

**TENDER FOR SETTING UP OF 10 BEDDED INTENSIVE CARE UNIT
GANDHI SHATABDI EYE HOSPITAL, DEHRADUN AT
UTTARAKHAND ON TURNKEY BASIS**

IFB NO: HLL/CMO/HCD/P&S/UK-ICU/2019-20/01, Dt. 31.03.2020



**HICARE DIVISION
HLL LIFECARE LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE),
CENTRAL MARKETING OFFICE,
HLL BHAVAN, #26/4,
TAMBARAM-VELACHERY MAIN ROAD,
PALLIKARANAI, CHENNAI-600 100
www.lifecarehll.com
CIN No U25193KL1966GOI002621**

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HLL BHAVAN, #26/4,
TAMBARAM-VELACHERY MAIN ROAD,
PALLIKARANAI, CHENNAI-600 100
Email: : hcdcmo@lifecarehll.com Web: www.lifecarehll.com

IFB NO: HLL/CMO/HCD/P&S/UK-ICU/2019-20/01,

Dt. 31.03.2020

SECTION - I NOTICE INVITING TENDERS

HLL Lifecare Limited hereby invites sealed bids under Two-Bid system from eligible suppliers/manufacturers/Consortium partners for setting up of 10 Bedded Intensive Care Unit (ICU) on turnkey basis to Gandhi Shatabdi Eye Hospital, Dehradun in the State of Uttarakhand.

The tender document may be downloaded from our web site www.lifecarehll.com and the tender cost shall be submitted along with the bid in the form of Demand Draft taken in favour of HLL Lifecare Limited payable at Thiruvananthapuram. Failing to submit the tender document fee, the bid is liable to be rejected. SSI/MSME units interested in availing exemption from payment of Tender Fee & EMD should submit a valid copy of their registration certificate issued by the concerned DIC or NSIC. SSI/MSME units are not exempted from the Security Deposit, if the tender is awarded.

Last date and time of receipt of Tender	: - 20.04.2020 at 15.00 PM.
Date and time of opening of Tender	: - 20.04.2020 at 15.30 PM.

Vice President (Marketing)

SCHEDULE FOR SUBMISSION OF APPLICATION

EVENT	DATE
Last date and time for submission of completed Tender	20.04.2020 at 15.00 PM
Date and time for Opening of Technical Bid	20.04.2020 at 15.30 PM

The completed bids should be submitted before the due date and time of submission at the following address.

**VICE PRESIDENT (MARKETING)
HLL LIFECARE LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE),
CENTRAL MARKETING OFFICE,
HLL BHAVAN, #26/4,
TAMBARAM-VELACHERY MAIN ROAD,
PALLIKARANAI, CHENNAI-600 100
hcdcmo@lifecarehll.com
Web: www.lifecarehll.com**

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SECTION – II
GENERAL INSTRUCTIONS TO TENDERERS (GIT)

A. PREAMBLE

1. Definitions and Abbreviations

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

Definitions:

- (i) “Purchaser” means the organization purchasing goods and services as incorporated in the Tender Enquiry document.
- (ii) “Tender” means Bids / Quotation / Tender received from a Firm / Tenderer /Bidder/Consortium.
- (iii) “Tenderer” means Bidder/ the Individual or Firm or Consortium submitting Bids / Quotation / Tender
- (iii) “Supplier” means the individual or the firm supplying the goods and services as incorporated in the contract.
- (iv) “Goods” means the articles, material, commodities, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, etc. which the supplier is required to supply to the purchaser under the contract.
- (v) “Services” means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- (vi) “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- (vii) “Contract” means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (viii) “Performance Security” means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- (ix) “Consignee” means the Hospital/Institute to whom the goods are required to be delivered as specified in the Contract.
- (x) “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xi) “Inspection” means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
- (xii) “Day” means calendar day.

1.3 Abbreviations:

- (i) “T E 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) "SSI" means Small Scale Industry
- (xii) "LC" means Letter of Credit
- (xiii) "DP" means Delivery Period
- (xiv) "BG" means Bank Guarantee
- (xv) "GST" Goods and Service Tax
- (xvi) "RR" means Railway Receipt
- (xvii) "BL" means Bill of Lading
- (xviii) "FOB" means Free on Board
- (xix) "FCA" means Free Carrier
- (xx) "FOR" means Free On Rail
- (xxi) "CIF" means Cost, Insurance and Freight
- (xxii) "CIP (Destinations)" means Carriage and Insurance Paid up to named port of destination. Additionally the Insurance, local transportation and storage shall be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery
- (xxiii) "DDP" means Delivery Duty Paid at named place of destination (consignee site)
- (xxiv) "INCOTERMS" means International Commercial Terms as on the date of Tender Opening
- (xxv) "RT" means Re-Tender
- (xxvi) "CAMC" Comprehensive Annual Maintenance Contract

2. Introduction

The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Section – V and VI – "List of Requirements" and "Technical Specifications".

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

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

3. Availability of funds

Deleted.

4. Language of Tender

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/Hindi 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.

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

5. Eligible Tenderers

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

6. Eligible Goods and Services

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

7. Tendering Expense

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

B. TENDER DOCUMENTS

8. Content of Tender Documents

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

- Section II – General Instructions to Tenderers (GIT)
- Section III – General Conditions of Contract (GCC)
- Section IV – Special Conditions of Contract (SCC)
- Section V – List of Requirements
- Section VI – Technical Specifications
- Section VII – Quality Control Requirements
- Section VIII – Qualification Criteria
- Section IX – Tender Form for Technical Bid
- Section IX B – Tender Form for Price Bid
- Section X – Price Schedules
- Section XI – Bank Guarantee Form for EMD
- Section XII – Bank Guarantee Form for Performance Security/CAMC Security
- Section XIII – Manufacturer’s/Distributor’s Authorisation Form/Consortium Agreement

- Section XIV– Contract Form’ A ‘
- Section XV – Contract Form ‘B’
- Section XVI – Proforma of Consignee Receipt Certificate
- Section XVII – Proforma of Final Acceptance Certificate by the consignee
- Section XVIII – Consignee List
- Section XIX - Check List

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 Tender documents

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.

Such an amendment will be notified in Purchaser’s Website www.lifecarehll.com and also in writing by registered/speed post or by e-mail, to all prospective tenderers, which have received the TE documents and will be binding on them.

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 Tender documents

A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than 7 days prior to the prescribed date of submission of tender.

C. PREPARATION OF TENDERS

11. Documents Comprising the Tender

The **Two bid System**, i.e. “Techno–Commercial Tender” and “Price Tender” prepared by the tenderer shall comprise the following:

A) **Techno–Commercial Tender (Un priced Tender)**

- i) Earnest money furnished in accordance with GIT clause 19.1
- ii) Tender Form as per Section IX (**Un priced**).
- iii) Documentary evidence, as necessary in terms of clauses GIT Clause 5 and 17 establishing that the tenderer is eligible to submit the tender and, also, qualified to perform the contract if its tender is accepted.
- iv) Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer’s/ Distributor’s Authorisation Form/Consortium as per the format in Section XIII.
- v) Power of Attorney in favour of signatory of TE documents and signatory of

- Manufacturer's/Distributor's Authorisation Form/Consortium Agreement.
- vi) Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
 - vii) Performance Statement as per section XVII along with relevant copies of orders and end users' satisfaction certificate.
 - viii) Price Schedule(s) as per Section X filled up with all the details including Make, Model etc. of the goods offered with prices blank (**without indicating any prices**).
 - ix) Certificate of Incorporation in the country of origin.
 - x) Checklist as per Section XIX.
 - xi) Technical Compliance Statement (specification points-wise) along with pamphlets/Catalogue.

B) Price Tender:

The information given at clause no. 11.1 A) ii) & viii) above should be reproduced with the prices indicated.

N.B.

All pages of the Tender should be page numbered and indexed.
It is the responsibility of tenderer to go through the TE document to ensure furnishing all required documents in addition to above, if any.

The authorized signatory of the tenderer must sign the tender duly stamped at appropriate places and initial all the remaining pages of the tender.

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

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

12. Tender currencies

The tenderer shall quote only in Indian Rupees.

Tenders, where prices are quoted in any other currency shall be treated as non-responsive and rejected.

13 Tender Prices

The Tenderer shall indicate on the Price Schedule provided under Section X all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services. All the columns shown in the price schedule should be filled up as required. If any column doesn't apply to a tender, same should be clarified as "NA" by the tenderer.

Deleted.

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

- a) GST which will be payable on the goods shall be indicated in the SECTION X (a). in absence of GST, it will be treated as inclusive.
- b) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the supplier from ware

- house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading, Positioning and other local costs incidental to delivery of the goods to their final destination as specified in Price Schedule;
- c) The price of Incidental Services, as mentioned in Section V & VI, Price Schedule and GCC shall be considered;
 - d) The price of CAMC including all taxes and duties, as mentioned in GCC, SCC, List of Equipments, Technical Specification and Price Schedule shall be considered.

Additional information and instruction on GST:

The price will be taken inclusive of GST and no claim for the same will be entertained later.

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

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

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

If a foreign tenderer, the tenderer should have engaged an agent in India in connection with its tender and shall furnish the following information:

- a) The complete name, address, contact person and contact number of the Indian Agent(s)/service centres 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 CAMC period.

15. Firm Price

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

However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIT clause 13 will apply.

16. Alternative Tenders

Alternative Tenders are not permitted.

17 Documents Establishing Tenderer's Eligibility and Qualifications

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.

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/Distributor's authorization letter /consortium 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 VIII 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 payment of duties, taxes, levies, clearance of goods, freight, transport, insurance 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) The tenderer shall quote for all items in the list of requirements, if any of the item not quoted then their bid will be treated as non responsive.
- e) The items quoted shall be responsive to the requirements in the List of Equipments in the Tender.

18. Documents establishing Good's Conformity to Tender document.

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 Tender 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 Tender documents to establish technical responsiveness of the goods and services offered in its tender.

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.

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

19. Earnest Money Deposit (EMD)

19.1

SI No	Description	Tender Fee In Rs.	EMD amount in Rs.
1	Setting up of 10 Bedded ICU st GSEH, Dehradun on Turnkey basis	5,000.00	4,00,000.00

Earnest Money shall be in the form of a Demand Draft from a nationalised bank issued in favour of HLL Lifecare Limited, Thiruvananthapuram, or in the form of an

irrevocable Bank guarantee of any Nationalised Bank , which should be placed in a separate sealed cover marked “Earnest Money” and shall be submitted along with the tenders.

The earnest money shall be in Indian Rupees.

The earnest money in the form of BG 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.

Unsuccessful tenderers’ earnest money will be returned to them without any interest, 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.

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.

20. Tender Validity

If not mentioned otherwise, the tenders shall remain valid for acceptance for a period of 120 days after the date of tender opening prescribed in the Tender document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

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 e-mail or 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.

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

21. Signing and Sealing of Tender

The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11

The original of the tender shall either be typed or written in indelible ink and the same shall be signed by the tenderer or by a person(s) who has been duly authorized to bind the tenderer to the contract. The letter of authorization shall also be furnished along with the tender.

All the copies of the tender shall be duly signed at the appropriate places as indicated in the Tender documents and all other pages of the tender including printed literature, if any shall be initialed by the same person(s) signing the tender.

The tender shall not contain any erasure or overwriting, except as necessary to correct any error made by the tenderer and, if there is any such correction; the same shall be initialed by the person(s) signing the tender.

The tenderer is to seal the tender in envelopes, and write the address of the purchaser and the tender reference number on the envelopes. The sentence "NOT TO BE OPENED" before 20.04.2020, 15.00 Hrs (The tenderer is to put the date & time of tender opening) are to be written on these envelopes. The inner envelopes are then to be put in a big sized outer envelope, which will also be duly sealed, marked etc. as above. If the outer envelope is not sealed and marked properly as above, the purchaser will not assume any responsibility for its misplacement, premature opening, late opening etc.

Tender document seeks quotation following **Two Bid System**, in two parts. First part will be known as '**Techno - Commercial Tender**', and the second part '**Price Tender**' as specified in clause 11 of GIT. Tenderer shall seal '**Techno - Commercial Tender**' and '**Price Tender**' separately and covers will be suitably super scribed. Both these sealed covers shall be put in a bigger cover and sealed.

D. SUBMISSION OF TENDERS

22. Submission of Tenders

Tenders shall be submitted to HLL Lifecare Ltd., by hand or through registered post or courier service at the address given below and not later than 15.00 Hrs on 20.04.2020. In respect of Applications received by post or courier, HLL shall not assume any responsibility for any delayed delivery. Documents submitted in connection with this tender will be treated confidential.

The Tenders should be addressed to:

**VICE PRESIDENT (MARKETING)
HLL LIFECARE LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE),
CENTRAL MARKETING OFFICE,
HLL BHAVAN, #26/4,
TAMBARAM-VELACHERY MAIN ROAD,
PALLIKARANAI, CHENNAI-600 100**

22.1 Purchaser may at its discretion, extend the deadline for the submission of Tender, in which case all rights and obligations of Purchaser and the Tenderer subject to the previous deadline shall thereafter be subject to the deadline as extended.

23. Late Tender

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

24. Alteration and Withdrawal of Tender

The tenderer, after submitting its tender, is permitted to withdraw/alter/modify its tender so long as such withdrawal/alterations /modifications are received duly signed, sealed and marked like the original tender, within the deadline for submission of tenders. Alterations / modifications to tenders received after the

prescribed deadline will not be considered.

No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a tenderer withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the tenderer in its tender.

E. TENDER OPENING

25. Opening of Tenders

The tenders will be opened at the specified date and time and at the specified place as indicated in the Schedule for submission of tenders.

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.

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.

Two -Bid Tender system as mentioned in para 21.5 above will be as follows. 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 evaluation, the tender opening official(s) will assess 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 evaluation committee. Thereafter, in the second stage, the Price Tenders of only the Techno - Commercially acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified after the evaluation of the Techno – Commercial tender. The prices, special discount if any of the goods offered etc., as deemed fit by tender opening official(s) will be read out. The price bid of bidders who do not qualify based on the evaluation of technical bids shall be returned unopened.

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principle

Tenders will be evaluated on the basis of the terms & conditions already incorporated in the Tender 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. For evaluating the Techno commercial bid, the purchaser may at its discretion call for demonstration/ presentation/ samples etc.

27. Responsiveness

The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties

have been furnished, whether the documents have been properly signed stamped and whether the Tenders are generally in order.

Prior to the detailed evaluation of Price Tenders, the Purchaser will determine the substantial responsiveness of each Tender to the Tender Document. For purposes of these clauses, a substantially responsive Tender is one, which conforms to all the terms and conditions of the Tender Documents without material deviations. Deviations from, or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 5), Warranty (GCC Clause 15), EMD (GIT Clause 19), Taxes & Duties (GCC Clause 20), Force Majeure (GCC Clause 26) and Applicable law (GCC Clause 31) will be deemed to be a material deviation. 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.

If a Tender is not substantially responsive, it will be rejected by the Purchaser and cannot subsequently be made responsive by the Tenderer by correction of the nonconformity.

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

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

- (i) Tender form as per Section IX (signed and stamped) not enclosed
- (ii) Tender is unsigned.
- (iii) Tender validity is shorter than the required period.
- (iv) Required EMD (Amount, validity etc.) have not been provided.
- (v) Tenderer has quoted for goods manufactured by other manufacturer's/ Distributor's without the required Manufacturer's/ Distributor's Authorisation Form/consortium as per Section XIII.
- (vi) Tenderer has not agreed to give the required performance security.
- (vii) Goods offered are not meeting the tender enquiry specification and in demonstration.
- (viii) Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law.
- (ix) Poor/ unsatisfactory past performance.
- (x) Tenderers who stand deregistered/banned/blacklisted by any Govt. Authorities.
- (xi) Tenderer is not eligible as per GIT Clauses 5.1 & 17.1 and Section VIII
- (xii) Submission of false information in the Tender.
- (xiii) Erasure or over-writing in the tender is without initialled by the person(s) signing the tender as per GIT clause 21.

28. Minor Infirmary/Irregularity/Non-Conformity

If during the preliminary examination, the purchaser finds any minor infirmity 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 tenderers. Wherever necessary, the purchaser will convey its observation on such 'minor' issues to the tenderer

by registered/speed post/Courier 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

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.

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

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.

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/Courier. If the tenderer does not agree to the observation of the purchaser, the tender is liable to be ignored.

30. Qualification Criteria

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

31. Tender currency (Indian Rupee)

The TE document permits the tenderers to quote their prices in Indian Rupees only.

32. Items Evaluation

The List of Requirements contains more than one item. The responsive tenders will be evaluated and compared only on package cost as a turnkey tender. However the quotes shall be with item-wise unit cost and total cost with applicable taxes/duties for each and every equipment in the List of Requirements separately.

33. Comparison of Tenders

The comparison of the responsive tenders shall be carried out on Free Delivery at consignee site basis. The price ranking will be carried out as under.

Total price = Price with all accessories as per technical specification in the format given in Section – X (A)

The tenderers shall also quote for CAMC price for 5 years as per Section – X (B) separately. Failing which the bid is liable to be rejected.

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

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

In the case of goods manufactured in India or goods of foreign origin already located in India, GST & other similar applicable additional charges etc which will be contractually payable by the tenderer.

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

35. Tenderer's capability to perform the contract

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.

The above-mentioned determination will, inter alia, take into account the tenderer's financial, technical and production/execution 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.

36. Contacting the Purchaser

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.

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

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

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.

38. Award Criteria

The contract will be awarded to the lowest evaluated responsive tenderer decided by the purchaser as per clause 33 to 36 of GIT.

Only those bidders who qualify at the techno- commercial stage will be eligible for opening of price bids.

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

At the time of awarding the contract, the purchaser reserves the right to increase or decrease the quantity of goods and services mentioned in the schedule (s) in the "List of Requirements" without any change in the unit price and other terms & conditions quoted by the tenderer.

If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase the quantity of goods and services mentioned in the contract without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract period.

40. Notification of Award

Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by email 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 the notification of award, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section III

41. Issue of Contract

Promptly after notification of award, the Purchaser will mail the Contract Form (as per Section XIV and XV) duly completed and signed, in duplicate, to the successful tenderer by registered / speed post.

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 by registered / speed post.

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

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

43. Return of EMD

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 19.4 and 19.5.

44. Corrupt or Fraudulent Practices

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

defines, for the purposes of this provision, the terms set forth below as follows: “corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

“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;

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;

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
GENERAL CONDITIONS OF CONTRACT (GCC)
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SECTION - III

GENERAL CONDITIONS OF CONTRACT (GCC)

1. **Application**

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 IV, List of requirements under Section V and Technical Specification under Section VI of this document.

2. **Use of contract documents and information**

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.

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.

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**

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

4. **Country of Origin**

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.

The word "origin" incorporated in this clause means the place from where the goods are, manufactured, or from where the services are arranged.

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

5. Performance Security

Within thirty (30) days from date of the issue of notification of award by the Purchaser, the supplier, shall furnish Performance Security to the Purchaser for an amount equal to five percent (5%) of the total value of the contract, valid up to 60 days after the date of completion of 1 year warranty period / all contractual obligations by the supplier, including the warranty obligations, initially valid for a total period of minimum 14 months from the date of Notification of Award.

The Performance security shall be denominated in Indian Rupees.

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

In the event of any failure /default of the supplier with or without any quantifiable loss to the Purchaser the amount of the performance security is liable to be forfeited. The Purchaser may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Purchaser.

In the event of any amendment issued to the contract, the supplier shall, within twenty-one (21) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.

The supplier shall enter into CAMC as per the 'Contract Form – B' in Section XV with Purchaser/Purchaser's Client, 3 (three) months prior to the completion of Warranty Period. The CAMC will commence from the date of expiry of the Warranty Period.

Subject to GCC sub – clause 5.3 above, the Purchaser will release the Performance Security without any interest to the supplier on completion of the supplier's warranty and contractual obligations including submission of satisfactory performance certificates received from Hospital authorities towards quarterly preventive maintenance and breakdown maintenance services rendered by the contractor during warranty period.

6. Technical Specifications and Standards

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 VI and VII of this document.

7. Packing and Marking

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

during transit up to final destination as per the contract.

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 VI and VII and in SCC under Section IV. 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.

Packing instructions:

Unless otherwise mentioned in the Technical Specification and Quality Control Requirements under Sections VI and VII and in SCC under Section IV, 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

The purchaser and/or its nominated representative(s) will inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance, in writing, the purchaser's programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the purchaser and/or its nominated representative(s).

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 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. 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.

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.

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 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.

Goods accepted by the Purchaser 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.

If required by the purchaser, Foreign supplier shall also have the equipment inspected by recognised/ reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser) prior to despatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

For details of final inspection please refer section IV, special conditions of Contract.

Terms of Delivery

Goods shall be delivered by the supplier in accordance with the terms of delivery as follows:

- a) The goods shall be supplied, unpacked, installed and commissioned at the designated location as per the SECTION V. The project has to be completed within 30 days from date of order. All costs including insurance, loading, unloading etc., shall be borne by the supplier.

10. Transportation of Goods

The supplier shall at their own experience, arrange transport (including air/sea/land), loading & unloading of goods upto the consignee address.

11. Insurance:

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:

In case of supply of domestic goods on Consignee site basis, the supplier shall be responsible till the entire goods contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the goods duly insured. The insurance cover shall be obtained by the Supplier and should be valid till installation, testing and commissioning of the equipments.

If the equipments are not commissioned and handed over to the consignee

within stipulated period, the insurance will 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

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

- a) The spare parts as selected by the Purchaser 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 before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts, etc. at the supplier's risk and cost ., and
 - ii) Immediately following such discontinuation, providing the Purchaser, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Purchaser.

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

13. Incidental services

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

- i) Installation & Commissioning, Supervision and Demonstration of the goods and rectification of accidental damages occurred before handing over the system/site to Hospital authorities.
- ii) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- iii) Training to Doctors/Technicians on equipments in clinical aspects for operating and maintaining the equipments.
- iv) Supplying required number of operation & maintenance manual for the goods.
- v) Providing all the necessary as built drawings after the installation and commissioning.
- ix) Provide all software updates during warranty period without any additional cost.

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 to enable the Purchaser clear or receive (as the case may be) the goods in terms of the contract. Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows.

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

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

Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;

Consignee Receipt Certificate as per Section XVI in original issued by the authorized representative of the consignee;

Two copies of packing list identifying contents of each package;

Inspection certificate issued by the nominated Inspection agency, if any. Certificate of origin;

Insurance Certificate as per GCC Clause 11

Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

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.

This warranty shall remain valid for 1 year as per SECTION V (LIST OF REQUIREMENTS) from the date of handing over entire equipment and acceptance by the Purchaser/Hospital in terms of the contract after installation and commissioning, unless specified otherwise in the SCC.

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

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 form on rectification will be applicable as per tender conditions.

In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended to a further period from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.

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.

During Warranty period, the supplier is required to visit consignee's site at least once in 4 months commencing from the date of the installation for preventive maintenance of the goods.

The Purchaser reserve the rights to enter into CAMC between Purchaser/Purchaser's Client and the Supplier for the period of 5 years as mentioned in this tender, after the completion of 1 year warranty.

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

The Supplier along with its Indian Agent and the CAMC 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.

16. Assignment

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

17. Sub Contracts

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.

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

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

18. Modification of contract

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.

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 shall be amended accordingly.

19. Prices

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

Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.
Further instruction, if any, shall be as provided in the SCC.

21. Terms and Mode of Payment

A) Payment Terms - Equipment & Medical Gas Pipeline System

- a) 50% of supply value shall be released against supply and certificate for receipt of the item in good condition from the Hospital/purchaser.
- b) 45% payment shall be released against certificate of installation and commissioning certified by the Hospital Authorities/purchaser.
- c) Final 5% shall be released against submission of certificate issued by Hospital/purchaser certifying that the facility has been installed, commissioned and handed over and submission on Performance Security and other documents stated in this tender.
- d) Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract and upon the submission of the following documents:
 - i. supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
 - ii. Completion Certificate duly certified by hospital/HLL authorities.

B) Payment Terms - Turnkey part (Civil & Electrical works)

- a) 50% of the total value of work may be released upon the completion of 60 % of the work recommended by Engineer In charge (P&S, HLL) and approved by Regional Incharge (P&S, HLL)/ Manager (P&S, HLL).

- b) Balance 50% will be paid along with the final bill only after submission of Work Completion certificate issued by the concerned hospital and approved by Regional Incharge (P&S, HLL)/ Manager (P&S, HLL).
- c) 5% amount of the Bill will be retained as retention money and will be released only after the Defect liability period of 12 months.
- d) Final Bill to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by Engineer In Charge (P&S, HLL) and the Contractor 's representative, counter signed by Regional Incharge (P&S, HLL)/ Manager (P&S, HLL). The work completion certificate will be issued by the concerned centres/hospitals and it is the responsibility of the contractor to collect the completion certificate certified by the concerned hospital authority & HLL authorities and submit to HLL for balance 50% payment
- e) The running account bills are to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by Engineer in charge (P&S, HLL) and the Contractor's representative. For supply of capital items, duly certified delivery challan/supporting documents such as Warranty Certificates etc. shall be enclosed along with bill.
- f) Tax Deduction: All statutory deductions like GST, Income Tax, Works Contract Tax, E.S.I., P.F. or any other government-imposed liabilities shall be borne by the Contractor (as applicable at the time of execution of job) and shall be deducted from each bill submitted by the Contractor.

CAMC Payment :

The payment of CAMC will be made on half yearly basis, after satisfactory completion of said period on submission of bills with supporting documents, certified by the Hospital authorities, in proof of preventive and breakdown maintenance having rendered in the 4 months. In case the supplier fails carry out the preventive maintenance, in the stipulated period, the purchaser may extend the period of contract to the period of non services or impose the penalty on the supplier at the discretion of the Purchaser. However such non service(s) is/ are by a reason of Hospital, the penalty / extension mentioned above will not be applicable.

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

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.

The payment shall be made in Indian Rupees.

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

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.

The payment for the preventive maintenance will be released only on the submission of performance security of 5% for the particular year.

22. Delay in the supplier's performance

The supplier shall deliver of the goods and perform the services under the contract within the time schedule specified by the Purchaser in the List of Requirements and as incorporated in the contract.

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
- or
- (ii) Forfeiture of its performance security and
- (iii) Termination of the contract for default.

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

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

- (a) The Purchaser 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 applicable taxes 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 shall be entitled to the benefit of any decrease in price on account of reduction in or remission of applicable taxes 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.

The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the Purchaser for extension of delivery period and obtain the same before 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.

23. Liquidated damages

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

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

24. Termination for default

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

In the event of the Purchaser terminates the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Purchaser 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 for the extra expenditure, if any, incurred by the Purchaser for arranging such procurement.

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

25. Termination for insolvency

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

26. Force Majeure

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.

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

epidemics, quarantine restrictions, strikes excluding by its employees , lockouts excluding by its management, and freight embargoes.

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

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 Termination of this agreement for whatever reason shall not affect the obligation/ liabilities of both the parties accrued hereunder in respect of matters at the time of the agreement.

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

27. Termination for convenience

The Purchaser reserves the right to terminate the contract, in whole or in part for its (Purchaser's) convenience, by serving 7days written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser. The notice shall also indicate 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.

The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the supplier's receipt of the notice of termination shall be accepted by the Purchaser following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser may decide:

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

28. Governing language

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

Notice, if any, relating to the contract given by one party to the other, shall be sent in writing or by cable 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.

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

If dispute or difference of any kind shall arise between the Purchaser 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.

If the parties fail to resolve their dispute or difference by such mutual consultations within twenty one days of its occurrence the same shall be referred for arbitration to a Sole arbitrator to be appointed by the C&MD, of the Purchaser Arbitration shall be conducted as per the provisions of the Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof for the time be in force. The arbitrator shall give a reasoned award. The award of the arbitrator shall be final and binding on the parties to this contract. The venue of arbitration shall be Thiruvananthapuram, Kerala, India and the language of the proceedings shall be English
The arbitrator shall be requested to give reasoned award.

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. General/ Miscellaneous Clauses

- a. Nothing contained in this Contract shall be constructed as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CAMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.
- b. Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.
- c. The Supplier shall notify the Purchaser of any material change would impact on performance of its obligations under this Contract.
- d. Each member/constituent of the Supplier/its Indian Agent/CAMC Provider, in case of consortium shall be jointly and severally liable to and responsible for all obligations towards the Purchaser for performance of contract/services including that of its Associates/Sub Contractors under the Contract.
- e. The Supplier/its Indian Agent/CAMC Provider shall at all times, indemnify and keep indemnified the Purchaser against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CAMC or the Contract.
- f. The Supplier/its Agent/CAMC Provider shall, at all times, indemnify and keep indemnified the Purchaser 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.
- g. All claims regarding indemnity shall survive the termination or expiry of the contract

SECTION –IV

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. General requirement for eligibility

- a) In order to decide the responsiveness of tender, the Purchaser may ask to the tenderer for Demonstration of equipment/system, presentations and sample and the tenderer shall arrange Purchaser's requirement as and when so asked, failing which the tender shall be deemed as non-responsive.
- b) The Licences, Certifications, if any, required from the regulatory authorities in India with respect to this tender shall be produced along with the tender.
- c) All technical details, catalogue, application details, shall be provided along with the tender.
- d) Signed copy of Tender Document (all pages of Bid documents to be signed & stamped) by the Bidder as token of acceptance of the Terms & Conditions.
- e) Duly filled, signed and sealed forms as per the Annexures of the tender document.
- f) Power of attorney in Rs 300/- in non-judicial stamp paper duly notarized by the authorized signatory to sign and submit the bid documents
- g) Sales Tax Clearance certificate(self attested copy)
- h) Copy of PAN Card.(self attested Copy)
- i) GST Registration Certificate
- j) Certificate of incorporation / Memorandum of Article (self attested copy)
- k) Last 3 financial years audited Profit & Loss, Balance Sheet duly certified by Chartered Accountant.
- l) EMD as per tender document.
- m) Tender Fee as per tender document. Undertaking for replacement of complaint / defective items as Annexure ...
- n) One to one compliance statement to technical specification requirements against each item shall be provided along with the tender, with pamphlets/Catalogs.
- o) Acceptance test should be done at designated hospitals, prior to handing over of equipment.
- p) All details of pre installation and installation works along with schedules & drawings should be supplied within a week of award of order.

2. Final Inspection

The final inspection of the Goods will be done by the Technical Committee of the Purchaser and Hospital Authorities after installation and commissioning of the goods.

3. Warranty:

- a) 1 year as per SECTION V (LIST OF REQUIREMENTS) for comprehensive warranty as per Conditions of Contract of the TE document for complete equipment from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution.
- b) 95% uptime 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 by the supplier free of cost during Warranty period.

4. After Sales Service:

After sales service centre should be available at on 24 (hrs) X 7 (days) X 365 (days) basis. Breakdowns/Complaints should be attended within 8 hrs. An undertaking by the Manufacturer shall accompany the tender that the spares for the equipment shall be available for at least 10 years from the date of supply.

5. CAMC :

- a) Tenderer shall offer price for

CAMC rates separately in SECTION – X, PRICE SCHEDULE (B)

CAMC shall be awarded at the discretion of Purchaser/Hospital at the end of the warranty period.
- b) The CAMC shall be for 5 years after completion of prescribed warranty period.
- c) Preventive Maintenance services during CAMC shall be rendered on quarterly basis with minimum gap between two services shall be not less than 90 days and not more than 115 days. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 7 calendar days from the date of intimation, as per tender, failing which, a penalty of Rs.50,000/- per day thereof is leviable until the equipment is repaired and commissioned to the satisfaction of the end user, For this purpose supplier shall carry sufficient inventories to assure prompt replacement of defective parts as per tender
- d) Breakdown calls shall be attended immediately and major complaints shall be rectified within 7 calendar days from the date of intimation. The breakdown calls shall not be combined with preventive maintenance calls.
- e) In case the performance of CAMC services is not satisfactory and found below the 95% uptime level, the Purchaser / Hospital has the right to source the maintenance services from other means/agency at the risk and cost of supplier including termination of contract and legal/penal actions.
- f) On receipt of CAMC order, the supplier shall furnish performance security for an amount equal to 5% of the CAMC value per annum in the form of Demand Draft or Performance Bank Guarantee, which will be renewed in term with value of every year till completion of CAMC period.

- g) The cost of CAMC includes preventive maintenance with required testing, calibration as per technical/service/operational manual, labour and spares. The supplier shall undertake preventive maintenance as recommended in the manufacturer's technical/ service /operational manual, but minimum once in three months during the 5 years CAMC period for preventive maintenance.
- h) The cost of CAMC may be quoted along with taxes and duties 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.
- i) The payment of CAMC will be made once in every four months after satisfactory completion of said period, duly certified by Hospital authorities, but subject to valid Performance Security.
- j) There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period.
- k) During the CAMC period, all software updates should be provided free of cost.

SECTION V

LIST OF REQUIREMENTS

Sl. No.	List of Equipment	Qty	Unit
1	ICU Bed	10	Nos.
2	Maternity Cot	1	No.
3	Infusion Pump	10	Nos.
4	Syringe Pump	10	Nos.
5	Fetal Doppler	5	Nos.
6	USG Machine with Colour Doppler and Echo Facility	1	No.
7	CTG Machine	3	Nos.
8	Multipara Bedside Monitors (Invasive)	10	Nos.
9	Central Monitoring System	1	No.
10	Baby Resuscitation Kit/Cart	1	No.
11	Crash Cart fully loaded with BCLS medications	1	No.
12	Defibrillator with TCP and AED (Automated external defibrillator)	1	No.
13	Portable X-ray Machine 200mA	1	No.
14	Central Oxygen supply and wall mount suction	1	Job
15	Foot Operated Suction Machine	1	No.
16	Transport Ventilator to Shift the patient to ICU	1	No.
17	High End Ventilator	10	Nos.
18	Movable shadow less spot lights with adjustable arms	2	Nos.
19	Refrigerator	2	Nos.
20	Blood Warmers	2	Nos.
21	Intermittent compression device for DVT prophylaxis	1	No.
22	Air Beds	2	Nos.
23	ABG Machine	1	No.
24	Negative Ionizer /Air Purifier	1	No.
25	All in computer & Printer	1	set
26	UPS 30 KVA	1	No.
27	Civil & Electrical works	1	Job

SECTION VI

TECHNICAL SPECIFICATION

ICU BED MECHANICAL WITH ABS

1	Buffer to Buffer (2100mm Lx 1050 mm W x 425 to 750 mm H) 2% (Without Mattress) Bed Frame size (2070mm L x 900mm W), Mattress Platform size (1960mm L x 900mm W).
2	Bed Frame should be made from 60 mm x 30 mm x 1.6 mm (16G) thick ERW tube with proper support. This frame is fitted on the base frame mainly made of 60 mm x 30 mm x 1.6 mm (16G) ERW tubes with various supporting MS tube size 25.4 mm 1.2 mm (18G) and tube size 60 mm x 30 mm x 1.6 mm (16G). Bed frame and Base frame is connected with linkages made from tube size 50 mm x 25 mm x 2.0 mm (14 G)
3	Backrest Section with X-Ray Permeable Top made from decorative laminated (compact) sheet of 8 mm thick with Cassette Holder.
4	Function operated via Patient Hand Set: Backrest, Knee rest, Height adjustment and Trendelenberg / reverse Trendelenberg.
5	All the above functions must be operated by Electric Linear Actuators
6	Lower Leg Section should be adjusted by Ratchet Mechanism
7	Backrest adjustment 0° to 70°
8	Knee rest adjustment 0° to 30°
9	Leg rest adjustment 0° to 24°
10	Trendelenberg tilt 0° to 15°
11	Reverse Trendelenberg 0° to 15°
12	Degree indicator required on both the side of backrest, knee rest & Trendelenberg / Reverse Trendelenberg positions
13	All electro mechanical actuators need to be compatible with class of IP 54
14	Bed Mounted of 125 mm dia non rusting twin wheel castor with central locking mechanism.
15	The bed has polymer molded head & foot panels detachable by hand without need of any tool. These head & foot panels are mounted in bracket and welded with bed frame. Four corner rubber buffers of 125mm dia
16	Safety side railing on both sides. These shall be fitted to the mattress support sections and should be able to raise and lock through spring lock mechanism when put down, they should undergo and level with the bed frame. There should not be any gap between railing and bed frame in order to avoid any entrapment of any body part of the patient
17	There should be four locations on the bed to hold one stainless steel rod
18	J hook should be made from SS provided to park I.V Rod when not in use.
19	Patient Working Load – Min 200Kg Safe Working Load 250Kg

20	Urine Bag Holder
23	All mild steel components should be thoroughly in House Pre- treated chemically to remove rust, grease oil etc by dip tank processes including separate degreasing pickling, phosphating each followed by water rinsing passivating and hot air drying to give phosphate coating.
24	The treated metal surface should then be coated in house with epoxy powder with paint film thickness of 60microns (minimum) and oven baked at 180deg to 200deg centigrade.
25	Product should be endorsed with quality certificates like CE Certificate, ISO Certificate (9001: 2008) (13485: 2012) (14001: 2004) OHSAS 18001: 2007

MATERNITY COT

- Bed portion Size: 2155mm (L) x 1010mm (W)x 880 mm (H) without mattress (all numerical parameters will have a tolerance of +/- 10%).
- Three section high pressure laminated top. It shall have detachable laminated tops for middle section and leg section for ease of cleaning
- Leg section can be telsscoped under backrest for lithotomy position
- Backrest, trendelenberg and height adjustment position operated by Electro Mechanical adjustment thru hand set, battery backup with inbuilt battery charger shall be provided. The hand set shall have indications for power on and the battery charge.
- All electro mechanical actuators need to be compatible with class of IP 54.
- The bed shall have work simultaneously on two actuators system for raising and lowering height. Bed frame made mainly from 60x30mmx1.6mm thick ERW tube with proper support. This frame shall be fitted on the base frame mainly made of 60x30x1.6mm ERW tubes on various supporting links.
- The base frame shall be mounted on 125mm dia. Non-rusting castor wheels with central and directional locking mechanism and pedal operated at the head end of the bed. Castor made from high grade non floor staining synthetic materials with integrated thread guards. Wheel centre having precision ball bearing to run smoothly.
- The bed shall have easily detachable moulded head & foot side panels. Four corner rubber buffers.
- Bed shall have swing down type railing; railing shall be made from non-rusting moulded material. These shall be fitted to the mattress support sections and should be able to raise and lock through spring lock mechanism through an operating lever.

- S.S.Saline rod with 12mm dia S.S rod shall telescope in S.S socket tube approx 15.8mm dia x 18G welded on angular base bracket of 14G SS sheet. Nylon bracket provided to prevent color damage it could be placed at two different locations.
- Patients bearing down hand grips should be made of 22mm dia 18 G stainless steel tube fixed with PVC handle and should have location adjustability for patient's convenience.
- A pair of upholstery aluminium lithotomic crutches mounted on SS rods.
- Waste collecting removable stainless steel tray shall be provided at perennial recess.
- It shall have foot support for high/low chairs position.
- The backrest and middle section shall have 75mm thickness foam mattress P.U 40D with rexine cover and zip. The leg section shall have 130mm thickness for purpose alignment with other adjustment sections. The PU foam shall have high resilience and radiolucent property. All MS parts should have powder coated.
- SS parts finished with Matt polish.
- This product should be US FDA/European CE/BIS approved.
- Manufacturer should have ISO 3485 certificate for utility standards
- Electrical safety confirms to the standard for electric safety IEC 60601-1.

INFUSION PUMP

- It should be a microprocessor controlled high-precision, intelligent drip type infusion pump, which is capable of accurately controlling the delivery rate of disposable IV set and monitoring the infusion course.
- It should be specially suitable for clinical treatments which require continuous and precisely controlled infusion at a constant rate. It is widely used in internal medicine, surgical, paediatrics, obstetrics, ICU, CCU wards, operating rooms and other clinical infusion treatments.
- It should have Large display, suitable for working in various ambient light conditions
- It should have Remote control makes operation more convenient
- Real time monitoring at the central station through wireless transmission
Simple and convenient operation.
- It should have three working modes: Rate/Volume/Time mode Purge, KVO function
- It should have Alarm function for Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle
- It should have Air Bubble Detector.
- It should have options to saves last Infusion and bolus rate.
- It should have Adjustable Mounting Clamps.
- Adjustable Drop Rate Range: 1 – 400 drops/min (step: 1 drop/min)

- Adjustable Volume Rate Range: 1 – 1200 ml/h (when 1-99.9 ml/h, step: 0.1 ml/h; greater than 99.9
- ml/h, step: 1 ml/h)
- Flow Precision: within $\pm 2\%$ (using calibrated high quality IV set) Mechanical precision: $\pm 2\%$
- Purge Rate: up to 800 ml/hr
- KVO Rate: 1 ml/h (1 – 300 ml/h); 3 ml/h (greater than 300ml/h)
- Infusion Volume Range: 1 ml – 9999.9 ml (step: 0.1 ml)
- Maximum Accumulated Volume: 9999.9 ml (step: 0.1 ml)
- Time Range: 1 min – 9999 min (step: 1 min)
- It should have following alarms Infusion Complete, Empty, Mis-operation, Faulty Signal, Occlusion, Air Bubble, Door Open, Low Battery, Setting Error, AC Off, Timeout.
- Should be supplied with stand
- Should CE/USFDA certified.

SYRINGE INFUSION PUMP

- It should be designed to combine high level of safety and performance with simple & reliable operation and offers comprehensive range of features making it ideal for general, critical care & neonatal infusion where accuracy is important.
- It should have Large display, suitable for working in various ambient light conditions
- It should have Remote control makes operation more convenient
- Real time monitoring at the central station through wireless transmission
Simple and convenient operation.
- It should have three working modes: Rate/Volume/Time mode Purge, KVO function
- It should have Alarm function for Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle
- It should have Air Bubble Detector.
- It should have options to saves last Infusion and bolus rate.
- It should have Adjustable Mounting Clamps.
- Adjustable Drop Rate Range: 1 – 400 drops/min (step: 1 drop/min)
- Adjustable Volume Rate Range: 1 – 1200 ml/h (when 1-99.9 ml/h, step: 0.1 ml/h; greater than 99.9
- ml/h, step: 1 ml/h)
- Flow Precision: within $\pm 2\%$ (using calibrated high quality IV set) Mechanical precision: $\pm 2\%$
- Purge Rate: up to 800 ml/hr
- KVO Rate: 1 ml/h (1 – 300 ml/h); 3 ml/h (greater than 300ml/h)
- Infusion Volume Range: 1 ml – 9999.9 ml (step: 0.1 ml)
- Maximum Accumulated Volume: 9999.9 ml (step: 0.1 ml)
- Time Range: 1 min – 9999 min (step: 1 min)

- It should have following alarms Infusion Complete, Empty, Mis-operation, Faulty Signal, Occlusion, Air Bubble, Door Open, Low Battery, Setting Error, AC Off, Timeout.
- Should be supplied with stand
- Should CE/USFDA certified.

FETAL DOPPLER WITH FHR DISPLAY

- It should be streamline and portable design, compact and light weight.
- It should have large LCD display with backlight and can be used in any illumination conditions.
- It should have high sensitivity interchangeable probe
- It should support 2MHz,3MHz,4MHz,8MHz waterproof probes.
- It should have built in speaker and sound output interface.
- It should have Automatic Power Off facility.
- It should have Real time FHR display average, FHR display and Manual Counting.
- It should have battery status indicator and low power inspection.
- It should have screen size of 45/25mm
- It should FHR range 50 – 120bpm and resolution of 1 bpm.
- Should CE/USFDA certified.

USG MACHINE WITH COLOUR DOPPLOR AND ECHO FACILITY

S/N	TECHNICAL SPECIFICATION
1	The unit should latest state of the art latest digital Color Doppler with broadband beam forming for abdominal, vascular, Obst. & Gynae , paediatric, musculoskeletal and small parts application. The models with following(or higher) specifications need to be quoted
2	The machine should be USAFDA or European CE certified
3	It should have at least 30,00,000 digital channels for high-resolution imaging
4	Acquisition rate of atleast 2000 frames per second
5	Imaging Modes: 2D, M Mode , color flow imaging , pulse Doppler , continuous wave Doppler, power Doppler and transcranial Doppler
6	The machine should have the facility forreal time 3Dand4D imaging with multi planar viewing and rendering capability3D/4D and MPR imaging should be available Volume display with surface rendering (transparency, brightness and lighting controls) ,X,Y,Z rotation capability Multi planar reconstruction(MPR) view display, specialized algorithms and maps to maximize three-dimensional display, Region of interest (ROI)trim tools on both volume and multi planar reconstruction (MPR)views, slice control on MPR and volume displays. Machine should be able to perform distance, curved distance, ellipse, trace, volume and stacked contour volume. It should display as1-up(full volume),4-up(volume/MPR) or direct 1slice display. Display of tick slice data and slice plane view of the 3MPR views
7	The machine should have facility for simultaneous dual/duplex/triplex mode display

S/N	TECHNICAL SPECIFICATION
8	Tissue harmonic imaging should be available on phased, linear, 3D and curved array transducers. Tissue harmonic imaging should be available in 2D, color flow Imaging, M. mode and 3D rendering modes
9	The machine should have tissue harmonic imaging in power Doppler Imaging mode for improved sensitivity and specificity in differentiating blood/agent from tissue
10	The machine should have contrast harmonic imaging and should have optimization settings to detect the contrast agents with quantification
11	Machine should be capable of real time compound imaging on linear ,curved and mechanical volume arrays The compound imaging should have multiple beam steered lines of sight
12	The machine should have facility for real time foetal echocardiography
13	High dynamic range of 270dB or more
14	The machine should have 256 Grey shades(8bit)or more
15	One touch image optimization should be available In 2D mode with one button automatic adjustment of TGC and Receiver gain and compression curve based on the range of detectable tissue signals
16	There should be one button automatic adjustment of Doppler PRF, baseline, dynamic range and gain in Doppler mode.
17	Pulsed wave Doppler should be available on all, imaging transducers with adjustable sample volume size:1.0-2.0mm (transducer dependent),simultaneous or duplex mode of operation, simultaneous 2D,color Doppler, pulsed Doppler, high PRF capability in all modes including duplex and triplex and automatic adjustment of scale and base line
18	System should support broadband/ wideband probes spanning with frequency range from 2-22 MHz (± 1 MHz). 19. The system should be able to capture all frequencies In a single probe without the need for user selection
19	High Q automatic Doppler analysis should be available with automatic real time and retrospective tracing of at least six of following user selectable parameter's: peak systolic velocity, end diastolic velocity, mean diastolic velocity, volume flow, time average mean velocity, time average peak velocity, resistive index, pulsatility index, systolic/diastolic ratio, acceleration/deceleration times
20	The machine should have built in ECG and physio logic signal module providing on screen ECG trace in B,M and Doppler modes, ECG sync with PW, CW or M mode, ECG signal for triggering
21	Spatio temporal image co-relation(STIC) imaging should be available to allow automated volume acquisition of fetal cardiac cycle with 2D and 3D color, user configurable acquisition time ability to stop acquisition and return to standby, ability to accept or reject detected hear rate. It should have capability of electronic volume probe for high frame rate volume scans in abdomen and obstetric applications
22	Coded excitation should be available to improve penetration and recover more tissue information for greater detail resolution at extended depths. Alternate technology for tissue attenuation correction is also acceptable
23	The machine should have cine loop review facility in individual; and mixed modes with memory up to minimum of 400images and 30seconds of Doppler/M mode data

S/N	TECHNICAL SPECIFICATION
24	The machine should have facility of direct storage and retrieval of B/W and color images(both frozen and cine loop) in the inbuilt hard disk drive In built hard disk storage for Images should be more than 20,000 images or 500 GB atleast
25	Support atleast three transducers with pinless ports allowing any transducer to be connected to any port
26	A high resolution fully articulating non-interlaced flicker free, antiglare, flat panel display of 19 inches or more, with tilt and swivel facility
27	System should have features including display annotation, patient ID display and alphanumeric keyboard with Track Ball , with provision for reverse, invert facility
28	Computer package for measurement and calculation, provision for distance, area, volume and circumference
29	Complete obstetric, cardiac ,vascular, renale valuation package should be available
30	Zoom facility (upto 6 times or more magnification) with high resolution results and pan capability in both real time and frozen images with facility of pre and post processing
31	The system should have CD-DVD and USS archival (DICOM and PC format)
32	It should be DICOM (3.0 or higher version (ready with print, save, modality work list for connecting to PACS system
33	Unit should have a four caster design with braking system
34	Image management system along with color laser printer of HP/Canon/Sony/Epson make. Color laser printer to be attached to the machine. Five original cartridges per year per color laser printer to be provided for next 10years
35	One UPS with 30 minutes bock up time, one each for ultrasound units and computers (of image management system) Alternatively, the machine and / or computer may have in built battery back-up
36	The unit should have the following electronic probes: I. Broadband Convex array transducer 1-8 MHz with biopsy guide one probe II. Linear array transducer 4-15 MHz. III. Endo cavitary probe 4-9 MHz with biopsy guide for transvaginal and transrectal imaging-one probe. IV. 4D probe 1-8 MHz for abdominal and gynecological imaging one probe.(mechanical probe also acceptable)
37	Price of each probe should be quoted separately also

FETAL MONITOR WITH DISPLAY

- The unit should be light weight and compact, the external and internal monitoring parameters ensure it can be used up to second stage labor.
- It has a provision to connect with central monitoring station.
- 8.4" foldable colour LCD display.
- It should able to display waveforms and digits simultaneously.

- And also the following parameters like Data, time, Toco Trend graph, paper speed, FHR type, FHR trend graph, FM, Bed No, etc.
- It should have storage facility of 12hrs data and waveforms and able to review.
- It should have FHR upper and lower limit alarm.
- It should have Twins Monitoring function(Optional)
- It should have High sensitive 9 elements 1MHz Pulse Doppler transducer.
- It Should have high resolution built in printer.
- It should FHR range 50 – 210bpm.
- It should have FHR resolution of 1bpm and accuracy of ± 2 bpm.
- It should have TOCO Range 0-100%.
- It Should have TOCO resolution of 1% and Non – Linear error: $\leq \pm 8\%$.
- It Should have Zero Control in Manual.
 - Should be supplied with stand
- Should CE/USFDA certified.

MULTIPARA BED SIDE MONITOR INVASIVE BLOOD PRESURE

- Digital Multipara monitor 15" touch screen with Six Wave forms having facility of vital sign (ECG, HR, SPO2, NIBP, RESP, Two TEMP and Two IBP with Two IBP cables , 25 Transducers Disposable and Main stream ETCO2 Ready) suitable for all type of patient.
- It should have simultaneous monitoring of all the vital sign with Graphical and numerical data saved for last 120 hours.
- It should have facility of Arrhythmia recall.
- Should have high resolution medical grade LED Screen ,Touch Screen.
- NIBP Tube length approx 60 cm long.
- NIBP Measuring range: up to 300 mmHg
- Minimum graduation: 1 mmHg
- Accuracy: $\pm 5\%$
- Medical grade LED 15" display readable in low light working situations, display cover durable plastic
- Displays reports: systolic, diastolic and mean pressure and heart rate
- Power consumption: 30 W
- Should have provision for external printer connection
- Should work on power line as well as battery
- Light weight design for portability
- High performance Li-ion rechargeable battery
- Battery life should be minimum: 5 hours of normal use
- It should work on 210/270 volts 50/60Hz, Single phase

- Supplied with Powder card, 3pin molded plug
- Well Packed in Individual
- Should be supplied with stand
- Manufacturer should have a European CE or USFDA
- Supplied with all standard accessories.\
- To be wall mounted with basket for accessories and brackets.

BABY RESUSCITATION KIT

Consist of

Infant Silicone manual resuscitator (250ml), Silicone face mask(250ml), Silicone Airways, Foot Suction, Laryngoscope and Kit bag.

Infant Resuscitator 250ml

- Rugged, 100% Autoclavable, Reusable
- Non rebreathing valve
- Pressure release valve
- 250ml silicone bellow
- 360 Degrees swivelling patient connector
- Corrugated PVC open oxygen reservoir
- 1.5 metre Oxygen tubing

Silicone Face Mask

- Rugged, 100% Autoclavable, Reusable
- Size 00 and size 01

Silicone Airways

- * Rugged, 100% Autoclavable, Reusable
- ARW 1001(set small) sizes 000, 00, and 0

Foot Suction

- * Compact, Lightweight, easy to handle and operate
- Durable rubber bellow
- Long lasting SS spring to provide friction free pumping
- Autoclavable polycarbonate vacuum jar with lid (500ml)
- Scratch proof powder coated frame

Laryngoscope

- Stainless Steel straight blade size 0 and 01
- Penlight handle

Kit Bag

- Shoulder carry rexene kit bag
- **Should CE/USFDA certified.**

CRASH CART

- Overall size shall be more than 900mm L x 500mm W x 1500 mm H.
- The crash cart should be made of SS grade tabular frame and SS sheet grade.
- Should have push handles
- Should have SS Shelves, Six color removable bins & two polystyrene lockable storage units with three drawers each.
- Facility to carry any Monitors or Defibrillators, etc. On open areas at top and bottom shelves
- Should have Stainless rods fixed with.
- Two accessory mounting brackets to mount accessories anywhere without the need of pre-threaded holes.
- Crash cart should be mounted on 12.5cms dia non-rusting swiveling castor wheels, two having locking arrangement.
- It should be robustness in quality.
- Device is produced by ISO certified manufacturer

DEFIBRILLATOR

1. The machine should have facility for ECG Monitoring, defibrillation, external pacing (Transcutaneous) & recorder.
2. The Defibrillator should be Biphasic technology, having energy selection up to 200 joules or more.
3. It must be capable of monitoring ECG through ECG cables, Multi function electrodes and paddles.
4. The machine should be able to defibrillate Adult, Pediatric patients with external paddle Pip.
5. The machine should have ECG waveform display on bright high resolution display.
6. The machine should be compact, portable with inbuilt rechargeable battery.
7. The machine should have in built recorder printing ECG trace & stored information.
8. The machine should have a facility of External non-invasive pacing , upgradable to SPO2 and NIBP, 4 set of pad for each machines.
9. The machine should have option for Internal Handle
10. The machine should have facility to increase/decrease energy selection on paddles or on unit.
11. The machine should work on mains as well as on rechargeable battery
12. The charging time should be less than 10 secs at maximum energy.
13. Should be supplied with stand
14. The unit should be strictly U.S FDA or European CE approved.
15. 200 Joules X 30 Shocks.
16. Should work without batteries also.
17. Paddle should have charging and give shock buttons.

18. Chest wall impedance measurement.

XRAY MACHINE (200MA or more)

High Frequency mobile X ray machine with output 200 mA or more. The mobile x ray equipment is required to perform x ray studies in emergency and trauma centre and bedside in wards and ICU. The unit should be compact, lightweight and easily transportable. It should have following specifications. The system should have been quality certified.

The unit should be operative on mains voltage from single phase 180-260 V AC with automatic main compensation

1. Generator

- i) Power : 10 kW or more
- ii) kVp. Range :40–100 kVp or more
- iii) m AS Range : 125mAs or more
- iv) mA range : 10 mA to 100 mA or more
- v) Exposure Time: 5ms to 2 sec

2. The Digital Display

kV and mAs parameters, SystemON, System OFF, status and fault messages on the kV and mAs area

3 X-ray Tube

Stationary/Rotating Anode tube with focal spot 1.8 X 1.8 mm or better

4. Tube Stand

The tube stand should be fully counterbalanced / spring balanced articulated with tube head rotation in all directions.

5. Collimator:

Collimator rotation should be +45 to -45 degrees with auto shut off lamp facility.

6. Cassette storage box

The equipment should have cassette storage box for minimum of 4 cassettes.

7. Ergonomics:

The unit should have small foot print. The height of the column stand should not be more than 150 cm for easy transportation in the lift etc. and areas with small height doors. The equipment should be light weight, not more than 200 kg.

8. Certification:

- i) System be AERB type approved
- ii) The Bidder should assist the institution for e-LORA registration formalities
- iii) Regular QA according to AERB norms will be responsibility of bidder during warranty and CMC period

9. Accessories:

- i) Light Weight Lead Apron -2 Nos (Equivalent to .25 mm lead)

PUMP SUCTION FOOT OPERATED

- Foot-operated suction pump
- High performance suction pump for pharyngeal and tracheal suction
- Double acting piston pump provides a combination of large airflow and high vacuum

- See-saw movement of pedal generates suction every time one side of the pedal is depressed
- Pump chassis complete with valve diaphragms, manifold pipe, bottom cover, cylinder with draw link and valve diaphragm, piston O-ring, pedal with retaining springs, aspirating tube with angle connector and combination suction tip
- Pump can be totally disassembled, is easy to clean and disinfect
- All parts can be autoclaved at 121°C
- Vacuum, max: 400 mmHg
- Free airflow at two pumping strokes per second, approx: 30 to 40 L/min
- All parts made of high-strength, long-life materials, not requiring specific maintenance or storage
- Transparent polycarbonate collection container capacity, approx: 1 L
- Bottom cover: thermoplastic rubber
- Manifold pipe: polypropylene
- Gasket, O-rings and valve diaphragm: silicone rubber
- Piston rings: Teflon
- Foot pedal: Aluminum
- Device is produced by ISO 9001 certified manufacturer
- Device is safety certified according CE 93/42, FDA 510k or equivalent

Supplied with:

- 1x set of silicone rubber suction tubing, approx: diam. 10 mm, length 1.5 m
- 1 x angle connector and combination acetal suction tip
- 1 x spare valve diaphragms
- 1 x spare piston O-ring
- 1 x spare retaining springs,
- User manual with trouble shooting guidance, in English
- Assembly, Installation and Training at end-user site

TRANSPORT VENTILATOR

- Transport Ventilator for Neonatal patients to Adults, Weighs less than 6 Kgs
- 7" LCD Color Touch screen display
- RS232-C interface to remote assistance
- Keys: standby; Hold Insp; Hold Exp; O2 100%; Manual Insp; Lock
- Measurement of: pressure, flow, concentration of oxygen in the breathing circuit, Barometric and pipeline pressure measurement
- Speaker to indicate alarm and alerts

- 24Vdc external inlet
- Galvanic oxygen sensor (built-in as standard)
- Power supply AC/DC 100-240Vac to +12Vdc
- Handle that can also be used to fix on stretcher or ICU bed
- Peak flow: 180L/min
- Automatic Barometric Pressure Compensation
- Invasive and Non Invasive ventilation

Modalities

- VCV,PCV,PLV(can be assisted); V-SIMV+PS; P-SIMV+PS; DUALPAP/APRV; CPAP/PS;

Controls

- Tidal volume: 50 to 2500ml in volume controlled modes, 10ml tidal volume with Pressure Based modes
- Rate: 0 to 60bpm
- Rise time: 1-9 (PSV & PCV) , 50 to 90%, Off (VCV)
- Inspiratory Pause: 0 to 70%
- Maximum Pressure Limit: upto 60cmH₂O
- Inspiratory Pressure: 4 to 60cmH₂O
- PS- Pressure Support: OFF ; 4 to 60cmH₂O
- PEEP: 0 to 30cmH₂O
- Superior Flow Triggering , patented Esync triggering mechanism
- Flow Trigger: OFF; 0.5 to 30.0L/min
- Flow Cycling (PS): 5% to 80%
- O₂ Concentration: 35% to 100%
- Inspiratory Time: 0.3s to 5s
- CPAP : 1 to 40 cmH₂O
- Pressure High : 1 to 60 cmH₂O; Pressure Low : 0 to 40 cmH₂O
- Time High : 0.20 sec to 59.80 sec.; Time Low : 0.2 sec. to 59.80 sec.
- I:E Ratio : 1:4 to 4:1
- Backup ventilation : Available in all spontaneous modalities
- Inspiratory Flow : 0 to 180L/min.
- Automatic adjustment of parameters according to patient weight

Ventilation Monitor :

- Curves : Pressure x Time; Flow x Time; Volume x Time
- Loops : Volume x Pressure; Flow x Volume
- Curves :SPO2 x Time with numerical values
- Bar graph of Instantaneous Pressure
- Maximum Pressure; Mean
- PEEP
- Inspiratory Volume, Expiratory Volume, Minute Volume, Spontaneous Volume, Spontaneous Minute Volume
- Static and Dynamic Compliance
- Airway Resistance
- Inspiratory and Expiratory Time
- I:E Ratio
- Respiratory Frequency Total and Spontaneous
- FiO2

Alarm System and Safety :

- Anti-Asphyxiation valve
- Safety relief valve 100hPa
- High / Low Pressure; OFF; 1 to 80 cmH2O
- High / Low Peep; OFF; 1 to 80 cmH2O
- High / Low Minute volume; OFF; 0.1 to 99 L/min
- High / Low Respiratory Rate; OFF; 1 to 150 bpm
- Apnea; OFF; 5 to 60s
- Automatic Alarm Adjustments : OFF; 10, 20 or 30%
- Low Battery
- Low O2 Pressure
- Respiratory Circuit Disconnection / Obstruction
- AC input fail
- High / Low SpO2
- High / Low Cardiac Frequency OFF – 40 – 180 BPM
- High / Low EtCO2; OFF; 1 to 80mm Hg
- Inspiratory CO2; OFF; 1 to 80mm Hg
- CO2 out of range
- Sensor out of finger

Battery :

- Internal Li-ion Battery 11.8VDC, Intelligent Battery Charger, **Internal Battery**

Autonomy : Min 4 h

Connection to Oxygen Supply :

- Certifications : CE/USFDA

INTENSIVE CARE VENTILATOR

- Should be a microprocessor controlled ventilator with minimum 8" colour TFT touch screen integrated graphics and easy to use rotary knob operation providing support to Adult, Pediatric and Neonatal ventilation.
- Should have Air supply integrated ultra-quiet turbine or external compressor from the same manufacturer
- Should be based on reliable flow measuring technology, preferably proximal flow sensor which ensures the most precise flow and pressure measurements for better patient assessment.
- **Ventilator modes** : Assist / Control Mandatory Ventilation (A/C); SIMV; CPAP; Pressure Support Ventilation (PSV); APRV, DuoPAP / BiPAP / BiPhasic; Combination / Dual modes like PRVC/APV/Auto mode.
- Should have advance modes like NAVA/Smartcare/ASV/PAV+
- Apnea Back-up and any other mode for safe ventilations offering both volume guarantee & lung protective strategies like volume limit etc.
- It should have enhanced Invasive as well as Non-Invasive Ventilation modes with facility of effective leak compensation.
- **Controls:** Tidal volume 2 to 2000 ml in Volume Control Mode or better
- Respiratory rates 4 to 80 BPM or better,
- Peak flow setting from 0 to 240 lpm or better
- Trigger sensitivity:- Flow 0.1 to 20 l/min
- PEEP : 0 to 35 cm H₂O or better.
- FiO₂ : 21 to 100 %.
- I:E ratio 1:9 to 4:1 (DuoPAP/BiPAP/BiPhasic 1:599 to 149:1)
- Inspiratory time (TI) 0.1 to 12 s
- Pressure control 3 to 60 cmH₂O, added to PEEP/CPAP
- Pressure support 0 to 60 cmH₂O, added to PEEP/CPAP
- Pressure ramp 0 to 2000 ms
- Expiratory trigger sensitivity (ETS) 5 to 80 % of inspiratory peak flow
- Should have facility of Manual breath, O₂ enrichment, standby, screen-lock, apnea backup ventilation, inspiratory hold, screen-shot, suctioning tool, dimmable screen,

configurable Quickstart-Settings, start-up over body height and IBW

- Facility to permanently deactivate the O2 alarm, if the O2 cell is depleted or defective.
- Should have integrated nebuliser synchronized with inspiratory cycle.
- **Alarms** low/high Minute Volume , Low/high Pressure, Low/high tidal volume, low/ high Rate , Apnea time, low/high oxygen, Oxygen concentration, disconnection, loss of PEEP, exhalation obstruction, flow sensor, power supply, batteries, gas supply
- **Display:** Should have Real-time visualization of the lungs with representations of tidal volume, lung compliance, resistance, and patient activity
- Should have Visual representation of ventilator dependency, grouped into oxygenation, CO2 elimination, and patient activity
- Should have Graphic display of target and actual parameters for tidal volume, frequency pressure, and minute
- Ventilation
- Should have Real-time waveforms Paw, Flow, Volume,
- Should have facility to show at least 1 Loops: P-V, V-Flow, and P-Flow
- Should have graphical or tabular trends for minimum of 1h, 6h, 12h, 24h, and 72h with 1 minute resolution.
- Should display 50 monitoring parameters including Exhaled tidal volume, Breath rate, I: E ratio, FiO2, Peak Pressure, Mean Airway Pressure, etc.
- Source input pressure of oxygen: 40 to 60 psi. Facility to also input low pressure O2 is also desirable.
- Should work with double limb patient circuit both reusable & disposable
- Complete with Reusable Silicon Breathing circuits (1 Nos. each) for Pediatrics & Adult; & Autoclavable Expiratory valve/ Expiratory cassette assembly complete. The complete unit must be mounted on a pedestal stand / for easy movement of the complete ventilator within hospital.
- Ventilator should be supplied with Autoclavable flow sensors (2 no's) for adult/Pediatric application and 5 no of single use flow sensor for the neonatal ventilation, with each ventilators.
- Internal rechargeable battery with minimum operating time of at least 4 hours for complete Ventilator.
- Ventilator should also be upgradable to inbuilt volumetric ETCO2, nCPAP/NCPAP-PC, SPO2.
- Should have Interface connectors USB, RS-232, nurse call
- Ventilator should be US FDA or CE Certified.

MOVEABLE SHADOW LESS SPOT LIGHT

- It should be made up of high quality sterilizable handle with protective fire resistant ESG safety glass for scratch proof, fast disinfection process, protects UV and IR rays and improve light penetration with special European design for ventilation of heat and body is made of high quality fire resistant polymer.
- It should have fixed colour temperature.
- It should have adjustable focusing system
- It should have maximum of 130000lux and 12-30 cm size of field.
- It should have 70 nos LED in the Dome and each have 50000hrs self life.
- It should have 600mm diameter of light.
- Colour reduction index should be 93RA and colour Temperature 4000-5000.
- The unit should be strictly U.S FDA or CE approved

BLOOD WARMER

- It should be superior performance results in warmer patients
- It should have Less maintenance time for nurses and technicians
- It should be operate in triple lumen tubing to maintains layer of 42°C circulating solution around IV line
- It should Keep blood and fluids warm between 37– 42°C
- It should eliminates patient line cool down
- It should be once-a-year reservoir maintenance protocol
- It should be easily maintains microbe-free environment
- It requires less priming volume
- It should be easy to set up
- It should be easy to disconnect from the patient
- Helps you meet accreditation compliance requirements

INTERMITTENT COMPRESSION DEVICE FOR DVT

- It should have sequential compression pattern.
- Sequential Air Compression Device with REVERSE & SKIP function used for
- Lymphatic Drainage
- Lymphatic Edema
- Varicose Veins
- DVT(Deep Vein Thrombosis)
- CVI (Chronic Venous Insufficiency)

- Vascular Problems
- Swollen legs
- Edema
- It comes with standard 6 Chambers Legs fittings, Waist & Arms fittings are optional

CENTRAL MONITORING STATION

- It should be software based technology, to connect all the multipara meter monitor via lan network and able view all the parameter in single place.
- It should have 19" screen size or more
- It should have battery backup for at least 30 minutes

AIR MATTRESS

- It should have bubble mattress
- It should have 2 to 1 alternating therapy
- It should have adjustable hangers for most bed types
- It should be made up of durable PVC
- It should have extension flags for stabilization
- It should have high quality pump
- Easy to use adjustment from 1 to 10
- It should have 6 minutes time cycle

ABG MACHINE

- It should be capable of doing Blood Gas, Electrolytes and Metabolites on a handheld device at bedside in about 30 seconds.
- The Blood Analysis System improves patient safety, provider satisfaction, workflow and operational efficiencies by eliminating steps, making it safe and cost effective.
- It should have Wireless communication of results.
- Test cards are able to store in a room temperature.
- It should be capable of doing 11 Analytes on 1 Test Card:
 - pH, pCO₂, pO₂, Na⁺, K⁺, Ca⁺⁺, Glu, Hct, Lac, Crea and Cl⁻
- Calculated values:
 - cHCO₃⁻, cTCO₂, BE(ecf), BE(b), cSO₂, cHgb, eGFR, eGFR-a, AGap, and AGapK
- It should have full menu on Single Card
- It should have Barcoded Lot & Exp Date
- It should have Integrated 1D (2D*-ready) Barcode Scanner
- It should have Critical Result Management
- A clinically driven, patient-centered testing process

- It should offer immediate, effortless transmission of test results from patient-side to EMR, wirelessly
- It should provide the laboratory centralized control of decentralized testing via flexible data management solutions
- It should be CE/USFDA certified.

UPS (30 KVA)

UPS Panel: -

The UPS panel should be self-supporting stand-alone type panel with mounting facility to install over the floor.

1. Input

- A. Voltage: - 3 phase 415 V AC Supply
- B. Frequency: 50 Hz

2. Output

- A. Voltage: - 240 V AC + 5 %
- B. Frequency: - 50 Hz + 3 %
- C. Power: - 30 KVA continuous
- D. KW rating – more than 0.7 time of 30 KVA
- E. Phase: - 1 phase
- F. Total Harmonic Distortion < 3 %
- G. Individual Harmonic Distortion < 5 %
- H. Line regulation < 5 %
- I. Load regulation < 5 %
- J. Startup time < 1 milliseconds

3. Environment

- A. Temperature: - 0 to 450 centigrade
- B. Humidity: - 90 % relative
- C. Cooling: - forced cooling

4. Efficiency : more than 90 %

5. Controlling: Solid state Control

6. AC-DC converter – Fully controlled bridge rectifier

7. DC-AC conversion – MOSFET / IGBT based inverter (Party has to specify the technique) 8.

Ripple in output of regulator circuit: - 4 V AC Peak to Peak maximum

9. DC battery charging voltage should be user selectable by means of potentiometer on the card (not on the front panel).

10. Indicators—all the indicators are of solid state LED type, lamp type indicators are not acceptable

- A) AC mains – set of 3 LED for each Phase
- B) Low output voltage

- C) Low DC voltage
- D) Rectifier failure
- E) Inverter failure
- F) Battery over charge
- G) Battery fully discharge
- H) Boost charging
- I) Float charging
- J) Extended charging
- K) Bypass mode on

11. Protections

- A) Low output voltage
- B) Low DC voltage
- C) Rectifier failure
- D) Inverter failure
- E) Battery current limit
- F) Incorrect phase sequence (rectifier shall trip)

12. Meters

- A) Input AC voltage
- B) Output AC Voltage
- C) Output AC current
- D) Battery/DC voltage
- E) Battery / DC current

13. Controls- Switch

- A) AC mains ON / OFF
- B) Inverter ON/ OFF
- C) Battery Connect/ Disconnect
- D) Load ON/OFF E) Indicator test
- F) Alarm acknowledgement
- G) Alarm Reset
- H) Battery charging auto /manual /boost mode

14. Cooling fan for power circuits

15. Exhaust fan for cooling of overall equipment

16. Auto detection of battery charging option float /boost/ extended charge.

17. Bottom entry of cable.

3. Battery Bank: - Battery bank is to be supplied with UPS equipment as apart of UPS equipment. Battery should be maintenance free sealed. It should be given back up supply to load for a period of three hours at full load.

- Party has to specify the type of battery offered by them with make and model no.

- Party has to specify the operating temperature of battery offered by manufacturer.
- Battery shall be enclosed in a suitable housing with adequate ventilation.
- Battery and UPS will be in common room and distance between Battery and UPS is 15 meter approximately.

4. General: -

- Burnt up test- system test for working satisfaction for 100 hours
- Battery test at full load for 4 hours
- Cabling between battery and UPS including supply of cable in suppliers scope
- Guarantee period of 12 months
- Party has to supply the manual, circuit diagram in hard copy and softcopy in CD with equipment.

Desktop (ISO, Microsoft & Linux Certified)

- Intel core i3 processor,
- 8 GB DDR4 RAM, 10/100/1000 Gigabit Fast Ethernet,
- 18.5" LED Screen, Keyboard, Mouse,
- Windows 10 professional,

Multifunction Monochrome LaserJet Printer (Print+Copy+Scan)

Print

- Speed – 25 PPM
- Resolution -- 600*600 dpi
- Duplex Printing -- Yes
- Paper Size -- A4, Legal & etc.

Copy

- Speed -- 25 PPM
- Resolution -- 600*600 dpi

Scan

- Type -- Color
- Resolution -- 600*600 dpi
- Scan Support --Flat bed, ADF

Others

- Connectivity ---USB2.0,10/100 Base T-Ethernet
- Wi-Fi
- Document Feeder --- Auto
- Device Memory --- 512 MB
- OS Support -- Windows

MEDICAL GAS PIPELINE SYSTEM

S.No	Descriptions	Qty	Unit
1.GAS PIPELINE WORK DETAILS			
1	Oxygen Manifold		

S.No	Descriptions	Qty	Unit
	<p>Cylinder Oxygen Manifold would be suitable to withstand a pressure of 140 Kg/Cm² and above along with high pressure copper annealed tail pipes with end Brass adapter suitable for Oxygen Cylinders and manifold.</p> <p>Top frame comprising of high pressure copper pipes of size 12mm I.D x 1.5mm wall thick, with high pressure brass fittings made of high tensile brass and connections through non-return valves; high pressure copper tail pipes, made of high pressure copper pipe of size 7mm I.D x 1.5mm wall thick. The design of middle and bottom frames would be provided to fit both round and flat bottom cylinders safely. The manifold would be tested (hydraulically) at 3500 pig</p>		
a	2+2 Oxygen Manifold , High Pressure Tail Pipe with NRV	1	No.
2	Fully Automatic Oxygen Control Panel	1	No.
	<p>The fully automatic control panel would be the following features:</p> <ul style="list-style-type: none"> • Would be enclosed in a metal cabinet with a hinged cover. The side covers of the panel would be made of fiber glass. • Panel cover would be fitted with a lock to prevent unauthorized access can be swung open for maintenance. • Would be Fully Automatic Changeover operation and no manual action • The service gas would pneumatically operate gas change over system. • Delivery of gas through control panel would not be dependent on electricity. • Would be capable of delivering very high flow rate not less than 1300 litres per minute at delivery pressure. • Would have Visual indication of the • state of the manifold by 3 gauges within the control panel, which would be clearly visible through the transparent cover. • Would have Audio – visual alarm indication for changeover of empty cylinder bank to filled cylinder bank. • Built in transformer to ensure safe operation by low voltage. <p>Microprocessor based alarm signal control with high 'db' Siren system.</p>		
3	Compressed Air Base Unit		
a	<p>Air Compressor of Capacity 5HP Type : Reciprocating, Air cooled Capacity : 15.5 cfm 439 lpm No. of Cylinders : 2 Nos. in each Air Compressor Drive : Belt driven No. of Air Compressors : 1 Nos. Motor Capacity : 5 HP Receiver type : Vertical type with inlet, outlet & drain provisions</p>	1	Set
b	Receiver Capacity : 750 litres water capacity	1	
c	Electric Motor 5HP /3.7 Kw	2	
d	Dryer	1	
	<p>Air Drier Type : Heatless Desiccant Type Air Drier Make : Trident/GEM Air Drier Capacity : 15 cfm No. of Air driers : 1 No.</p>	1	
e	Pressure Gauge	1	
f	Cut of Valve	4	
g	Air Filter	1	
h	Air Pressire Switch	1	

S.No	Descriptions	Qty	Unit
i	slicer	1	
4	Vacuum Base Unit (5HP)	1	Set
a	Type : Reciprocating, Air-cooled Capacity : 60cfm, 1699 lpm No. of Cylinders : 2 Nos. in each vacuum pump Drive : Belt driven No. of Vacuum pumps : 1 Nos. Motor Capacity : 5 HP, kw 3.7 Receiver Capacity : 750 liters water capacity vertical	1	
b	Electric Motor 5HP / 3.7KW	2	
c	Vacuum Tank 750ltr	1	
d	Non - Return Valve	1	
e	Vacuum Switch	1	
f	Vacuum Gauge	2	
g	Isolation Valve	1	
h	Vacuum Filter	1	
i	Inter-Connecting Pipeline 42mm	3	
5	Copper Piping & Fitting :		
	All copper pipes would be Solid drawn, seamless, deoxidized, non-arsenical, half hard, tempered and degreased materials conforming to BS:EN :13348:2001 + A1:2005 Pipes sizes would be used as under: Copper Fittings: Fittings would be made of copper and suitable for a stem of working pressure of 17 bar and would confirm to BS 864 with specially made for brazed socket type connections.		
b	15mmX0.7mm	145	Mtrs
c	22mmX0.9mm	530	Mtrs
6	GAS OUTLET POINTS with Probe		
	Would have terminated properly Double locking Front Loaded which have a parking facility which also avoids interchanging of outlets and keys including all accessories .(Fully Metal Outlet)		
a	Oxygen	10	Nos.
b	Med Air4 bar	10	Nos.
c	Vacuum	10	Nos.
7	BPC Oxygen Flow meter with Humidifier Bottle:		
	<ul style="list-style-type: none"> • Flow meter would be Backpressure Compensated. • Flow meter would be accurate gas flow measurement and control within a range of 0-15 litres per minute. • It would meet strict precision and durability standards. • Flow meter body would be made of brass material. • Flow tube and shroud components would be made of clear, impact resistant polycarbonate. • The humidifier bottle would be unbreakable polycarbonate material and autoclavable at 134 degrees centigrade. The humidifier would have built in safety valve.	10	Nos.
8	Single piece wall mounted suction collection & regulation unit		

S.No	Descriptions	Qty	Unit
	With jar capacity of 600ml each shall be provided at each of the bed side. Jars are would be made of autoclavable materials. The units shall be clamped to the wall using suitable clamps.	10	Nos.
9	ISOLATION VALVES: LEAK CLASS		
	Would be 900 turn, ball valves of brass body, duly chrome plated on the outer periphery, SS ball with high quality Teflon seated, connected to pipeline with brass ferrule for easy maintenance. ID of the copper pipe and the ball valve would have same dimensions to avoid the flow friction		
	15mm	1	No.
	22mm	6	Nos.
10	Area Alarm		
	Area Gas alarm panel Six Lines, Would audio- visual alarms for each gas used on the floor and come fitted with test and mute button. Running on electricity 220V, these units are suggested to be fitted on each floor as well as areas of heavy usage. It would be fitted with a pressure gauge. It indicates low, medium & high pressure sensors. (Digital)		
a	Area Alarm for Five (2Gas + 01 Vacuum) Services	1	No.
11	Bed Headed Panel . (Running) - 02Feet Long		
	Aluminum Die Pressed Bed head panels Would have bellow Accessories 1. IV Stand. 2. Monitor stand wall mounted. 3. Ward vacuum unit clip. 4. Provision Gas/Vacuum outlets as follows:- ü One oxygen outlet. ü One Vacuum outlet. ü One Compressed Air outlet 4 Bar.	10	Nos.
12	Civil Work (Basement and Compressor room with roof) (10' Length X 6' Breath x 8' Height)	1	Job
13	Electrical work (IDB, MCB, anf 3 phase incommer Wiring for Compressor)	1	Job

Section – VII
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 with e mail address.
- b. Telephone number
- c. Fax number
- d. E-mail

02 Quality control arrangement details

- a. For final product evaluation

03 Test certificate

- held a . Type test
- b . BIS/ISO certification
- c . Any other

Signature and seal of the Tenderer

Section – VIII

Qualification Criteria

Sl. No.	Minimum Eligibility Criteria	Narrations
1	Authority to tender	The Tenderer must be a Manufacturer or Authorized Agent/dealer/Distributor or Consortium partner.
2	Entirety	The tenderer shall quote for all items in the list of requirements, if any of the item (s) not quoted then their bid will be treated as non responsive.
3	Experience	<i>The tenderer shall have successfully established atleast 1 similar health facility on turnkey basis (ICU/NICU/PICU/BMT/IVF/OT etc) during last five years prior the date of Tender opening with similar equipment performing similar functions and meeting major specification parameters of the quoted item, which is functioning satisfactorily in India.</i>
4	Financial capability	The annual sales turnover for the bidder should be minimum of Rs. 1.5 Crore in each year for the last 3 financial years: During the year (2016-2017 to 2018-2019), and it should be certified by the chartered accountants. by Chartered Accountant shall be enclosed– Proforma 'A'- I
5	Responsiveness to List of Equipments	The items quoted shall be responsive to the requirements in the List of Equipments in the Tender.

Note

1. In support of 3, the Tenderer shall furnish Performance statement in the enclosed Proforma 'A' II (SECTION- IX) duly signed by the Purchaser
2. 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 VII.
3. 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.
4. 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.

**Section – IX A
TENDER FORM**

Date _____

To

**Vice President (Marketing)
HLL Lifecare Limited
(A Government of India Enterprise),
Central Marketing Office, HLL Bhavan, #26/4,
Tambaram-Velachery Main Road, Pallikaranai, Chennai-600 100
Email: hcdcmo@lifecarehll.com**

TENDER No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____, dated _____ (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver _____ (Description of goods and services) in conformity with your above referred document for the sum of _____ (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

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

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - IV – “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, 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

PROFORMA 'A' I

Name & Address of
Tenderer :

Whether
Manufacturer or
agent :

Financial Data 16-17 17-18 18-19 Average annual turnover for last 3 years

Annual Turn

over Gross

Profit/Loss

Whether attached the relevant
Pages of Balance sheet and
Profit and Loss A/c duly
certified By Chartered
Accountant

Signature and stamp of Chartered Accountant

Signature of Tenderer with stamp

PROFORMA 'A' II (Documentary proof for Proforma 'A')
PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last three years)

Tender Reference No. : _____

Date of opening : _____

Order cross reference No. : _____

Name and address of Purchaser : _____

Country of origin, Name and address
of the manufacturer/Tenderer : _____

Order placed by (full address of Purchaser)	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
				As per contract	Actual		
1	2	3	4	5	6	7	8

Date:

Signature and seal of the Purchaser

NB: Satisfactory performance certificate from clients to be enclosed

Section – IXB
TENDER FORM (for price bid)

Date _____

To

Vice President (Marketing)
HLL Lifecare Limited
(A Government of India Enterprise),
Central Marketing Office, HLL Bhavan, #26/4,
Tambaram-Velachery Main Road, Pallikaranai, Chennai-600 100
Email: hcdcmo@lifecarehll.com

Tender No. _____ dated _____

We, the undersigned have examined the above mentioned TE document, including amendment/corrigendum No. _____ dt. _____ (if ny), the receipt of which is hereby confirmed. We now offer to set up 10 Bedded Intesnive Care Unit on turnkey basis conformity with your above referred document for in the sum of _____ (total tender amount in figure and words) as shown in the price schedule(s), attached herewith and made part of this tender. If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - IV – “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 – “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 – X PRICE SCHEDULE (A)

A) PRICE SCHEDULE FOR EQUIPMENTS

SI No	Brief Description of Goods	Brand / Model	Make / Country of Origin	Qty	Price per unit (Rs.)							Total Price (at Consignee Site) basis (Rs.) 4 x 5(f)	
					Basic Rate Per Unit	GST		Freight & Insurance & Delivery at Destination		Service charges, if any, specify	Other charges, if any, specify		Unit Price (at Consignee Site) bas (f) =a+b+c+d+e
						(a)	(b)		€				
						%	Amt	%	Amt				
1	ICU Bed			10									
2	Maternity Cot			1									
3	Infusion Pump			10									
4	Syringe Pump			10									
5	Feotal Doppler			5									
6	USG Machine with Colour Doppler and Echo Facility			1									
7	CTG Machine			3									
8	Multipara Bedside Monitors (Invasive)			10									
9	Central Monitoring System			1									
10	Baby Resuscitation Kit/Cart			1									
11	Crash Cart fully loaded with BCLS medications			1									

1	2	3	4	5							6		
SI No	Brief Description of Goods	Brand / Model	Make / Country of Origin	Qty	Price per unit (Rs.)							Total Price (at Consignee Site) basis (Rs.) 4 x 5(f)	
					Basic Rate Per Unit	GST		Freight & Insurance & Delivery at Destination		Service charges, if any, specify	Other charges, if any, specify		Unit Price (at Consignee Site) bas (f) =a+b+c+d+e
						(a)	(b)		€				
						%	Amt	%	Amt				
12	Defibrillator with TCP and AED (Automated external defibrillator)			1									
13	Portable X-ray Machine 200mA			1									
14	Foot Operated Suction Machine			1									
15	Transport Ventilator to Shift the patient to ICU			1									
16	High End Ventilator			10									
17	Movable shadow less spot lights with adjustable arms			2									
18	Refrigerator			2									
19	Blood Warmers			2									
20	Intermittent compression device for DVT prophylaxis			1									
21	Air Beds			2									
22	ABG Machine			1									
23	Negative Ionizer /Air Purifier			1									
24	All in one computer & Printer			1									

1	2	3	4	5						6		
SI No	Brief Description of Goods	Brand / Model	Make / Country of Origin	Qty	Price per unit (Rs.)						Total Price (at Consignee Site) basis (Rs.) 4 x 5(f)	
					Basic Rate Per Unit	GST		Freight & Insurance & Delivery at Destination	Service charges, if any, specify	Other charges, if any, specify		Unit Price (at Consignee Site) bas (f) =a+b+c+d+e
						(a)						
						%	Amt	%	Amt	(d)		€
25	UPS 30 KVA			1								

Total tender price in rupees _____

In words: _____

Note
:

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. Successful tenderer shall execute the contract with HLL as per Section XIV.
3. The charges for CAMC after warranty shall be quoted separately as per Section – X – Price Schedule (B)

Name _____

Business Address _____

Place: _____

Signature of Tenderer _____

Date: _____

B) PRICE SCHEDULE FOR MEDICAL GAS PIPELINE SYSTEM

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
1.GAS PIPELINE WORK DETAILS										
1	Oxygen Manifold									
	Cylinder Oxygen Manifold would be suitable to withstand a pressure of 140 Kg/Cm ² and above along with high pressure copper annealed tail pipes with end Brass adapter suitable for Oxygen Cylinders and manifold. Top frame comprising of high pressure copper pipes of size 12mm I.D x 1.5mm wall thick, with high pressure brass fittings made of high tensile brass and connections through non-return valves; high pressure copper tail pipes, made of high pressure copper pipe of size 7mm I.D x 1.5mm wall thick. The design of middle and bottom frames would be provided to fit both round and flat bottom cylinders safely. The manifold would be tested (hydraulically) at 3500 pig									
a	2+2 Oxygen Manifold , High Pressure Tail Pipe with NRV	1	No.							
2	Fully Automatic Oxygen Control Panel	1	No.							

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
	<p>The fully automatic control panel would be the following features:</p> <ul style="list-style-type: none"> • Would be enclosed in a metal cabinet with a hinged cover. The side covers of the panel would be made of fiber glass. • Panel cover would be fitted with a lock to prevent unauthorized access can be swung open for maintenance. • Would be Fully Automatic Changeover operation and no manual action • The service gas would pneumatically operate gas change over system. • Delivery of gas through control panel would not be dependent on electricity. • Would be capable of delivering very high flow rate not less than 1300 litres per minute at delivery pressure. • Would have Visual indication of the state of the manifold by 3 gauges within the control panel, which would be clearly visible through the transparent cover. • Would have Audio – visual alarm indication for changeover of empty cylinder bank to filled cylinder bank. • Built in transformer to ensure safe operation by low voltage. <p>Microprocessor based alarm signal control with high 'db' Siren system.</p>									
3	Compressed Air Base Unit									

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
a	Air Compressor of Capacity 5HP Type : Reciprocating, Air cooled Capacity : 15.5 cfm 439 lpm No. of Cylinders : 2 Nos. in each Air Compressor Drive : Belt driven No. of Air Compressors : 1 Nos. Motor Capacity : 5 HP Receiver type : Vertical type with inlet, outlet & drain provisions	1	Set							
b	Receiver Capacity : 750 litres water capacity	1								
c	Electric Motor 5HP /3.7 Kw	2								
d	Dryer	1								
	Air Drier Type : Heatless Desiccant Type Air Drier Make : Trident/GEM Air Drier Capacity : 15 cfm No. of Air driers : 1 No.	1								
e	Pressure Gauge	1								
f	Cut of Valve	4								
g	Air Filter	1								
h	Air Pressire Switch	1								
i	Slincer	1								
4	Vacuum Base Unit (5HP)	1	Set							
a	Type : Reciprocating, Air-cooled Capacity : 60cfm, 1699 lpm No. of Cylinders : 2 Nos. in each vacuum pump Drive : Belt driven No. of Vacuum pumps : 1 Nos. Motor Capacity : 5 HP, kw 3.7 Receiver Capacity : 750 liters water capacity vertical	1								

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
b	Electric Motor 5HP / 3.7KW	2								
c	Vacuum Tank 750ltr	1								
d	Non - Return Valve	1								
e	Vacuum Switch	1								
f	Vacuum Gauge	2								
g	Isolation Valve	1								
h	Vacuum Filter	1								
i	Inter-Connecting Pipeline 42mm	3								
5	Copper Piping & Fitting :									
	All copper pipes would be Solid drawn, seamless, deoxidized, non-arsenical, half hard, tempered and degreased materials conforming to BS:EN :13348:2001 + A1:2005 Pipes sizes would be used as under: Copper Fittings: Fittings would be made of copper and suitable for a stem of working pressure of 17 bar and would confirm to BS 864 with specially made for brazed socket type connections.									
b	15mmX0.7mm	145	Mtrs							
c	22mmX0.9mm	530	Mtrs							
6	GAS OUTLET POINTS with Probe									
	Would have terminated properly Double locking Front Loaded which have a parking facility which also avoids interchanging of outlets and keys including all accessories .(Fully Metal Outlet)									
a	Oxygen	10	Nos.							
b	Med Air4 bar	10	Nos.							

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
c	Vacuum	10	Nos.							
7	BPC Oxygen Flow meter with Humidifier Bottle:									
	<ul style="list-style-type: none"> • Flow meter would be Backpressure Compensated. • Flow meter would be accurate gas flow measurement and control within a range of 0-15 litres per minute. • It would meet strict precision and durability standards. • Flow meter body would be made of brass material. • Flow tube and shroud components would be made of clear, impact resistant polycarbonate. • The humidifier bottle would be unbreakable polycarbonate material and autoclavable at 134 degrees centigrade. The humidifier would have built in safety valve.	10	Nos.							
8	Single piece wall mounted suction collection & regulation unit									
	With jar capacity of 600ml each shall be provided at each of the bed side. Jars are would be made of autoclavable materials. The units shall be clamped to the wall using suitable clamps.	10	Nos.							
9	ISOLATION VALVES: LEAK CLASS									
	Would be 900 turn, ball valves of brass body, duly chrome plated on the outer periphery, SS ball with high quality Teflon seated, connected to pipeline with brass ferrule for easy maintenance. ID of the copper pipe and the ball valve would have same dimensions									

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
	to avoid the flow friction									
	15mm	1	No.							
	22mm	6	Nos.							
10	Area Alarm									
	Area Gas alarm panel Six Lines, Would audio- visual alarms for each gas used on the floor and come fitted with test and mute button. Running on electricity 220V, these units are suggested to be fitted on each floor as well as areas of heavy usage. It would be fitted with a pressure gauge. It indicates low, medium & high pressure sensors. (Digital)									
a	Area Alarm for Five (2Gas + 01 Vacuum) Services	1	No.							
11	Bed Headed Panel . (Running) - 02Feet Long									
	Aluminum Die Pressed Bed head panels Would have bellow Accessories 1. IV Stand. 2. Monitor stand wall mounted. 3. Ward vacuum unit clip. 4. Provision Gas/Vacuum outlets as follows:- ü One oxygen outlet. ü One Vacuum outlet. ü One Compressed Air outlet 4 Bar.	10	Nos.							
12	Civil Work (Basement and Compressor room with roof) (10' Length X 6' Breath x 8' Height)	1	Job							

S.No	Descriptions	Qty	Unit	Make	Model	Basic Unit Rate in Rs.	GST %	GST Amt in Rs.	Total Per unit Rate in Rs.	Total Rate in Rs.
		A				B	C	D = B x C	E = B+D	F = A x E
13	Electrical work (IDB, MCB, anf 3 phase incommer Wiring for Compressor)	1	Job							

Total tender price in rupees_____

In words:_____

Note

- 1) If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
- 2) Quantities mentioned above is tentative and may increase or decrease as per the actual requirement., however the payment will be made for the actual work executed at site.
- 3) Successful tenderer shall execute the contract with HLL as per Section XIV.
- 4) The charges for CAMC after warranty shall be quoted separately as per Section – X – Price Schedule (B)

Name_____

Place:_____

Date: _____

Business Address_ Signature of Tenderer

SECTION – X PRICE SCHEDULE (A)

A-1) PRICE SCHEDULE FOR TURNKEY WORKS

CIVIL WORKS

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
DISMANTLING					
	Dismantling plastered brickwalls in cement mortar including cleaning, stacking the useful materials as directed by engineer-in-charge and dumping the dismantled debris as indicated at site, levelling, consolidating, all complete as directed and disposing the debris away from site all complete as directed.	12.00	M.CUBE		
	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	25.00	M.SQ		
	Dismantling Tile Flooring and Walls & Roof and disposing the debris away from site all complete as directed.Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles 10 mm to 25 mm	200.00	M.SQ		
MASONRY WORK					
	Half brickwork with locally available best quality table moulded bricks of not less than 50kg/sq.cm crushing strength in CM 1:3 (1 cement 3 sand) and reinforced with two numbers of 6mm dia. M.S rods at every fourth course embedded in cement mortar 1:4 for partitions.				
	In Ground Floor	25.00	M.SQ		
PLASTERING					

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Prepare surfaces and plaster with CM 1:3 (1 cement: 3 fine sand) ,12mm minimum thick to all interior faces of walls (sponge finish) including RCC surfaces not contiguous to masonry.Necessary internal grooves of size 10mmx10mm shall be carried out as shown/directed by engineer-in-charge.	75.00	M.SQ		
ALUMINUM WORK					
	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	180.00	Kg		
	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps atjunctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge : Powder coated aluminium (minimum thickness of powder coating 50 micron)	110.00	Kg		
	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge.Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar	5.00	EACH		
	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-inchargePowder coated minimum thickness 50 micron aluminium.	10.00	EACH		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. With twin rubber stopper	5.00	EACH		
	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	5.00	EACH		
	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters & frames for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick Veneered flat pressed three layer or graded wood particle board with commercial veneering on both sides conforming to IS:3097, grade I	5.00	M.SQ		
	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge	3.15	M.SQ		
WALL TILE					
	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in wall tiles, skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm make Kajaria/ Restile/Johnson or equivalent (Basic cost of tile - Rs.85/sft). Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area. No extra shall be payable for forming any pattern in the flooring like border, cut tiles, etc.	220.00	M.SQ		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	50.00	M.SQ		
FLOORING					
	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 800x800 mm sqm make Kajaria/ Restile/Johnson or equivalent (Basic cost of tile - Rs.85/sft).Any difference in basic price and OHP at the time of approval shall be adjusted for the laid area.No extra shall be payable for forming any pattern in the flooring like border, cut tiles,etc.	240.00	M.SQ		
	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	6.00	M.SQ		
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joint treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade. Area of slab over 0.50 sqm	5.00	M.SQ		
PAINTING					

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	804.00	M.SQ		
	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	175.00	M.SQ		
	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	425.00	M.SQ		
	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	225.00	M.SQ		
	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	89.00	M.SQ		
	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	65.00	M.SQ		
PLUMBING					
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality -25MM	2	M.SQ		
	Providing and fixing C.P. brass angle valve for basin mixer and geyserpoints of approved quality conforming to IS:8931 a) 15 mm nominal bore: 15 mm nominal bore.Make:Hindware,Cera,Jaquar etc..	2	EACH		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 263gms.	2	EACH		
	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :100 mm inlet and 100 mm outlet	2	EACH		
	Providing and fixing square – mouth PVC. Gully trap grade “A” complete with CI grating brick masonry chamber with water tight tight CI cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design	2	EACH		
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	2	EACH		
	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	2	EACH		
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc				
	20 mm nominal outer dia .Pipes	35	RM		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	32 mm nominal outer dia Pipes	35	RM		
	50 mm nominal outer dia Pipes	0	RM		
	Providing and fixing PVC Waste pipe for sink or wash basin including PVC waste fittings complete.:Semi rigid pipe 32mm dia	2	EACH		
	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 31 mm dia of 79 mm length and 62mm breadth weighing not less than 45 gms	2	EACH		
	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2	EACH		
	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms.	2	EACH		
	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour. weighing not less than 105 gms.	2	EACH		
FALSE CEILING & CLADDING					

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	<p>Providing & fixing 35mm Flush doors 1.0 mm thk laminate as per design. The item includes Providing and fixing chaukhats made from 100mm x 50mm teak wood members. The Doors to have all hardware such as 125mm SS hinges, 450 mm long SS handles, SS tower bolts, Mortice Locks (Dorma/ Godrej). The item also includes SS rods 6mmx6mm inserted in grooves as per details complete to the satisfaction of Architects / HLL. Size of Door: 1500 x2100mm Including chaukhats.</p>	5.00	M.SQ		
	<p>Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. 12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard,manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.</p>	20	M.SQ		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	<p>Supply installation testing & commissioning (SITC) of the Modular False Ceiling System shall comprise of ceiling panels of double skin type 50mm thick, sandwiched with selfextinguishing quality PUF of density not less than 38kg / cum the inner and outer skin shall be of powder coated steel sheet, the thickness of inner skin and outer skin of the panel shall not less than 0.8mm the powder coated steel sheet shall be hot dip galvanized with zinc coating not less than 180gm/sqm both side of the GI sheet used. The false ceiling system shall also include ceiling grid system consisting of T-grid of extruded aluminum anodized surface, wall angle, suspender rod, turnbuckle, nuts, bolts, anchor fasteners etc., as required for fixing the panels, & HEPA filter frame, ceiling grid configuration length and width shall be suitable for fixing ceiling blanks, HEPA module, light fixtures etc. All the suspended material shall be galvanized finish. The ceiling grid system shall be suitable for walkable type false ceiling.the vertical panels to be from false ceiling till the true concrete ceiling. Fire rating - class O and colored approved by HLL. IMPORTANT NOTE: The contractor to take utmost care for tranport,shifting and erecting complete with all necessary hardware, accessories, fittings and fixtures, as per description in individual items, technical specifications, drawings and instructions of the Engineer-Incharge.Note:Necessary cutopens to be made for service outlets and finished after passing the service outlets.</p>	240	M.SQ		
CURTAIN WORK					
	<p>Supplying and laying polyester, washable and stainfree cloth(Bio-Active fabric washable germfreesuitable for dialysis room) curtain system with maximum curtain cloth height 230cm(top 30cm white clour net and 200cm light blue colour as per approval) stiching with stifiner tape, pleats, ironing and laying around each bed using sliding wheels two nylon rollers, nylon axil and tangle free nylon swivel stem with chrome-plated steel hook, curtain track should be supported in roof using 20x20mm, 2mm thick sized aluminium tubes same spec with end caps in two sides using all necessary fittings. as per the direction of engineer in charge including conveyance to site, laying in line and level, sealing all cutting in false ceiling with powder coated MS cup, all leads and lifts including all labour charges etc. complete.(unpleated length of the cloth measurement will be considered for payment also the bottom and top foldings will not be considered in cloth measurement)/ supplying and fixing powder coated 20mm dia. GI round tube hanging support of required length(app. length 1.10m) one end fixing from slab by using 6mm dia expansion bolt at a distance not more than 2m, c/c down end fixed to powder coated aluminium channel frame 45 x 20mm x</p>	220	M.SQ		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	1mm thick section by using SS screw as per the direction of engineer incharge including conveyance.				
	Window & Door Curtain fabric weight shall be up to 250-275 ($\pm 5\%$) gsm Composition of fabric shall be polyester yarn I.E. 300 denier fast colour sink age shall be ($\pm 5\%$) Weft and warp shall be polyester / cotton polyester mix Rate quoted for fully stitched Curtain with top nepha with punch holes after lining bucramreinforced with SS / PVC islets and lower nepha 200mm double turned	55	M.SQ		
	Providing and fixing of vertical/roller blinds width 100 mm regular quantity made from 100 % polyster/Fibre yarn coated with fade resistant polymer to ensure complete opaquety with zero light transmittance, having suitable coating on exterior, including all fixtures and fittings complete in all respect as per design and instruction of Engineer in-charge and as per site conditions. The colour will be approved by the competent authority Make-MAC/VISTA/NOVA or any equivalent make.	55	M.SQ		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Providing and fixing of Two Tap Scrub Station as per the specification as follows 1. Deep sloping basin 2. Two High mount spout/taps with elbow operated flow regulator (length of flow regulator approximately 18-24cms) 3. Tap should have provision for manual aeration of water 4. 304 stainless steel polished and ground 5. Wall Mounted Design with provision for back panel wall bracket fixation 6. Provision for Scrub Solution Stand with long handle for pumping 7. Sizes a. Width – Approximately 130-140 cms b. Height of Back Panel of sink – 90 -95 cms c. Height of Sink from Ground – 100-110 cms d. Depth of Sink from Top of the Sink – 40-45 cms e. Height of Tap from the top of the sink – 25-28 cms f. Gap Between two taps – 65- 68 cms g. Protrusion of Sink from Wall – 45-50 cms	1	EACH		
FURNITURES					
	Providing & Fixing mid back chair .The seat & back are made up of 12mm thick hotpressed plywood, upholstered with fabric & moulded with Polyurethane foam seat and back covers. The back foam should designed with contoured lumbar support for extra comfort .The seat has extra thick foam on front edge to give extra comfort. Mid back size 475 mm Width x 580 mm Height mm. And seat size 470 mm Width x 480 mm The polyurethane foam should be moulded with density = 45 kg/m ³ and hardness = 16 +/- 2 kg on Hampden machine at 25% compression .Armrest are injection moulded from black copolymer polypropylene. The mechanism should be fixed 360 degree revolving type, Upright position locking, tilt tension adjustment, seat back tilting ratio 1:3. The pneumatic height adjustment has an adjustment stroke of 12 cm. The pedestal should be injection moulded in black 33 % glass filled in nylon 66 with 5 nos twin wheel castors. The pedestal should be 66.3 cm pitch-center diameter.	1	EACH		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Providing & Fixing table of size 5.58 ft X 2.5ft made up of 18mm particle board with lamination on both sides. Side partitions, drawers, racks, lock and latches etc including all complete both side laminated top. with 18 mm thick door and 9 mm thick both side laminated drawer bottom and back panel including necessary approved hinge, telescopic slide ,multipurpose lock ,hanger rod of 25mm dia 16 gauge nickel plated MS Pipe ,2nos. tower bolt of barrel type having size 150 x 10mm, 4 nos. magnetic catcher triple strip vertical type of approved quality, 128 mm handle , kd/minifix fitting, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand fixture and finishing etc.. complete job. as per approved shade and colour and as per Architecture drawing and Engineer in Charge. .	1	EACH		
	Providing & Fixing normal chair .The seat has extra thick foam on front edge to give extra comfort.Mid back size 475 mm Width x 580 mm Height mm. And seat size 470 mm Width x 480 mm Thepolyurethane foam should bemoulded with density = 45 kg/m3 and hardness = 16 +/-2 kg on hampdem machine at 25% compression .Armrest are injection moulded from black copolymer polypropylene. The mechanism should befixed 360 degree revolving type,Upright position locking, tilt tension adjustment, seat back tilting ratio 1:3. The pneumatic height adjustment has an adjustment stroke of 12 cm. The pedestal should be injection moulded in black 33 % glass filled in nylon 66 with 5 nos twin wheel castors. The pedestal should be 66.3 cm pitch-center diameter.	4	EACH		
	Providing and fixing in position wardrobe unit of size 1500X2100X600 MM as per the approved drawing made up of 18 mm thick Plywood conforming to IS:710 both side laminated top ,bottom, side, shelf ,vertical , skirting , drawer facia ,drawer back , drawer side etc.. with 18 mm thick door and 9 mm thick both side laminated drawer bottom and back panel including necessary approved hinge, telescopic slide ,multipurpose lock ,hanger rod of 25mm dia 16 gauge nickel plated MS Pipe ,2nos. tower bolt of barrel type having size 150 x 10mm, 4 nos. magnetic catcher triple strip vertical type of approved quality, 128 mm handle , kd/minifix fitting, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand fixture and finishing etc.including 10 set of dress hangers. complete job. as per approved shade and colour and as per Architecture drawing and Engineer in Charge. .	1	EACH		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Providing & Fixing 3 seater stainless steel chair. Silver colour with seating capacity 3 SS 201 grade (or better) steel perforated seat sheet and back rest and arm rest. Suitable for heavy public use. Should be ISO certified manufacturer. Width of seat 52cm to 55cm, height from ground 79cm.	2	EACH		
	Providing and fixing in position 'U' shaped NURSING STATION unit with granite top of size 4000X600X1200 MM as per the approved drawing made up of 18 mm thick Marine Plywood conforming to IS:710 both side laminated top ,bottom, side, shelf ,vertical , skirting , drawer facia ,drawer back , drawer side etc.. with 18 mm thick door and 9 mm thick both side laminated drawer bottom and back panel including necessary approved hinge, telescopic slide ,multipurpose lock ,hanger rod of 25mm dia 16 gauge nickel plated MS Pipe ,2nos. tower bolt of barrel type having size 150 x 10mm, 4 nos. magnetic catcher triple strip vertical type of approved quality, 128 mm handle , kd/minifix fitting, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand fixture and finishing etc.. complete job. as per approved shade and colour and as per Architecture drawing and Engineer in Charge. .	1	EACH		
	Providing and Supplying shoe rack of size 1175W x 1175 H x 375 D, whose work surface is made of 25mm thick. Pre Laminated Particle Board (PLB) OR Engineered Wood All work surface edges are duly sealed with 2mm thick PVC Edge banding. The modesty panel is made of 18mm thick. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edge banding. Powder coat (Epoxy polyester). Brand: Evok OR Equivelent Assembly: Carpenter Assembly Dimensions: 1175W x 1175 H x 375 D Primary Material: Engineered Wood Room Type: Living Room	1	EACH		
	Sub Total in Rs.				
	GST @ 18% in Rs.				
	Grand Total in Rs.				

ELECTRICAL WORKS

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
1	Point wiring in PVC conduit with modular type switch.				
	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C	60	Point		
2	Wiring through PVC conduit				
	Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make:Havells/Finolex/V-guard/Polycab)				
a	2X1.5 sq.mm + 1X1.5 sq.mm earth wire	300	Metre		
b	2X2.5 sq.mm + 1 X2.5 sq mm earth wire	750	Metre		
c	2X4 sq.mm + 1X4 sq.mm earth wire	400	Metre		
3	Telephone wiring in existing conduit:				
	Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	2 Pair	180	Metre		
4	A/C point				
	S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)	10	Point		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
5	Modular type blanking plate:				
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make: Legrand/Havells/HPL)	20	Each		
6	Modular boxes, bases & cover plate:				
	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as required.(Make: Legrand/Havells/HPL)				
a	2 module	3	Each		
b	3 module	8	Each		
c	6 module	15	Each		
d	8 module	15	Each		
e	12 module	15	Each		
7	Modular type switch/socket:				
	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. (Make: Legrand/Havells/HPL)				
a	5/6 Amps switch	28	Each		
b	3 pin 5/6 Amp socket outlet	28	Each		
c	15/16 Amps switch	65	Each		
d	6pin 15/16 Amps (universal) socket outlet	65	Each		
e	Telephone socket outlet	3	Each		
8	S/F PVC conduit:				
	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.(ISI Make)				
a	25 mm	320	Metre		
Installation Testing & Commissioning					

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
9	ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required.	45	Each		
10	ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.	5	Each		
11	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	5	Each		
12	LAYING OF CABLES				
	CABLE LAYING				
	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a	FROM EB Mains TO VDB				
	3.5 X 35 sq.mm	150	Metre		
b	FROM VDB TO PBD1,2,3				
	3.5 x 25 sq.mm	130	Metre		
c	FROM VDB TO LDB 1,2				
	3.5 x 16 sq.mm	150	Metre		
13	END TERMINATION				
	Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required.				
a	3.5 X 35 sq.mm	4	Each		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
b	3.5 x 25 sq.mm	4	Each		
c	3.5 x 16 sq.mm	4	Each		
15	S/F of SPN MCB PDB				
	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
C	12 way Double door ,horizontal type	2	Each		
15.1	S/F of Vertical Distribution Board				
	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a	12 way (4 + 36), Double door	1	Each		
16	S/F OF SP MCB				
	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	6/32 A SP MCB	52	Each		
17	S/F FP ISOLATOR				
	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	100A	1	Each		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
17.1	S/F DP ISOLATOR				
	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, ISOLATOR having a sensitivity current upto 100 to 300 milliampere in the existing MCB DB complete with connections, testing and commissioning etc, as required.(Make: Legrand/Havells/HPL)				
	40A	3	Each		
18	S/F FP MCCB in Existing Panel Board				
	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
a	150 A, 16 KA,TPMCCB	1	Each		
19	EARTHING				
a	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. (but without charcoal/ coke and salt) as required.	2	Set		
b	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	50	Metre		
	NDSR ITEMS				
1.1	Supply of 15W LED tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W LED lamp etc complete as required. (Philips / Wipro /HAVELLS)	6	Each		
1.2	Supply and installation of 18 W CFL with its all accessories.[ISI MAKE]	4	Each		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
1.1.a	Supply and installation of 2x36W recess mounted, decorative Soft lite luminaire, powder coated CRCA housing complete with all electrical accessories like electronic ballast, lamp holder, 36W CFL lamp etc complete with all mounting accessories like chain, anchor fastner etc as required. (PHILLIPS FBS430 2xPL-L36W IC). or else any higher or equivalent versions may be used only at the discretion of HLL/NHM Engineer at site or Electrical Engineer(HLL).	25	Each		
1.1.b	Supply & installation of 1x18 watts recess mounted down light fixture, with aluminium reflector, CRCA sheet housing, complete with all accessories like ballast, 18W CFL lamp etc complete as required. (Philips FBH145 M 1XPL-C/4P18W HFM 240V)	10	Each		
1.3	Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard/crompton)	3	Each		
1.3.a	Supply and installation of wall fan, white colour, 5 star rated as per BEE complete with blades, casing , wall mounting accessories etc(Make Havells/bajaj/usha/V-guard/crompton)	2	Each		
1.4	Supply and installation EXHAUST FAN,SHUTTER TYPE white colour, 9" OR 10" star rated as per BEE complete with its all accessories(Make Havells/bajaj/usha/V-guard)	5	Each		
3	CABLE SUPPLY				
	Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/Glostar/Nicco/Finolex/Polycab)				
a	3.5 x 35 sq.mm	150	Metre		
b	3.5 x 25 sq.mm	130	Metre		

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
c	4 x 16 sq.mm	150	Metre		
4	S/F of TP MCB				
	Supplying and fixing 6 amps to 63 amps rating, 415 Volts, "C" series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL)				
4.1	63A TP MCB	2	Each		
5	S/F of TPN MCB DB				
	Supplying and fixing following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatised and powder painted including earthing etc. as required (But without MCB/ RCBO/isolator) (Make: Legrand/Havells/HPL)				
5.2	12 way Double door, horizontal type	2	Each		
5.3	6 way Double door, horizontal type	2	Each		
6	S/F of TPN RCBO				
	Supplying and fixing following rating, four pole, (three phase and neutral) 415 volts RCBO, having a sensitivity current upto 100/300 milliamperes in the existing MCB PDB complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL)				
6.1	32 A 4P RCBO 100mA	1	Each		
6.2	64 A 4P RCBO 100mA	1	Each		
7	EARTHING WIRE				
7.1	Supplying and laying 10 SWG Copper wire on, surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/ cable as required.	35	Meter		
8	SITC SPLIT AC				

S.No	Description of work	Qty	Unit	Unit Rate in Rs.	Total Rate in Rs.
	Supply, installation, testing and commissioning of 2 TR, 3 star rated (as per BEE) Air Cooled High Wall mounted Inverter type Split Air Conditioner consisting of high wall mounted type room unit (fan coil) with cordless remote control and one number outdoor condensing unit comprising of energy efficient suitable rotary compressor for operation on single phase, 230 V, 50Hz supply, fixing the outdoor unit on a raised platform as per manufacturers recommendation and fixing of room (fan coil) unit on wall, standard 4 m distance refrigerant copper piping with 13mm nitrile rubber insulation, providing and making interconnection between room & condenser as per site conditions, comprising of 1" dia drain PVC pipe with insulation 4m, canvas connections, full electrical cabling from power plug near indoor unit and to outdoor unit, ODU MS stand, first charge refrigerant gas, suitable stabilizer etc complete as required. Make: Voltas, Toshiba, Blue Star, Siemens, Mitsubishi, Hitachi or equivalent or as per the approval of Engineer in Charge	10	Each		
	Sub Total in Rs.				
	GST @ 18% in Rs.				
	Grand Total in Rs.				

NOTE

- a. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
- b. Successful tenderer shall enter into an contract with HLL/HLL's Client, after expiration of warranty period with approval from HLL as per Section XV.
- c. The payment of CAMC will be made as per clause GCC clause 21.1.
- d. The stipulations in Technical Specification will supersede above provisions.

Name _____

Place: _____

Date: _____

Business Address _____

Signature of Tenderer _____

Seal of the Tenderer _____

SECTION – X PRICE SCHEDULE (B)

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

1	2	3	4				
SI No.	Brief Description of Goods	QTY	Comprehensive Maintenance Contract rice per unit per year				
			2 nd year	3 rd year	4 th year	5 th year	6 th year
1	ICU Bed	10					
2	Maternity Cot	1					
3	Infusion Pump	10					
4	Syringe Pump	10					
5	USG Machine with Colour Doppler and Echo Facility	1					
6	CTG Machine	3					
7	Multipara Bedside Monitors (Invasive)	10					
8	Central Monitoring System	1					
9	Defibrillator with TCP and AED (Automated external defibrillator)	1					
10	Portable X-ray Machine 200mA	1					
11	Transport Ventilator to Shift the patient to ICU	1					
12	High End Ventilator	10					
13	Movable shadow less spot lights with adjustable arms	2					
14	UPS 30 KVA	1					
15	Medical Gas Pipeline System	1 ser					
	GST: _____						
	Total Rs:						

*** After completion of 1 years Warranty period for respective equipment as mentioned in the warranty clause NOTE:-**

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of CAMC which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey.
3. The cost of CAMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Successful tenderer shall enter into an contract with HLL/HLL's Client, after expiration of warranty period with approval from HLL as per Section XV.
5. The payment of CAMC will be made as per clause GCC clause 21.1.
6. The uptime warranty will be 95 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CAMC period.
8. The stipulations in Technical Specification will supersede above provisions.
9. The supplier shall keep sufficient stock of spares required during Comprehensive Annual Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Name _____

Place: _____

Date: _____

Business Address _____

Signature of Tenderer _____

Seal of the Tenderer _____

SECTION – X PRICE SCHEDULE (C)

A) PRICE SCHEDULE FOR CONSUMABLES NOT COVERED UNDER WARRANTY & CAMC

1 SI No	2 Brief Description of Goods	3 Brand / Model	4 Make / Country of Origin	Qty	5 Price per unit (Rs.)						6 Total Price (at Consignee Site) basis (Rs.) 4 x 5(f)		
					Basic Rate Per Unit	GST		Freight & Insurance & Delivery at Destination		Service charges, if any, specify		Other charges, if any, specify	Unit Price (at Consignee Site) bas (f) =a+b+c+d+e
						(a)	(b)		€				
						%	Amt	%	Amt				
1													
2													
3													
4													
5													

*

Name _____

Place: _____

Date: _____

Business Address _____

Signature of Tenderer _____

Seal of the Tenderer _____

SECTION – XI
BANK GUARANTEE FORM FOR EMD

Whereas _____ (hereinafter called the “Tenderer”) has submitted its quotation dated _____ for the supply of _____ (hereinafter called the “tender”) against the purchaser’s tender enquiry No. _____

_____ Know all persons by these presents that we _____ of _____ (Hereinafter called the “Bank”) having our registered office at _____ are bound unto _____

_____ (hereinafter called the “Purchaser) in the sum of _____ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20___. The conditions of this obligation are:

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

a) fails or refuses to furnish the performance security for the due performance of the contract.

or

b) fails or refuses to accept/execute the contract. or

c) if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged

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

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

(Signature of the authorised officer of the Bank)

Name and designation of the

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

SECTION – XII

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CAMC SECURITY

To

**HLL Lifecare Limited
(A Government of India Enterprise),
Central Marketing Office, HLL Bhavan, #26/4,
Tambaram-Velachery Main Road, Pallikaranai, Chennai-600 100
Email: hcdcmo@lifecarehll.com**

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 36 (thirty 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 – XIII
A) MANUFACTURER’S/DISTRIBUTOR’S AUTHORISATION FORM

To _____

Vice President (Marketing)
HLL Lifecare Limited
(A Government of India Enterprise),
Central Marketing Office, HLL Bhavan, #26/4,
Tambaram-Velachery Main Road, Pallikaranai, Chennai-600 100
Email: hcdcmo@lifecarehll.com

Dear Sirs,

Ref. Your TE document No _____, dated _____

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

We further confirm that no supplier or firm or individual other than Messrs.

_____ (name and address of the above agent) is authorised to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

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

Yours faithfully,

[Signature with date, name and designation]
for and on behalf of Messrs _____

[Name & address of the manufacturer/distributor]

Note :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.

B) CONSORTIUM AGREEMENT (In Rs. 100 Non Judicial Stamp Paper)

This Consortium agreement (hereinafter referred as "Agreement") is entered on this the day of ____, 20__ by and between;

M/s. _____ having its registered office at _____, incorporated as company under companies Act 1956 (hereinafter referred as "Lead Partner") which the expression shall unless otherwise include all its successors and permitted assigns and represented by _____ in the capacity of _____ of the FIRST PART.

AND

M/s. _____ having its registered office at _____, incorporated as company under companies Act 1956 (hereinafter referred as "Second Partner") which the expression shall unless otherwise include all its successors and permitted assigns and represented by _____ in the capacity of _____ of the SECOND PART.

For the purpose of this Agreement both the "Lead Partner" as well as "Second Partner" are collectively called "Partners" and individually called "Partner".

Whereas –

- a. HLL Lifecare Limited (Purchaser/HLL) has floated a tender vide Tender No: _____ for setting up of Intensive Care Unit on turnkey basis.
- b. As per the Tender document, bids are to be submitted by any Consortium which will be considered; provided such bids fulfill all the specific requirements in that regard.
- c. Now the Parties to this Agreement decided to form a Consortium to participate in the Tender .
- d. AND WHEREAS the bid is being submitted based on the consortium agreement being these presents and the bid with its bid forms and submission documents in accordance with the requirement of tender document conditions and requirements have been signed by all the partners and submitted to HLL Lifecare Ltd.

NOW THIS AGREEMENT WITNESSTH HEREIN AS FOLLOWS

1. That the Parties to this Consortium do hereby agrees to participate in the Tender in the name and style of "____" (hereinafter referred as "Consortium").
2. **Scope:** Purpose of this Agreement is to participate and submit all necessary bid documents against the Tender floated by HLL and in case of award, supply the tendered items listed below as against each partner.

Sl. No.	List of Equipments	Qty in Nos
1		
2		

3. **Tenure:** This Agreement shall be valid till the date of either rejection of the Bid submitted by this Consortium against the Tender floated by the HLL or till the expiry of the Contract entered between the Consortium members and HLL in case of award of the Tender to this Consortium.
4. In consideration of the bid submission by us to HLL, pre-qualification of our technical bid by HLL if considered acceptable, submission of price bid by us and the award of contract by HLL to the Consortium (if selected by), we the partners to the Consortium, hereby agree that M/s__shall act as the Lead Partner for self, and for and on behalf of Partner – II and further declare and confirm that_____shall be solely bound to HLL for execution of the contract in accordance with the contract terms and shall perform all contractual obligations including technical guarantees. Further, the Lead Partner is authorized to incur liabilities and receive instructions for and on behalf of any or all partners of the Consortium.
5. The Lead Partner shall be solely responsible for Management of all the works to be undertaken under the tender and it shall be the nodal point for HLL for queries, purchase orders, installation and payments.
6. In case of any breach of the said Contract by any of the partners of the Consortium, we hereby agree to be fully responsible for the successful execution/ performance of the Contract in accordance with the terms of the Contract.
7. Further, if HLL suffers any loss or damage on account of any breach of the Contract or any shortfall in the completed work meeting the guaranteed performance parameters as per the technical specifications/ contract documents, the Lead Partner undertakes to promptly make good such loss or damage caused to HLL, on HLL's demand without any demure. HLL shall have the right to proceed against .
8. The financial liability of the partners to this Consortium Agreement, to HLL with respect to the any or all claims arising out of the performance or non-performance of the Contract shall, however be not limited in any way so as to restrict or limit the liabilities of either of the partner.
9. It is expressly understood and agreed between the partners to this agreement that the responsibilities and obligations of each of the partners shall be as delineated in this agreement. It is further agreed by the partners that the above sharing of responsibilities and obligations shall not in any way be a limitation of the joint and several

responsibilities of the partners under the Contract.

10. Obligations of the Second Partner

- a. That, the Second Partner ensures the procurement and supply of the items listed above.
 - b. That, the Second Partner ensures to provide necessary training to the staffs employed in respective training centers operating under the provisions of the contract signed between the Consortium and HLL.
 - c. That, the Second Partner agrees to provide necessary repairers and replacements for supplied items, if any found defective during the tenure of the agreement between the Consortium and _____HLL. Provided such defects have incurred due to any breakage or manufacturing defect and must be pointed out by the Lead Partner to the Second Partner in writing within 3 days from the date of identification of such defect.
11. This Consortium Agreement shall be governed, construed and interpreted in accordance with Laws of India. Courts of Thiruvananthapuram shall have exclusive jurisdiction in all matters arising there under.
12. In case of award of contract, we the partners to this Consortium Agreement do hereby agree that we shall furnish the contract performance guarantee (if any) in favour of the HLL from a bank acceptable/ approved by HLL for a value as stipulated in the Contract Award.
13. It is further agreed that this Consortium Agreement shall be irrevocable and shall form an integral part of the Contract and shall continue to be enforceable till the Consortium members discharges the same. It shall be effective on the date first above mentioned for all purposes and intents.

IN WITNESS WHEREOF, the partners to this Consortium agreement have, through their respective authorized representatives, have executed these presents and affixed their hands and common seal of their respective companies on the day, month and year first abovementioned.

For M/s _____

For M/s _____

Authorized Signatory

Authorized Signatory

Witnesse

1:

2.

**SECTION – XIV
CONTRACT FORM - A**

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

THIS AGREEMENT made the day of, 20..... between (Name and Address of *Purchaser*) represented by the Vice President (Marketing)..... (hereinafter “the *Purchaser*”) of one part and (Name and Address of Supplier).... (hereinafter “the Supplier”) represented by..... (Name of the Authorized Signatory and Designation), Aged years, residing at..... (Full Residential Address of the Signatory) of the other part:

WHEREAS the *Purchaser* is desirous that certain Goods and ancillary services should be provided by the Supplier, viz., (Brief Description of Goods and Services) and _____ has accepted a bid by the Supplier for the supply of those goods and services in the sum of..... (Contract Price in Words and Figures) (hereinafter “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and constructed as part of this Agreement, viz.:
 - (a) the Bid Form and Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract ;and
 - (f) the ***Purchaser’s*** Notification of Award
3. In consideration of the payments to be made by the ***Purchaser*** to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the ***Purchaser*** to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The ***Purchaser*** hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

BRIEF PARTICULARS OF THE GOODS AND SERVICES WHICH SHALL BE SUPPORTED / PROVIDED BY THE SUPPLIER ARE:

Sl. No.	Description of Goods	Qty	Unit Price in Rs.	GST Amt in Rs.	Total Amt in Rs.

Total Value in Rs. _____

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and constructed as part of this Agreement, Ref No. viz.:
 - (a) HLL Tender Ref No. _____
 - (b) HLL Amendment/Corrigendum No. _____,
 - (c) Supplier Bid Ref No. _____.
 - (d) Minutes of Negotiation Meeting Dt. _____.
 - (e) P.O.Ref No _____.
3. **Delivery location:**. Gandhi Shatapdi Eye Hospital, Dehradun, Uttarakhand
4. **Completion Period:** 30 days from the date of order.
5. **Terms of Payment:** Payment shall be made in Indian Rupees as specified in the contract in the following manner:-
 - (i) **Payment Terms - Equipment Supply**
 - a) 50% of supply value shall be released against supply and certificate for receipt of the item in good condition from the Hospital/purchaser.
 - b) 45% payment shall be released against certificate of installation and commissioning certified by the Hospital Authorities/purchaser.
 - c) Final 5% shall be released against submission of certificate issued by Hospital/purchaser certifying that the facility has been installed, commissioned and handed over and submission on Performance Security and other documents stated in this tender.
 - d) Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract and upon the submission of the following documents:
 - i. supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
 - ii. Completion Certificate duly certified by hospital/HLL authorities.

(ii) **Payment Terms - Turnkey part (Civil & Electrical works)**

- a) 50% of the total value of work may be released upon the completion of 60 % of the work recommended by State In charge (P&S, HLL) and approved by Project Engineer (P&S, HLL)/ Manager (P&S, HLL).
 - b) Balance 50% will be paid along with the final bill only after submission of Work Completion certificate issued by the concerned hospital and approved by Project Engineer (P&S, HLL)/ Manager (P&S, HLL).
 - c) 5% amount of the Bill will be retained as retention money and will be released only after the Defect liability period of 12 months.
 - d) Final Bill to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by State In Charge (P&S, HLL) and the Contractor 's representative, counter signed by Project Engineer (P&S, HLL)/ Manager (P&S, HLL). The work completion certificate will be issued by the concerned centres/hospitals and it is the responsibility of the contractor to collect the completion certificate certified by the concerned hospital authority & HLL authorities and submit to HLL for balance 50% payment
 - e) The running account bills are to be submitted detailing the work description, quantity and rate as per the Work Order. Payment will be made against actual measurements recorded and certified jointly by State in charge (P&S, HLL) and the Contractor's representative. For supply of capital items, duly certified delivery challan/supporting documents such as Warranty Certificates etc. shall be enclosed along with bill.
 - f) Tax Deduction: All statutory deductions like GST, Income Tax, Works Contract Tax, E.S.I., P.F. or any other government-imposed liabilities shall be borne by the Contractor (as applicable at the time of execution of job) and shall be deducted from each bill submitted by the Contractor.
6. **Warranty:** Warranty is one year will be effective from the date of installation, commissioning and acceptance. During warranty period 3 preventive maintenance shall be executed, once in every four months in a year.
7. **Performance Security:** The supplier shall submit performance security by way of security deposit or bank guarantee in the form prescribed for the 5% of the total value of the purchase order, valid upto sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations. Necessary preventive maintenance reports shall be submitted at the end of warranty period with working satisfactory certification from HLL/Hospital.
8. **CAMC:** Comprehensive Annual Maintenance Contract as per the prevailing rate as mentioned below will be applicable for the purchase orders issued for Five (5) years after completion of warranty period.
9. **Purchaser Rights:** Purchaser reserves all rights to cancel the purchase order issued by the purchaser at any time without assigning any reasons.
10. **Applicable Law**
The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force.

11. Resolution of disputes

If the parties fail to resolve their dispute or difference by such mutual consultations within twenty one days of its occurrence the same shall be referred for arbitration to a Sole arbitrator to be appointed by the C&MD, of the Purchaser Arbitration shall be conducted as per the provisions of the Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof for the time be in force. The arbitrator shall give a reasoned award.

12. The award of the arbitrator shall be final and binding on the parties to this contract. The venue of arbitration shall be Thiruvananthapuram, Kerala, India and the language of the proceedings shall be English

13. Subject to above mentioned Arbitration Clause, any dispute or differences arising out of this Agreement shall fall under the exclusive jurisdiction of courts at Thiruvananthapuram.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

said **(For the Purchaser)**

in the presence of

Signed, Sealed and Delivered by the

said **(For the Supplier) (Signature, Name, Designation and Address with Office seal)**

in the presence of

| 1) (Signature, Name and Address of witness)

| **(Signature, Name and Address of witness**

SECTION – XV
CONTRACT FORM – B
CONTRACT FORM FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT

This AGREEMENT made on this day----- between HLL Lifecare Ltd (HLL)/HLL's Client, represented by the ----- having his Office at____(hereinafter called HLL/) of one part and M/s. ----- represented by ----- aged --- ----- years, having his / her Office at ----- ----- (hereinafter called "____") of the other part. (The term *HLL/HLL's Client* and _____, wherever the context appear and unless, it is specifically excluded, shall mean and exclude its successor, assign administrators and executors).

WHEREAS the_____had supplied and installed _____number_____at_____against the supply order placed by HLL vide P.O. No. __ and as per provisions of the tender and supply order_____should provide Comprehensive Annual Maintenance Services for this equipment (herein after called services) and the purchaser accepted & approved the rates and terms & conditions offered by_____in the financial bid for the services to which this agreement made for.

NOW THE AGREEMENT WITNESS AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract / order referred to above.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - a. the terms and conditions stipulated in *Purchaser's* tender document ref._____, Dt._____for the supply of the equipment.
 - b. the Bid Form and Price Schedule submitted by___for supply and providing the maintenance Services, against the tender.
 - c. the supply order for supply and installation of the equipment vide Ref No. _____ Dt._____placed by Purchaser.
3. The Contract of Annual Comprehensive Maintenance is hereby concluded as under:

Sr. No	Name of Equipment	Qty	Total CAMC Amt in Rs. (Excl applicable GST)				
			6 th year	7 th year	8 th year	9 th year	10 th year

4. Payments shall be made by HLL/HLL's Client to Supplier as per the Purchaser's tender document, _____hereby covenant with the *Purchaser* to provide the Comprehensive Annual Maintenance Services in conformity in all respects with the provisions of the *Contract* and the orders referred above.

5. The rates indicated cover all charges towards cost of spare parts, transportation and installation charges, cost of travel, boarding, lodging and expenses related to service personnel and other expenses related to maintenance of the equipment. No claim whatsoever will be entertained.
6. It is agreed that the rates indicated hereunder will be firm during the contract period and the contract period is for 1 years from____.(date of expiry of 1 year warranty period)
7. Performance security shall be submitted by way of Bank Guarantee valid till [(fill the date) 2 months after expiry of entire CAMC period] for an amount of Rs.____[(fill amount) equivalent to 5 % of the cost of the total CAMC value.
8. It is agreed that_____will provide preventive maintenance call atleast one visit in four months and the gap between any two Preventive Maintenance should not be less than 90 days and not more than 115 days and attend all breakdown calls, within the time limit prescribed in the tender. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 7 calendar days from the date of intimation, as per tender, failing which, a penalty of Rs.50,000/- per day thereof is leviable until the equipment is repaired and commissioned to the satisfaction of the end user, For this purpose you shall carry sufficient inventories to assure prompt replacement of defective parts as per tender.
9. It is agreed that the failure to attend to any breakdown calls within the prescribed time limit will attract penalty as stipulated in the CAMC order.
10. Uptime guarantee of 95% shall be maintained by____on annual basis taking into consideration the number of actual working hours and working days of the centre.
11. Purchaser reserves its rights to get the maintenance services done through any other agency at your full risk and cost and also to take appropriate penal action including termination of the contract, if the performance of services is found not satisfactory and below the 95% uptime level.
12. All disputes arising out of this agreement would be settled by arbitration by a sole arbitrator to be appointed by the CMD Of Purchaser
13. All disputes arising out of this agreement will be subjected to the jurisdiction of Thiruvananthapuram only.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said..... (For the HLL/HLL's Client)

in the presence of

Signed, Sealed and Delivered by the

Said.....(For_____)

in the presence of

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

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

- (i) Contract No. & date : _____
- (ii) Supplier’s Name : _____
- (iii) Consignee’s Name & Address with
telephone No. & Fax No. : _____
- (iv) Name of the item supplied : _____
- (v) Quantity Supplied : _____
- (vi) Date of Receipt by the Consignee: _____
- (vii) Name and designation of Authorized
Representative of Consignee : _____
- (viii) Signature of Authorized
Representative of Consignee
with
date : _____
- (ix) Seal of the Consignee : _____

SECTION – XVII
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/Transporter: _____
- (g) Name of the Consignee: _____
- (h) Date of commissioning and proving test: _____

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

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

The proving test has been done to our entire satisfaction and operators have been trained to operate

the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily ## or

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

He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specifications'.

He has not supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the period specified in the contract from date of intimation by the Purchaser in respect of the installation of the equipment(s)/plant(s).

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

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

The amount of recovery on account of non-supply of accessories and spares is given under Para

no.02.

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

Signatur

e. Name.

Designation with stamp.

Explanatory notes for filling up the certificate:

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

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 in respect of the installation of the equipment(s)/plant(s).

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

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.

SECTION XVIII

CONSIGNEE

ADDRESS

**Gandhi Shatapdi Eye Hospital
1, Pritam Rd, Panchpuri Colony,
Dalanwala, Dehradun,
Uttarakhand 248001**

SECTION – XIX

CHECK LIST

Name of Tenderer:

Name of

Manufacturer:

SI No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
1. a.	Have you enclosed EMD of required amount for the quoted schedules?			
b.	In case EMD is furnished in the form of Bank Guarantee, has it been furnished as per Section XIII?			
c.	In case Bank Guarantee is furnished, have you kept its validity of 165 days from Techno Commercial Tender Opening date as per clause 19 of GIT?			
2. a.	Have you enclosed duly filled Tender Form as per format in Section IX?			
b.	Have you enclosed Power of Attorney in favour of the signatory?			
3. a.	Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications?			
b.	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
4. a.	Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all orders?			
b.	Have you submitted copy of the order(s) and end user certificate?			
5.	Have you submitted manufacturer's / distributors authorization as per Section XIV?			
6.	Have you submitted prices of goods, CAMC etc. in the Price Schedule as per Section X?			
7.	Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?			

SI No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
8. a.	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?			
b.	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?			
9.	Have you intimated the name and full address of your Banker (s) along with your Account Number			
10.	Have you fully accepted payment terms as per TE document?			
11.	Have you fully accepted delivery period as per TE document?			
12.	Have you submitted the certificate of incorporation?			
13.	Have you accepted the warranty as per TE document?			
14.	Have you accepted terms and conditions of TE document?			
15.	Have you furnished documents establishing your eligibility & qualification criteria as per TE documents?			
16.	Have you furnished relevant pages of Annual Report (Balance Sheet and Profit & Loss Account) regarding turnover and profit for last three years prior to the date of Tender opening?			

Date:

Name

Signature

Stamp and full address