, commissioning and Site Modification Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
   b) 95% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
   c) All software updates should be provided free of cost during Warranty period.

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

3. Training:
   On Site training to Doctors/ Technicians/ staff is to be provided by Principal/ Indian Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the consignee. The same will be in line with the training modalities as specified in general technical specification.

4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Site Modification Work:

   a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment (including Batteries for UPS, other vacuumatic parts wherever applicable) and Site Modification Work (if any). The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period
   b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
   c) Cost of CMC will be added for Ranking/Evaluation purpose. The same will be taken at Net Present Value with a 10% discounting factor each year.
   d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 2.5 % of the cost of the equipment as per Section XV valid till 2 months after expiry of entire CMC period.
   e) There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
   f) During CMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
   g) All software updates should be provided free of cost during CMC.
   h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
   i) The payment of CMC will be made as stipulated in GCC Clause 21.

5. Site Modification Work:

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

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

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

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

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

Note 3: Adequate training of personnel and non-locked open software and standard interface interoperability conditions for networked equipment in hospital management information system (HMIS)

The successful tenderer will be required to undertake to provide at his cost technical training for personnel involved in the use and handling of the equipment on site at the institute immediately after its installation. The company shall be required to train the institute personnel onsite for a minimum period of 1 month

All software updates should be provided free of cost during warranty period and CMC period

Section – VIII

Quality Control Requirements

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

Tender Reference No.
Date of opening
Time
Name and address of the Tenderer:
Note: All the following details shall relate to the manufacturer(s) for the goods quoted for.

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

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

05 Total annual turn-over (value in Rupees)
06 Quality control arrangement details
- a. for incoming materials and bought-out components
- b. for process control
- c. for final product evaluation

07 Test certificate held
- a . type test
- b . BIS/ISO certification
- c . any other

08 Details of staff
- a. technical
- b skilled
- c unskilled

Signature and seal of the Tenderer

Section – IX

Qualification Criteria

1. The tenderer must be a manufacturer. In case the manufacturer does not quote directly, they may authorize an agent as per proforma of Manufacturer authorization form as given in the tender enquiry document to quote and enter into a contractual obligation.

2(a) The Manufacturer should have supplied and installed in last **Five** years from the date of Tender Opening, at least 25% of the quoted quantity (rounded off to next whole number) of the similar equipment meeting major parameters of technical specification which is functioning satisfactorily.

2(b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria should have executed at least one contract in the last five years from the date of tender opening of medical equipment anywhere in India of the same manufacturer.

3. The start-ups claiming exemption on the required prior experience, and complying the condition of GIT Clause 35.3 (iv), should furnish along with the bid

   (i) All necessary documents in support of the claim regarding exemption on prior experience as mandated by concerned Ministry/ Board of Govt. of India.

   Notwithstanding anything stated above, the Purchaser reserves the right to verify/ consider, whether the firm/ entity is eligible for exemption regarding prior experience requirement.

NOTE:

1. The tenderer shall give an affidavit as under:

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

2. In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma 'A'.

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

3. The Tenderer shall furnish a brief write-up, packed with adequate data explaining and establishing his available capacity/capability (both technical and financial) to perform the Contract (if awarded) within the stipulated time period, after meeting all its current/present commitments. The Tenderer shall also furnish details of Equipment and Quality Control in the enclosed Section VIII.

4. Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer's capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.

5. The Purchaser reserves the right to ask for a free demonstration of the quoted equipment at a pre determined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the Price Tender.

PROFORMA 'A'
PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last five years)

Tender Reference No. : _____

Date of opening : _____

Time : _____

Name and address of the Tenderer : _____

Name and address of the manufacturer : _____

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

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

Signature and seal of the Tenderer

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

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

Section – X
TENDER FORM

Date_____

To
CEO
HLL Infra Tech Services Limited
Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh.

Ref. Your TE document No. _____dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (*if any*), the receipt of which is hereby confirmed. We now offer to supply and deliver_____ *(Description of goods and services)* in conformity with your above referred document **for the sum as shown in the price schedules attached herewith and made part of this tender**. If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

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

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

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

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

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

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

SECTION – XI
PRICE SCHEDULE

Price to be filled in the relevant field of Price Format in Excel provided in the e-tendering portal.

SECTION – XII
QUESTIONNAIRE

Fill up the Techno-Commercial Compliance Sheet Bid provided in spreadsheet (Excel file) and upload in the C-Folder

1. The tenderer should furnish specific answers to all the questions/issues mentioned in the Techno-Commercial Compliance Sheet. In case a question/issue does not apply to a tenderer, the same should be answered with the remark "not applicable".

2. Wherever necessary and applicable, the tenderer shall enclose certified scanned copy as documentary proof/ evidence to substantiate the corresponding statement.

3. In case a tenderer furnishes a wrong or evasive answer against any of the question/issues, their tender is liable to be ignored.

Note: *The documents like Priced Proforma Invoice (Single Proforma Invoice from Manufacturer's indicating uniform unit rates) and List of Consumables with prices can be uploaded in the Notes & Attachment under Rfx information (Please note, in the separate Notes & Attachment provided under Rfx information and not in the C-Folder Notes & Attachments).*

SECTION – XIII

BANK GUARANTEE FORM FOR EMD

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

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

   fails or refuses to furnish the performance security for the due performance of the contract
   or
   fails or refuses to accept/execute the contract or
   if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

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

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

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

SECTION – XIV

MANUFACTURER'S AUTHORISATION FORM

CEO
HLL Infra Tech Services Limited
Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh.

Dear Sir,

Ref: Your TE document No _____ dated _____

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

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

We further confirm that no supplier or firm or individual other than Messrs. _____ (*name and address of the above agent*) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.
We also hereby extend our full warranty, CMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

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

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

Yours faithfully,

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

Note:
(2) 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.
(3) Original letter may be sent.
(4) The purchaser reserves the right to verify this document with its signatory.

SECTION – XV

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC SECURITY

CEO
HLL Infra Tech Services Limited
Procurement and Consultancy Division
B-14 A, Sector -62, Noida -201307, Uttar Pradesh.

WHEREAS _____ (Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no_____ dated _____ to supply (description of goods and services) (herein after called "the contract").

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

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

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

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

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

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

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

SECTION – XVI

CONTRACT FORM - A

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

(Address of the Purchaser/Consignee
Office issuing the contract)

Contract No_____ dated_____

This is in continuation to this office's Notification of Award No_____ dated _____

1. Name & address of the Supplier: _____

2. Purchaser's TE document No_____ dated_____ and subsequent Amendment No_____, dated_____ (if any), issued by the purchaser

3. Supplier's Tender No_____ dated_____ and subsequent communication(s) No_____ dated _____ (if any), exchanged between the supplier and the purchaser in connection with this tender.

4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as integral part of this contract:

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

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

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

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

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

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

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

6. Warranty clause

7. Payment terms

8. Paying authority

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

Received and accepted this contract
(Signature, name and address of the supplier's executive
duly authorised to sign on behalf of the supplier)
For and on behalf of _____
(Name and address of the supplier)
(Seal of the supplier)

Date: _____

Place: _____

CONTRACT FORM – B

CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT

Annual CM Contract No._____ dated_____

Between
(Address of Head of Hospital)

And
(Name & Address of the Supplier)

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

In continuation to the above referred contract

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

1	2	3	4					5
Schedule No.	Brief description of goods	Quantity. (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			1st	2nd	3rd	4th	5th	
			a	b	c	d	e	

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

2. The CMC commence from the date of expiry of all obligations under Warranty i.e. from_____ (date of expiry of Warranty) and will expire on _____ (date of expiry of CMC)

3. The cost of Annual Comprehensive Maintenance Contract (CMC) which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, _____ & _____) and Site Modification Work (if any).
4. There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
5. During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
6. All software updates should be provided free of cost during CMC.
7. The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CMC period] for an amount of Rs. _____ [(fill amount) equivalent to 2.5 % of the cost of the

equipment as per contract] shall be furnished in the prescribed format given in Section XV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser/Consignee.

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

_____
(Signature, name and address
of Hospital authorised official)
For and on behalf of_____

Received and accepted this contract.
(Signature, name and address of the supplier's executive
duly authorised to sign on behalf of the supplier)
For and on behalf of _____
(Name and address of the supplier)
(Seal of the supplier)

Date: _____

Place: _____

SECTION – XVII

CONSIGNEE RECEIPT CERTIFICATE

(To be given by consignee's authorized representative)

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

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

SECTION – XVIII
Proforma of Final Acceptance Certificate by the Consignee

No_____ **Date_____**

To
M/s _____
_____
_____

Subject: Certificate of commissioning of equipment /plant.

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

(a) Contract No_____ dated_____

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

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

(d) Quantity: _____

(e) Bill of Loading/Air Way Bill/Railway Receipt/ Goods Consignment Note no_____ dated _____

(f) Name of the vessel/Transporters:_____
(g) Name of the Consignee:_____
(h) Date of site hand-over to the supplier by consignee: :_____
(i) Date of commissioning and proving test:_____

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

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

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

The supplier has fulfilled its contractual obligations satisfactorily ## or

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

a) He has not adhered to the time schedule specified in the contract in dispatching the documents/ drawings pursuant to 'Technical Specifications'.
b) He has not supervised the commissioning of the equipment (s)/plant(s)in time, i.e. within the period specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment (s)/plant(s).
c) The supplier as specified in the contract has not done training of personnel.

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

is

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

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

(Signature)
(Name)
(Designation with stamp)

Explanatory notes for filling up the certificate:

i) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.

ii) He has supervised the commissioning of the equipment (s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment (s)/plant(s).

iii) Training of personnel has been done by the supplier as specified in the contract.

iv) In the event of documents/drawings having not been supplied or installation and commissioning of the equipment (s)/plant(s) having been delayed on account of the supplier, the extent of delay should always be mentioned in clear terms.

Section – XIX

Consignee List

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	Dry Port/ Seaport
1	The Principal Siddartha Medical College NH 16 Service Road, Opp. Varun Maruthi Showroom Near Health University, Gunadala, Vijayawada Andhra Pradesh 520008 Phone: 09849903130 Email: principalsmcvja@yahoo.com	SMC-Vijayawada	Andhra Pradesh	Hyderabad	Vizag
2	Dr. M. Neeraja The Dean/ The Principal Govt. Medical College Opp. EE Roads & Buildings, Sai Nagar, Anantapur Andhra Pradesh - 515001 Phone : 08554-249115, 274568 EMail : gmc_atp@ap.nic.in; principal.gmcatp@yahoo.in	GMC-Anantapur	Andhra Pradesh	Hyderabad	Vizag
3	Dr. K. Ashok The Director Director's Quarters RIMS Campus Rajiv Gandhi Institute of Medical Sciences, Adilabad Vidya Nagar, Adilabad, Telangana 504001 Office: 08732-220521 Email: rimsadilabad@yahoo.com; directorrimsadilabad@yahoo.com	RGIMS-Adilabad	Telangana	Hyderabad	Vizag
4	Dr. Abbagani Vidyasagar The Principal Kakatiya Medical College, Waranagl Rangampet Street, Warangal, Telangana 506007 Phone: 0870-2446355, 2446888 Email: pwarangal@gmail.com; kmc_wgl@ap.nic.in	GMC-Warrangal	Telangana	Hyderabad	Vizag
5	Prof. A.K. Adhikari The Principal-cum-Chief Superintendent Gauhati Medical College Guwahati-781032 Tel: +91-2134538 / 2132751 Email: gmch-asm@nic.in	GMC-Guwahati	Assam	Kolkata	Kolkata

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	Dry Port/ Seaport
6	The Principal Assam Medical College, Dibrugarh Barbari, Dibrugarh, Assam - 786 002 Phone No. : (0373) 2300080, 2300352 Email: principalamch@rediffmail.com	AMC-Diburgarh	Assam	Kolkata	Kolkata
7	The Principal Srikrishna Medical College, Muzaffarpur NH 77, Uma Nagar, Rasulpur Saidpur Bazid Bihar - 842001 Phone No. : 0621-2260177 Email: info@skmedicalcollege.in	SKMC-Muzaffarpur	Bihar	Kolkata	Kolkata
8	The Principal Govt. Medical College, Darbhanga DMCH Road, Laheriasaria Darbhanga Bihar - 846001 Phone No. : 06272 233 092 Email: principaldmc202@gmail.com	GMC-Dharbhanga	Bihar	Kolkata	Kolkata
9	Dr. H. M. Mangal The Dean Govt. Medical College Civil Hospital Campus, Rajkot - 360001 Ph. No. : +91 281 2458337,2458338, 2458339 Email Address : deanrajkot@yahoo.co.in	PDUMC-Rajkot	Gujarat	Ahmedabad	Mundra / Pipavav / Kandla
10	The Principal Patliputra Medical College, Dhanbad B.C.C.L. Township, Koyla Nagar Dhanbad - 826005, Jharkhand Phone : +91-326-2230465 Email: enquiry@pmchdhanbad.com	PMCH-Dhanbad	Jharkhand	Kolkata	Kolkata
11	The Director Vijayanagar Institute of Medical Sciences Contonment, Bellary - 583104 Karnataka Phone: 08392-235201, 08392-242387 Email: directorvimsbellary@gmail.com	VIMS-Bellary	Karnataka	Bangalore	Bangalore
12	The Director Karnataka Institute of Medical Sciences,P. B Road, Vidyanagar Hubali - 580 022, Karnataka, India Phone: +91- 836- 2370057, +91- 836 - 2373447, +91 - 836 - 2373641 Email: directorkimshubli@gmail.com	KIMC-Hubbali	Karnataka	Bangalore	Bangalore

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	Dry Port/ Seaport
13	The Principal Government Medical College Medical College Rd, Kozhikode Kerala - 673008 Phone: 0495 235 0202 Email: principalmcc@gmail.com	GMC-Kozhikode	Kerala	Kochi	Kochi
14	Dr. N. Sridevi The Principal T. D. Medical College, Alappuzha Vandanam, Alappuzha, Kerala 688001 Phone: 0477 228 2611 Email: tdmcalappuzha@gmail.com	GTDMC-Alappuzha	Kerala	Kochi	Kochi
15	The Dean Govt. Medical College Jail Road, Near Sanjay Gandhi Hospital, Rewa Madhya Pradesh 486001 Phone: 07662-241655 Email: deanmcrewa@rediffmail.com	GMC-Rewa	Madhya Pradesh	Mumbai	Mumbai
16	The Director Netaji Subhash Ch. Bose Medical College, Jabalpur Nagpur Road, Jabalpur, Madhya Pradesh 482003 Phone: 076123 70951 Email: nscbmcjb@gmail.com	NSBMC-Jabalpur	Madhya Pradesh	Mumbai	Mumbai
17	Dr. S. N. Iyengar The Dean Gajra Raja Medical College, Gwalior Veer Savarkar Marg, Gwalior - 474009 Madhya Pradesh Phone: +91 (0751) 2403400 Email: grmc1946@yahoo.co.in	GRMC-Gwalior	Madhya Pradesh	Mumbai	Mumbai
18	The Dean Govt. Medical College, Aurangabad Panchakki Road, Aurangabad - 431001 Maharashtra Ph No. : 0240-2402028 Email: deangmca@gmail.com	GMC-Aurangabad	Maharashtra	Mumbai	Mumbai
19	The Dean Govt. Medical College, Latur Near Old Railway Station Latur (M.S.) 413512 Call us: 02382 247676 E-mail: info@gmclatur.org	GMC-Latur	Maharashtra	Mumbai	Mumbai

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	Dry Port/ Seaport
20	The Dean Govt. Medical College, Akola Akola - 444 001 Maharashtra Phone +91- 0724-2431960 Email : acadgmca@hotmail.com	GMC-Akola	Maharashtra	Mumbai	Mumbai
21	The Dean Shri Vasantrao Naik Govt. Medical College, Yavatmal Maharashtra - 445001 Phone: (07232) 242456,240843 Email: deanvngmc@sancharnet.in	SVNGMC-Yavatmala	Maharashtra	Mumbai	Mumbai
22	The Dean and Principal M. K. C. G. Medical College, Berhampur Berhampur, District - Ganjam Odisha. Pin: 760 004 Tel. No. (0680) 2292746 Fax: (0680) 2292809 E-mail : mkcgmc.bam@gmail.com	MKCGMC-Berhampur	Orissa	Kolkata	Kolkata
23	The Dean and Principal V. S. S. Medical College, Burla Burla, Sambalpur, Odisha - 768017 Phone: +91-6632430768 Email: vssmcburlaorissa@gmail.com	VSSMC-Burla	Orissa	Kolkata	Kolkata
24	The Principal Government Medical College Sangrur Road, New Lal Bagh, Patiala, Punjab 147001 Ph: 0175 221 2018 Email: gomcoitcell@yahoo.com	GMC-Patiala	Punjab	New Delhi	New Delhi
25	The Principal S. P. Medical College, Bikaner PBM Hospital, Bikaner, Rajasthan 334001 Phone: 0151 222 6300 Email: principal_spmc@live.com	SPMC-Bikaner	Rajasthan	Jaipur	Mundra / Pipavav / Kandla
26	The Principal R. N. T. Medical College, Udaipur Near Collectorate, Hospital Rd, Court Chouraha, Udaipur, Rajasthan 313001 Phone: 0294 241 8258 Email: rnt_mcudr62@rediffmail.com; rntmedicaleducationdept@gmail.com	RNTMC-Udaipur	Rajasthan	Jaipur	Mundra / Pipavav / Kandla
27	The Principal Govt. Medical College, Kota, LIC Office, Rangbari Rd, Sector - A, Rangbari, Kota, Rajasthan 324010 Phone: 0141 222 7406 Email: principalmck@gmail.com	GMC-Kota	Rajasthan	Delhi Air Cargo	Icd, Tughlakabad

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	Dry Port/ Seaport
28	The Dean Thanjavur Medical College, Thanjavur Tamil Nadu - 613 004 Phone: 04362-240851, 04362-240951 Email: thjmc_tn@yahoo.com	GMC-Thanjavur	Tamil Nadu	Chennai	Chennai
29	The Dean Tirunelveli Medical College, Tirunelveli Address: Palayamkottai Tamil Nadu 627011 Phone: 0462 257 2733 Email: dean@tvmc.ac.in	GMC-Tirunelveli	Tamil Nadu	Chennai	Chennai
30	The Principal Agartala Govt. Medical College Agartala - 799 006 Phone: 03812357130/ 2356701 Email: agmc-tr@nic.in, agmc@rediffmail.com	AMC-Tripura	Tripura	Kolkata	Kolkata
31	The Dean Govt. Medical College, Jhansi Public Relation Officer Maharani Laxmi Bai Medical College, Hospital Jhansi Phone:- 0510-2321446 Email: principalmcjhs@gmail.com,clmlmcj@gmail.com	GMC-Jhansi	Uttar Pradesh	Delhi Air Cargo	Icd, Tughlakabad
32	The Principal B.R.D.Medical college Gorakhpur Uttar Pradesh 273013 Phone: 0551 250 1736 Email Id :brdmcgkp1969@gmail.com, info@brdmc.org	GMC-Gorakhpur	Uttar Pradesh	Delhi Air Cargo	Icd, Tughlakabad
33	The Principal M. L. N. Medical College, Allahabad George Town, Allahabad, Uttar Pradesh 211002 Phone: 2147483647 Email: ansari@gmail.com	MLNMC-Allahabad	Uttar Pradesh	Delhi Air Cargo	Icd, Tughlakabad
34	The Principal L. L. R. Medical College, Meerut Garh Road, Jai Bhim Nagar, Meerut Uttar Pradesh 250004 Phone: 0121-2760888 Email: medllrm@yahoo.com	LLRMMC-Meerut	Uttar Pradesh	Delhi Air Cargo	Icd, Tughlakabad

Sl. No.	Name of Hopsital and Address	Consignee Code	State	Airport	Dry Port/ Seaport
35	The Principal B. S. Medical College, Bankura Kenduadihi, Bankura West Bengal 722101 Phone: 03242 244 700 Email: bsmc_xsa@yahoo.com, prin_bsmc@wbhealth.gov.in	BSMC-Bankura	West Bengal	Kolkata	Kolkata
36	The Principal Govt. Medical College, Malda Englishbazar, Malda, West Bengal 732101 Phone: 03512 221 087 Email: prin_mldmch@wbhealth.gov.in	GMC-Malda	West Bengal	Kolkata	Kolkata
37	The Principal Prof. Samir Chandra Ghosh Roy North Bengal Medical College, Darjeeling Thiknikata, India, Siliguri, Darjeeling West Bengal 734012 Phone: 098320 17967 Email: sgroy53@gmail.com	NBMC-Darjeeling	West Bengal	Kolkata	Kolkata

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