

***TENDER FOR THE MANUFACTURE AND SUPPLY OF  
BLOOD BANK / HOSPITAL EQUIPMENTS UNDER RATE  
CONTRACT FOR 12 MONTHS***

**IFB No. HLL/MKTG/SD/2014-15/05 DT. 09-07-2014**



**HLL Lifecare Limited**

(A Govt. of India Enterprise)

**HLL Bhavan, Poojappura,  
Thiruvananthapuram -695012  
Kerala, India**

**Tel: +0471 2354949, 2350959, 2350961, 2356352.**

**Website – [www.lifecarehll.com](http://www.lifecarehll.com)**

# HLL LIFECARE LIMITED

(A Govt. of India Enterprise)  
HLL Bhavan, Poojappura,  
Thiruvananthapuram - 695012, Kerala, India  
Tel: +91 471 2354949, 2350959, 2350961, 2356352.  
Website – [www.lifecarehll.com](http://www.lifecarehll.com)

## Tender for the manufacture and Supply of BLOOD BANK /HOSPITAL EQUIPMENTS under rate contract for 12 months.

BID REFERENCE	:	HLL/MKTG/SD/2014-15/05 dt. 09-07-2014
DATE OF COMMENCEMENT OF SALE OF BIDDING DOCUMENT	:	09-07-2014, 11.00 HRS
LAST DATE FOR SALE OF BIDDING DOCUMENT	:	29.07.2014, 11.30 HRS
LAST DATE AND TIME FOR RECEIPT OF BIDS	:	29.07.2014, 14.30 HRS
TIME AND DATE OF OPENING OF BIDS	:	29.07.2014, 15.00 HRS
PLACE OF OPENING OF BIDS	:	HLL Lifecare Limited HLL Bhavan, Poojappura, Thiruvananthapuram -695012 Kerala, India
ADDRESS FOR COMMUNICATION	:	HLL Lifecare Limited HLL Bhavan, Poojappura, Thiruvananthapuram -695012 Kerala, India Email – <a href="mailto:vgpillai@lifecarehll.com">vgpillai@lifecarehll.com</a> / <a href="mailto:hllsd@lifecarehll.com">hllsd@lifecarehll.com</a>

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# **SECTION I**

## **INVITATION FOR BIDS (IFB)**

## INVITATION FOR BIDS (IFB)

IFB No: **HLL/MKTG/SD/2014-15/05 DT. 09-07-2014**

HLL Lifecare Limited hereby invites sealed bids on price contract basis from eligible bidders for the supply of following items in HLL's Brand Name. Approximate quantity is as mentioned.

SI No	Description	Tentative Qty
1	Blood Bank Refrigerator 60 Bag Capacity	50
2	Blood Bank Refrigerator 150 Bag Capacity	25
3	Blood Bank Refrigerator 300 Bag Capacity	5
4	Low Freezer(-20 C) 180 Ltr	5
5	Low Freezer(-20 C) 325 Ltr	5
6	Low Freezer(-20 C) 480 Ltr	5
7	Deep Freezer(-40 C) 180 Ltr	5
8	Deep Freezer(-40 C) 325 Ltr	5
9	Deep Freezer(-40 C) 480 Ltr	5
10	Ultra Freezer (-80 C) 180 Ltr	5
11	Ultra Freezer (-80 C) 325 Ltr	5
12	Ice Lined Freezer 150 Ltr	5
13	Ice Lined Freezer 300 Ltr	5
14	Ice Lined Refrigerator 150 Ltr	10
15	Ice Lined Refrigerator 300 Ltr	5
16	Laboratory Refrigerator 90 Ltr	5
17	Laboratory Refrigerator 250 Ltr	5
18	Laboratory Refrigerator 450 Ltr	2
19	Blood Collection Monitor (With Battery Back up)	20
20	Blood Collection Monitor (With out Battery Back up)	20
21	Tube Sealer (Solid State)	25
22	Blood Bag Weighting Scale	25
23	Plasma Extractor (Manual)	5
24	Plasma Extractor (Electrical)	5
25	Platelet Incubator 125 Ltrs	5
26	Platelet Incubator 250 Ltrs	5
27	Platelet Incubator 500 Ltrs	5
28	Platelet Agitator 24 Platelet bags	5

SI No	Description	Tentative Qty
29	Platelet Agitator 48 Platelet bags	5
30	Plasma Thawing Bath	5
31	Water bath	20
32	Incubator (Precision) Incubator	20
33	Refrigerated Centrifuge	5
34	Donour Couch - EX	10
35	Donour Couch - VX	10
36	Donour Couch - DX	10
37	Portable Donor Couch	20
38	Dental Chair	10
39	Hospital Bed (Electrical) A	100
40	Hospital Bed (Electrical) B	20
41	Hospital Bed (Manual/Mechanical)	100
42	ICU Bed	10
43	Delivery Table SS Top	100
44	Scan Table Abdominal	5
45	Scan Table Abdominal & Thorasic	5
46	Scan Table Abdominal, Thorasic & Vaginal	2
47	Intensive Care Incubator	2
48	Transport Incubator	20
49	Open Care Warmer System Ordinary	100
50	Open Care Warmer System Regular	200
51	Open Care Warmer System Special	50
52	Radiant Warmer	25
53	Phototherapy Unit (CFL)	10
54	LED Phototherapy Unit (Single/Double) Surface Detachable type	50
55	Electronic baby weighing scale	50
56	Infant Bassinet - HNB	10
57	Blood Bag 'O' Ring	1000
58	BT Sets	100000
59	IV Sets -Non Vented	100000

Sealed Tenders in duplicate will be accepted till 14.30 Hrs on 29.07.2014 by the ASSOCIATE VICE PRESIDENT (SD&CTD)i/c, HLL Lifecare Limited, HLL Bhavan, Poojappura, Thiruvananthapuram - 695012 Kerala, India Tel: +91 471 2354949, 2350959, 2350961, 2356352. Website – [www.lifecarehll.com](http://www.lifecarehll.com).

1. Interested eligible Bidders may obtain further information from the office of the ASSOCIATE VICE PRESIDENT (SD&CTD)i/c, HLL Lifecare Limited, HLL Bhavan, Poojappura, Thiruvananthapuram - 695012. (Email: [vgpillai@lifecarehll.com](mailto:vgpillai@lifecarehll.com) )
2. A complete set of bidding documents may be purchased by any interested eligible bidder from the above office from 10.30 Hrs to 15.00 Hrs on any working day on submission of a written application to the above office and remitting a non-refundable fee of Rs. 1000 /- (including taxes) in the form of DD drawn in favour of HLL Lifecare Limited, payable at Thiruvananthapuram.
3. The Tender Document can also be downloaded from our Website [www.lifecarehll.com](http://www.lifecarehll.com) and cost of the Tender Document as mentioned above should be furnished along with Technical Bid.
4. Interested eligible bidders may submit their bidding documents at the office of the ASSOCIATE VICE PRESIDENT (SD&CTD)i/c, HLL Lifecare Limited, HLL Bhavan, Poojappura, Thiruvananthapuram – 695012 on or before the specified date and time. Bids will be evaluated for each item separately
5. All bids must be accompanied by the items/documents specified herein and must be delivered to the **ASSOCIATE VICE PRESIDENT (SD&CTD)i/c**, on or before 29.07.2014, 14.30 Hrs. The bids (Technical Bids) will be opened on 29.07.2014 at 15.00 Hrs, in the presence of the bidders or their duly authorized representatives who wish to attend the bid opening on the specified date and time at HLL's office mentioned above. In the event of the date being declared is a closed holiday for HLL, the due date for submission of bids and opening of bids will be the following working day at the appointed time.
6. Central Public Sector Enterprises/SSI Units registered with NSIC (certified copy required) shall be exempted from payment and Tender document cost, Earnest Money Deposit & security Deposits as per rules (upto their monetary limit).
7. The quantity mentioned above is only anticipated approximate quantity. The Purchaser reserves the right at the time of award of contract to increase or decrease the quantity of goods and services originally specified in the bid document without any change in unit price or other terms and conditions

## **SECTION II**

# **INSTRUCTION TO BIDDERS (ITB)**



## **INSTRUCTION TO BIDDERS (ITB)**

### **A. INTRODUCTION**

#### **1. Eligible Bidders**

- 1.1 Primary manufacturers along with their authorized distributors are eligible to participate in this tender.
- 1.2 Bidders should not be associated with the purchaser for the preparation of the design, specifications, and other documents used for the procurement of the goods under this Invitation of Bids.
- 1.3 The bidder or its primary manufacturer should have a minimum experience of 5 years in the field of manufacture and supply of the product. For new products considerable relaxation will be given at the discretion of the evaluating authority.
- 1.4 Bidder should have good financial background proven by balance sheet of two immediate previous financial years showing profit.

#### **2. Cost of Bidding**

- 2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid and HLL Lifecare Limited, Thiruvananthapuram, hereinafter referred to as "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

### **B. THE BIDDING DOCUMENTS**

#### **3. Contents of Bidding Documents**

- 3.1 The goods required, bidding procedures and contract terms are prescribed in the Bidding documents. In addition to the Invitation for Bids, the Bidding documents include:
  - a. Instruction to Bidders (ITB);
  - b. General Conditions of Contract (GCC);
  - c. Special Conditions of Contract (SCC);
  - d. Technical Specifications
  - e. Qualification criteria;
  - f. Bid Form
  - g. Price Schedules;
  - h. Performance statement
  - i. Check list
- 3.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

#### **4. Clarification of Bidding Documents**

- 4.1 A prospective Bidder requiring any clarification of the Bidding Documents may notify the Purchaser in writing at the Purchaser's mailing address indicated in the Invitation for Bids. The Purchaser will respond in writing to any request for clarification of the Bidding Documents which it receives not later than 5 days prior to the deadline for submission of bids prescribed by the Purchaser. Written copies of the Purchaser's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective Bidders who have sought clarification against the bidding documents.

## 5. Amendment of Bidding Documents

- 5.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by an amendment in company website only.
- 5.2 All prospective bidders who have received the Bidding Documents will be notified of the amendment in writing or by cable and will be binding on them.
- 5.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bid, the Purchaser may, at its discretion, extend the deadline for the submission of bids.

## C. PREPARATION OF BIDS

### 6. Language of Bid

- 6.1 The Bid prepared by the bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the English language. Supporting documents and printed literature furnished by the Bidder may be written in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the English translation shall govern.

### 7. Documents Comprising the Bid

Following documents and forms are to be included in the technical bid and price bid respectively.

#### 7.1 TECHNICAL BID

The technical bid shall consist of the following documents.

- a) **EMD / Bid Security amount of Rs.10000/- (Rupees Ten thousand only)** in the form of DD, drawn in favor of HLL Lifecare Limited, payable at Thiruvananthapuram. The EMD / Bid Security shall be refunded to the non-responsive bidders within 60 days from the date of opening of Bid.
- b) The technical specifications enclosed along with the bid document shall be confirmed by signature of the bidder/authorized signatory of the bidding firm, in all pages and authorized by official seal. The information shall be filled in the technical specifications wherever necessary as per the instructions given.
- c) Duly attested copies of factory license/ Industrial license, sales tax registration, and documents to prove the legal status, place of registration and principal place of business of the undertaking
- d) Duly attested copies of quality certificates for the products, quality system certifications and quality accreditation certificate as specified in technical specification.
- e) Copy of Balance sheet for the past two financial years, duly certified by a chartered accountant
- f) Proforma for equipment and quality control, duly filled as per section VII
- g) Performance statement in the proforma under section VIII
- h) Documentary evidence established in accordance with ITB Clause 11 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;
- i) Documentary evidence established in accordance with ITB Clause 12 that the goods and ancillary services to be supplied by the Bidder shall conform to the Bidding Documents

- j) Duly filled check list as per Section XII

## **7.2 PRICE BID**

Duly filled Bid Form and price schedule as per sections IX, X and XI respectively.

## **8. Bid Form**

- 8.1 The Bidder shall fill up the Bid Form and the appropriate Price Schedule furnish in the bidding documents, indicating for the goods to be supplied, a brief description of the goods, their country of origin, quantity and prices..

## **9. Bid Prices**

- 9.1 The Bidder shall indicate in the Price Schedule the unit prices and total Bid prices of the goods it proposes to supply under the Contract.

- 9.2 Prices indicated on the Price Schedule shall be entered separately in the following manner:

- (i) The price of the goods, quoted ex-factory, ex-show-room, ex-warehouse, or off-the-shelf, or delivered, as applicable, including all duties and sales and other taxes already paid or payable:

(a) on components and raw material use in the manufacture or assembly of the goods quoted ex-factory; or

(b) on the previously imported goods of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.

- (ii) Any purchaser-country sales and other taxes which will be payable on the goods if this contract is awarded;

- (iii) Charges for inland transportation, insurance and other local costs incidental to delivery of the goods to their final destination; and

- (iv) The cost of incidental services listed in the Special Conditions of Contract.

above will be solely for the purpose of facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered

- 9.3 The Bidders separation of the price components in accordance with ITB Clause 9.2 (i)

- 9.4 Fixed price: Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.

## **10. Bid Currencies**

- 10.1 Prices shall be quoted in Indian Rupees.

## **11. Documents establishing bidder's eligibility and qualifications**

- 11.1 Pursuant to ITB Clause 7, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

- 11.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its bid is accepted, shall establish to the Purchaser's satisfactions.

(a) that the bidder has the financial, technical and production capability necessary to perform the Contract and meets the criteria outlined in the qualification requirements specified in Section VI. To this end, all bids submitted shall include the following

information:

- (i) The legal status, place of registration and principle place of business of the company or firm or partnership, etc;
- (ii) Details of experience and past performance of the bidder on items offered and on those of similar nature within the past three years and details of current contracts in hand and other commitments (as per proforma given in Section VIII)

## 12 .Documents establishing goods conformity to bidding documents

- 12.1 Pursuant to ITB Clause 7, the Bidder shall furnish, as part of its bid, documents establishing the conformity to the bidding documents of all goods and services which the bidder proposes to supply under the contract.
- 12.2 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data and shall consist of:
  - (a) a detailed description of the essential technical and performance characteristics of the goods;
  - (b) a list giving full particulars, including available sources and current prices, of all spare parts, special tools, etc., necessary for the proper and continued functioning of the goods for a period of three years, following commencement of the goods used by the Purchaser; and
  - (c) an item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 12.3 For the purpose of the commentary to be furnished pursuant to ITB Clause 12.2 (c) above, the Bidder shall note that standards for workmanship, material and equipments and references to brand names or catalogue numbers, if any, designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutes are substantially equivalent or superior to those designated in the Technical Specifications.

## 13. Period of Validity of Bids

- 13.1 Financial Bid shall be valid for a period of **One year**.
- 13.2 In exceptional circumstances, the Purchaser may solicit the bidders consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

## 14. Format and Signing of Bid

- 14.1 The bidder shall prepare two copies of the bid clearly marking each "Original Bid" and "Copy Bid" as appropriate. In the event of any discrepancy between them, the original shall govern.
- 14.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorised to bind the Bidder to the Contract. The letter of authorisation shall be indicated by written power-of-attorney duly notarized accompanying the bid. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.
- 14.3 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

## **D. SUBMISSION OF BIDS**

### **15 Sealing and Marking of bids**

**Separate bids shall be submitted for price bid and technical bids.**

- 15.1 The bidders shall seal Technical bid and Price bid in separate inner envelopes, duly marking the envelopes as “TECHNICAL BID” and ‘PRICE BID. The Bidders shall then place both the inner envelopes in an outer envelope. The name of the product for which the bid is made must be marked on both the inner envelopes and the outer envelop.
- 15.2 The inner and outer envelopes shall be addressed to the Purchaser at the following address:

**ASSOCIATE VICE PRESIDENT (SD&CTD)i/c,  
HLL Lifecare Limited,  
HLL Bhavan, Poojappura,  
Thiruvananthapuram -695012 Kerala, India  
Tel: +0471 2354949, 2350959, 2350961, 2356352.  
Website – www.lifecarehll.com**

- (a) The outer envelope shall bear the Invitation for bids (IFB) number, and a statement: **“DO NOT OPEN BEFORE” 15.00 Hrs. ON 29.07.2014”**
- (b) The inner envelope shall also indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared “late”.
- (c) If the inner and outer envelopes are not sealed and marked as required the Purchaser will assume no responsibility for the bid’s misplacement or premature opening.
- (d) Telex, cable or facsimile bids will be rejected
- (e) Bids must be received by the Purchaser at the address specified not later than the date and time specified in the Invitation For Bid. In the event of the specified date for the submission of bids, being declared a holiday for the Purchaser, the bids will be received up to the appointed time on the next working day.
- (f) The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in which case all rights and obligations of the Purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

### **16. LATE BIDS**

- 16.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser, will be rejected and returned unopened to the bidder.

### **17. MODIFICATION AND WITHDRAWAL OF BIDS**

- 17.1 The bidder may modify or withdraw its bid after the bid submission, provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.
- 17.2 The bidder’s modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of ITB Clause 15. A withdrawal notice may also be sent by telex or cable or fax, but followed by a signed confirmation copy, post-marked not later than the deadline for submission of bids.
- 17.3 No bid may be modified subsequent to the deadline for submission of bids.

- 17.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidder in the Bid Document.

## **E. BID OPENING AND EVALUATION**

### **18. Opening of Bids by Purchaser**

- 18.1 The Purchaser will open all bids, in the presence of bidder's representatives who choose to attend, at 15.00 Hrs on 29.07.2014 at the following location:

**HLL Lifecare Limited,  
HLL Bhavan, Poojappura,  
Thiruvananthapuram -695012 Kerala, India  
Tel: +0471 2354949, 2350959, 2350961, 2356352.  
Website – www.lifecarehll.com**

- 18.2 The bidder's representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of bid opening being declared a holiday for the Purchaser, the bids shall be opened at the appointed time and location on the next working day.
- 18.3 The bidder's names, modifications, bid withdrawals and the presence or absence of the requisite documents and such other details as the Purchaser, at its discretion, may consider appropriate will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the bidder pursuant to ITB Clause 16.
- 18.4 The Purchaser will prepare minutes of the bid opening
- 18.5 The "Price Bid" (Cover B) will be opened after evaluation of "Technical bids" (Cover A) and the date and time will be intimated to bidders whose bids are responsive and who are selected by the Purchaser.
- 18.6 The purchaser will scrutinize the technical bid for compliance to the specifications and documentation requirement as per the bid document. Purchaser will depute its competent officers to the premises of the bidder qualified on the basis of technical scrutiny, for on-site evaluation of the claims made in the technical bid, if deemed appropriate on purchaser's sole discretion. The bidders will be short-listed on the basis of responsiveness of technical bid as well as report of on-site technical evaluation. The price bid of the bidders who are disqualified at the technical scrutiny and on-site evaluation will be returned un-opened. The on-site evaluation may include the inspection of the specimen sample of the goods. The short listed bidders will be informed about the time, date and venue of the price bid opening. The successful bidder shall be identified on the basis of lowest evaluated substantially responsive bid.

## **19. CLARIFICATION OF BIDS**

- 19.1 During evaluation of bids, the Purchaser may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

## **20 PRELIMINARY EXAMINATIONS**

- 20.1 The Purchaser will examine the bids to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, and whether the bids are generally in order.
- 20.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity,

the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the bidder does not accept the correction of the errors, its bid will be rejected.

- 20.3 The Purchaser may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any bidder.
- 20.4 Prior to the detailed evaluation, pursuant to Clause ITB 21, the purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Warranty, Force Majeure, Applicable law and Taxes and Duties will be deemed to be material deviation. The purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 20.5 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the bidder by correction of the non-conformity.

## 21. EVALUATION AND COMPARISON OF BIDS

- 21.1 The Purchaser will evaluate and compare bids previously determined to be substantially responsive, pursuant to ITB Clause 20.
- 21.2 The purchaser's evaluation of a bid will take into account, in addition to the bid price (ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within India, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITB Clause 21.3 and in the technical specifications:
- cost of inland transportation, insurance, installation and other costs incidental to the delivery of goods to any consignee location in India as mentioned in Notice of award
- Cost of inland transportation, insurance and other costs incidental to the **delivery of goods**/ to Stores, HLL Lifecare Limited, Akkulam, Thiruvananthapuram
- The comprehensive annual maintenance charges for a period of 3 years subsequent to free guarantee maintenance period of minimum 1 year
- 21.3 Pursuant to ITB Clause 21.2 the following evaluation methods will be applied:

(a) Inland transportation, from factory, insurance and incidentals.

- Inland transportation, insurance, installation and other incidentals, for delivery of goods to the required locations mentioned in ITB Section 21.2. The above costs will also be considered in the bid price.

(b) Spare parts and after sales service facilities in India:

The cost of the Purchaser of establishing the minimum service facilities and parts inventories, as outlined elsewhere in the bid invitation, if quoted separately, shall be added to the bid price.

(c) Comprehensive Maintenance Contract (CMC) **if applicable**:

The Purchaser desires to have separately comprehensive maintenance charges for a period of 3 years after the expiry of free maintenance period, clearly indicating year wise comprehensive maintenance charges, as per Section XI

## 22. CONTACTING THE PURCHASER

- 22.1 No bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of the purchaser it should do so in writing.
- 22.2 Any effort by a bidder to influence the purchaser in its decisions on bid evaluation, bid comparison, or selection may result in the rejection of the bidders bid.

## **F. AWARD OF CONTRACT**

### 23. POST QUALIFICATION

- 23.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the bidder that is selected as having submitted the lowest evaluated responsive bid meets the criteria specified in ITB Clause 11.2 and is qualified to perform the contract satisfactorily
- 23.2 The determination will take into account the bidders financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to ITB Clause 11 as well as such other information as the Purchaser deems necessary and appropriate.
- 23.3 An affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidders bid, in which event the Purchaser will proceed to the next lowest evaluated bid to make a similar determination of that bidder's capabilities to perform satisfactorily.

### 24. AWARD CRITERIA

- 24.1 Subject to ITB Clause 28, the Purchaser will award the contract to the successful bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the bidder is determined to be qualified to perform the contract satisfactorily.

### 25. PURCHASER'S RIGHT TO VARY QUANTITIES AT TIME OF AWARD

- 25.1 The Purchaser reserves the right at the time of award of contract to increase or decrease the quantity of goods and services originally specified in the bid document without any change in unit price or other terms and conditions
- 25.2 The **quantity mentioned herein are approximate annual projection** and in case more or less quantity is required, the suppliers should be prepared to effect supply at short notice on the same terms and conditions

### 26. PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

- 26.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award Contract award, without thereby incurring any liability to the affected bidder or bidders.

### 27. NOTIFICATION OF AWARD

- 27.1 Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by cable or telex, to be confirmed, that its bid had been accepted.
- 27.2 The notification of award will constitute the formation of the contract



## **28 SIGNING OF SUPPLY AGREEMENT**

- 28.1 The successful bidder has to sign a supply agreement is Kerala stamp paper worth Rs 100, the draft of which will be sent to the lowest responsive bidder, with a letter informing acceptance of bid. Within 20 days of receipt of the information regarding acceptance of the bid, the successful bidder shall sign the supply agreement and return it to the Purchaser.

## **29. DELAYS IN DELIVERY OF GOODS**

- 29.1 Delivery of the Goods shall be made by the Supplier within 30 days from the date of placing the Purchase Order. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods , the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without penalty.
- 29.2 A delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of penalty pursuant to agreement, unless an extension of time is agreed upon pursuant to agreement without the application of liquidated damages.
- 29.3 If the Supplier fails to deliver any or all of the Goods or perform the Services within the time period(s) specified in the Purchase Order, the purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in the purchase order.

## **30 PAYMENT TERMS**

- 30.1 90 % payment shall be made within 30 days from the receipt and acceptance of goods at the warehouse at: designated delivery designation / HLL Lifecare Limited, Akkulam, Thiruvananthapuram. The balance 10 % of the invoice value shall be paid against submission of necessary documents including Installation report .Total payment (100% payment) will be released only after satisfactory completion of installation, and commissioning report / receipt of final acceptance certificate by the consignee.
- 30.2 Test Reports (wherever applicable) are to be forwarded along with the original invoices.
- 30.3 **Payment for Annual Comprehensive Maintenance Contract Charges.**

The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee

## **SECTION III**

# **GENERAL CONDITIONS OF CONTRACT**

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## GENERAL CONDITIONS OF CONTRACT

### 1. DEFINITIONS

1.1 In this contract the following terms shall be interpreted as indicated:

- (a) "The Contract" means the agreement entered into between the Purchaser and the Supplier as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;
- (c) "The Goods" means all the products, equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;
- (d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the contract;
- (e) "GCC" means the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Purchaser" means the Organisation purchasing the Goods, as named in SCC;
- (h) "The Supplier" means the individual or firm supplying the Goods under this Contract;
- (i) "Day" means calendar day.
- (j) "Delivery period" means the period applicable upto completion of supply, installation and testing by the supplier at the required location mentioned in purchase order and accepted by the Purchaser.

### 2. APPLICATION

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

### 3. STANDARDS

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

### 4. USE OF CONTRACT DOCUMENTS AND INFORMATION

- 4.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

- 4.3 Any document, other than the Contract itself, enumerated in GCC clause 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the supplier's performance under the Contract if so required by the Purchaser.

## **5. PATENT RIGHTS**

- 5.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

## **6. INSPECTION AND TESTS**

- 6.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract at no extra cost of the Purchaser. The Special conditions of Contract and/or the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing of the identity of any representatives retained for these purposes.
- 6.2 The inspections and test may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the Goods final destination. Where conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser.
- 6.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject them and the Supplier shall either replace the rejected Goods or make all alternations necessary to meet specification requirements free of cost to the Purchaser.
- 6.4 The Purchasers right to inspect, test and, where necessary, reject the Goods' arrival in at site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods despatched.

## **7. PACKING**

- 7.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods final destination and the absence of heavy handling facilities at all points in transit.
- 7.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser

## **8 DELIVERY AND DOCUMENTS**

- 8.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified by the Purchase Order by the Purchaser. The details of despatching and/or other documents to be furnished by the supplier are specified in the Purchase order, if any.

## **9. INSURANCE**

- 9.1 The Goods Supplied under the Contract shall be fully insured in Indian Rupees against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the Special Conditions of Contract.

## **10. INCIDENTAL SERVICES**

- 10.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) Performance or supervision of the on-site assembly and/or start-up of the supplied goods
  - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
  - (c) furnishing of detailed operations and maintenance manual for each product
  - (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
  - (e) training of the Purchaser's Personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.

## **11 SPARE PARTS**

- 11.1 As specified in the Special Conditions of Contract, the Supplier may be required to provide any or all of the following materials and notifications and information pertaining to spare parts manufactured or distributed by the Supplier:
- (a) Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this selection shall not relieve the Supplier of any warranty obligations under the Contract; and
  - (b) In the event of termination of production of the spare parts:
    - (i) advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
    - (ii) following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if and when requested.

## **12. WARRANTY**

- 12.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The supplier further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in conditions obtaining in the country of final destination
- 12.2 This warranty shall remain valid for minimum one year, as applicable, after the Goods or any portion thereof as the case may be, have been delivered to and accepted/ installed & commissioned at the final destination indicated in the Contract
- 12.3 The Purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 12.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Purchaser.

- 12.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the contract.

### **13. PAYMENT**

- 13.1 The method and conditions of payment to be made to the Supplier under the Contract shall be specified in the Special Conditions of Contract.
- 13.2 The Suppliers request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the services performed, and by documents, submitted pursuant to GCC Clause 8, and upon fulfillment of other obligations stipulated in the contract.
- 13.3 Payment shall be made promptly by the Purchaser but in no case later than sixty (60) days after submission of the invoice/claim by the Supplier.
- 13.4 Payment shall be made in Indian Rupees

### **14. PRICES**

- 14.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any prices adjustments authorized in the special Conditions of Contract or in the Purchaser's request for bid validity extensions, as the case may be.

### **15. CHANGE ORDERS**

- 15.1 The Purchaser may at any time by written order given to the Supplier, make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipping or packing
  - (c) the place of delivery; or
  - (d) the services to be provided by the Supplier.
- 15.2 If any such changes causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

### **16. CONTRACT AMENDMENTS**

- 16.1 Subject to GCC Clause 17, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

### **17. ASSIGNMENT**

- 17.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the Purchaser's prior written consent.

### **18. SUBCONTRACTS**

- 18.1 The supplier shall notify the Purchaser in writing of all subcontracts awarded under the contract if not already specified in his bid. Such notification, in his original bid or later, shall not relieve the Supplier from any liability or obligation under the contract.

## **19. LIQUIDATED DAMAGES**

- 19.1 If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the SCC if any. Once the maximum is reached, the Purchaser may consider termination of the Contract.

## **20. TERMINATION BY DEFAULT**

- 20.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the Contract in whole or part;
- (a) if the Supplier fails to deliver any or all of the goods within the time period(s) specified in the Contract, or within any extension thereof granted by the Purchaser, or
- (b) if the Supplier fails to perform any other obligation(s) under the contract.
- 20.2 In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

## **21. FORCE MAJEURE**

- 21.1 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 not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 21.2 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

## **22. TERMINATION FOR INSOLVENCY**

- 22.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

## **23. RESOLUTION OF DISPUTES**

- 23.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 23.2 If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified in the Special Conditions of Contract. These mechanisms may include, but are not limited to, conciliation mediated by a third Party, adjudication in an agreed national forum, and national arbitration.



23.3 The jurisdiction of any disputes, suits and proceeding arising out of the tender shall be only in the court of Thiruvananthapuram

#### **24. GOVERNING LANGUAGE**

24.1 The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

#### **25. APPLICABLE LAW**

25.1 The Contract shall be interpreted in accordance with the laws of the Union of India.

#### **26. NOTICES**

26.1 Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other Party's address specified in Special Conditions of Contract.

26.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

#### **27. TAXES AND DUTIES**

27.1 Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi etc., incurred until delivery of the contracted Goods to the Purchaser. However, Sales tax in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the Notification of Award

## **SECTION IV**

# **SPECIAL CONDITIONS OF CONTRACT**

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## **SPECIAL CONDITIONS OF CONTRACT**

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of contract. The Corresponding clause number of the General Conditions is indicated in parentheses.

### **1. DEFINITIONS (GCC Clause 1)**

(a) The Purchaser is HLL Lifecare Limited, Thiruvananthapuram.

### **2. INSPECTION AND TESTS (GCC Clause 6)**

- 2.1 The following inspection procedures and tests are required by the Purchaser; The supplier shall get each equipment inspected in manufacturer's works and submit a test certificate and also guarantee/warranty certificate that the equipment conforms to laid down specifications.
- 2.2 The Purchaser or its representative shall inspect and/or test any or all the equipment to confirm their conformity to the Contract specifications, prior to despatch from the manufacturer's premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the equipment on receipt at destination.
- 2.3 If the equipment fails to meet the laid down specifications the supplier shall take immediate steps to remedy the deficiency or replace the defective equipment to the satisfaction of the Purchaser.

### **3. INSURANCE (GCC Clause 9)**

- 3.1 For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from "Warehouse to Warehouse" (Final destinations) on "All Risks" basis including War Risks and Strike.

### **4. INCIDENTAL SERVICE (GCC Clause 10)**

- 4.1 The following services covered under GCC Clause 10 shall be furnished and the cost shall be included in the contract price:
  - (a) Unloading, safe storage and handling of consignment of site.
  - (b) On site assembly if any of the supplied goods, installation, testing and commissioning of the equipment.
  - (c) Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;

### **5 .SPARE PARTS (GCC Clause 11)**

Add as Clause 11.2 to the GCC the following:

- 5.1 Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods. Other main spare parts and components shall be supplied as promptly as possible but in any case within one week of placement of order.

### **6. WARRANTY (GCC Clause 12)**

Substitute GCC Clause 12.2 by the following:-

- 6.1 This warranty shall remain valid for minimum ONE year after goods or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract.

- 6.2 Any major repair pointed out by the Purchaser within the warranty period shall be rectified by the Supplier from the date of intimation within a period of 3 calendar days and commission the equipment to the satisfaction of the Purchaser. Failing which the Purchaser has the right to levy penalty on the Supplier per day or part thereof for each equipment until the equipments are repaired and commissioned to the satisfaction of the Purchaser
- 6.3 The Supplier shall, in addition, comply with the performance and/ or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion either
- (a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 2:

## **7. PAYMENT (GCC Clause 13)**

- 7.1 Payment for Goods and Services shall be made in Indian Rupees as follows:
- i) No advance payment is payable.
  - ii) 90 % payment shall be made within 30 days from the receipt and acceptance of goods at the warehouse at designated delivery designation / HLL Lifecare Limited, Akkulam, Thiruvananthapuram. The balance 10 % of the invoice value shall be paid against submission of necessary documents including Installation report .Total payment (100% payment) will be released only after satisfactory completion of installation, and commissioning report / receipt of final acceptance certificate by the consignee
  - iii) Payment for Annual Comprehensive Maintenance Contract Charges:  
The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee

## **8. PRICES (GCC Clause 14)**

Substitute Clause 14.1 of the GCC with the following:

- 8.1 Prices payable to the Supplier as stated in the Contract shall not be subject to adjustment during performance of the Contract.

## **9. SUB CONTRACT (GCC Clause 18)**

Add at the end of sub-clause 18.1 the following:

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

## **10. LIQUIDATED DAMAGES (GCC Clause 19)**

For delays:

Substitute GCC Clause 19.1 by the following:

- 10.1 If the Supplier fails to deliver any or all of the Goods or perform of services within the time period(s) specified in the Contract, the Purchaser shall without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5 percent of the delivered price of the delayed Goods or unperformed Services for each week of delay or part thereof until actual delivery or performance, up to a maximum deduction of 10 percent of the delayed Goods or Services contract price. Once the maximum is reached, the Purchaser may consider termination of the Contract.

## 11. RESOLUTION OF DISPUTES (GCC Clause 23)

Add as GCC Clauses 23.3 and 23.4 the following:

- 11.1 The dispute resolution mechanism to be applied pursuant to GCC Clause 23 shall be as follows:
- (a) In the case of a dispute or difference arising between the Purchaser and a Supplier relating to any matter arising out of or connected with this agreement, such dispute or difference shall be settled in accordance with the Arbitration and Conciliation Act 1996 the Arbitral Tribunal shall consist of 3 Arbitrator, one each to be nominated by the Purchaser and the supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the parties and shall act as Presiding Arbitrator. In case of failure of the two Arbitrator appointed by the parties to reach upon a consensus with in a period of 30 days from the appointment of the Arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the President of Institute of Engineers (India).
- 11.2 The venue of arbitration shall be the place from where the Contract is issued (ie.) Thiruvananthapuram.

## 12. COMPREHENSIVE MAINTENANCE CONTRACT (CMC):

- 12.1 Any major repair pointed out by the Purchaser shall be rectified by the Supplier from the date of intimation within a period of 3 calendar days and commission the equipment to the satisfaction of the Purchaser. Failing which the Purchaser has the right to levy penalty on the Supplier per day or part thereof for each equipment until the equipments are repaired and commissioned to the satisfaction of the Purchaser.
- 12.2 The Supplier shall indicate clearly the free guarantee maintenance of the whole system supplied by the Supplier and the same should not be less than 1 year.
- 12.3 The Supplier shall also indicate separately post guarantee maintenance cost of the entire system for 3 years subsequent to free maintenance period and shall clearly indicate year wise maintenance cost with probable cost of spares required for each year, in addition to comprehensive maintenance charges.

## 13. ENCLOSURES TO BID:

- 13.1 Technical bid (Cover A): Technical Bid shall include duly filled up Tender documents along with
- Bid Security / EMD amount in form of DD, drawn in favor of HLL Lifecare Limited, payable at Thiruvananthapuram.
  - Duly attested copy of License, approved by the concerned Licensing Authority.
  - Documentary evidence of constitution of firm such as Memorandum of Articles, Partnership Deed, etc., with details of Name, Address, Tel. No., Fax No., E-mail Address of firm and the Managing Director / Partner / Proprietor.
  - Authorization of senior responsible officer of the Company to transact business.
  - Annual turnover statement for last three years certified by the Auditor.
  - Copies of Balance Sheet and Profit & Loss Account for two years certified by the Auditors.
  - Self certified statement of the Installed manufacturing capacity of the Items quoted.
  - Qualification Criteria – Section VI
  - Performance Statement - Section VIII
  - Technical literature and other documents in support of the goods / services.

- k) Specification compliance statement
- l) List of items quoted (without prices)
- m) Duly filled check list as per Section – XII
- n) Copy of the receipt against the purchase of tender document.

13 .2 Price Bid (Cover B):

**Price bid shall include**

- a) Duly filled in Price Schedule - Section X and XI
- b) Bid Form – Section IX
- c) The comprehensive annual maintenance charges for a period of 3 years subsequent to free guarantee maintenance period of 1 year along with probable cost of spare parts, as per Section XI.
- d) Price List of essential spares
- e) Price List of Optional accessories

Equipment wise separate list with details such as:

- 1) Make:
- 2) Model:
- 3) Part No
- 4) others

Please note that the Bidder run the risk of his bid being rejected if the Price Schedule contains any conditions.

## **SECTION V**

# **TECHNICAL SPECIFICATIONS**



## TECHNICAL SPECIFICATIONS

### HICARE OEM TECHNICAL SPECIFICATION

#### **1-3. BLOOD BANK REFRIGERATOR (60 Bags/150 Bags/300 Bags)**

Temperature Range	4 °C with +/- 2 °C adjustment
Capacity	60 Bags/150 Bags/300 Bags/600 Bags
Shelves/Trays & Capacity	Removable shelves made of SS 304 to hold required no. of blood bags as per the capacity of the refrigerator
Design	Outer Cabinet made of durable pre-coated, galvanized sheets and interior made of non-rusting Stainless steel SS 304 sheets. Fully extendable drawers with dividers made of turret punched and corrosion free stainless steel sheets for convenient storage of blood bags and permitting free turbulence of cold air. No frost, Positive forced air circulation ensures temperature uniformity. Self closings, Double pane glass door, lock as standard. Interior full length cabinet light with an ON/OFF switch. Non-CFC, environment-friendly PUF insulation. Fitted with castors, front two with brakes.
Refrigeration	Low noise, Hermetically sealed compressor with CFC-free environment-friendly refrigerant (R-134A). Air cooled condenser aided by continuous rated motor fan. Back to front condenser airflow to keep the glass pane door free from moisture condensation. Auto defrost and condensate removal. Energy saving design.
Temperature Recorder	Microprocessor based temperature chart recorder. Built-in, circular, weekly (7-day) recorder. Graphic chart provides permanent record of storage conditions.
Control System	Microprocessor based digital temperature controller Alarms for temperature deviation (High/Low), power failure and door open condition Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply) Automatic voltage stabilizer with high / low voltage cut-off & time delay restart Input 220/240V, 50 Hz, power cord & plug CE certified, ISO 9001:2010 certification

#### **4-6. LOW FREEZERS VERTICAL TYPE (-15 °C to -20°C) (180 Liters, / 325 Liters/ 480 Liters)**

Temperature Range	-15° C to -20° C
Capacity	180 Ltrs / 325 Ltrs
Features	Both inner & outer chambers made of high quality stainless steel SS 304 grade Double external doors for use convenience Aesthetic luxurious finish, durable, rounded interior corners, durable & easy to clean Microcontroller & digital display of temperature. Superior refrigeration design with easy accessibility for service maintenance. Smooth Castor wheels, front two with brakes. 3 No.s of Thick Epoxy Plastic coated steel shelves, adjustable

	<p>CFC-free, R-134a refrigerant, environmentally friendly CFC-free, environment friendly Cyclopentene foaming PUF insulation Low noise, comfortable operation. Energy-Saving design, effectively reduces electricity consumption Self-closing door design Door frame cold-bridge cut off design, can effectively prevent the refrigerating loss Input power 220-240 Volts, supplied with power cord &amp; plug. Automatic Voltage Stabilizer with high and low voltage cut off.</p>
Optional Items	<p>Circular Chart temperature recorder Data logger with display for continuous logging of temperature through external USB Data logger with SMS alert system Cryo Coolant cassettes (rectangular anodized aluminium cassettes) with special cryogenic coolant inside to protect the samples in frozen condition over a period of 24 - 36 hours during power failure . Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply).</p>

#### 7-9. DEEP FREEZERS (-35° c to - 40°C) (180 Ltrs / 325 Ltrs /480 Ltrs)

Temperature Range	-35° C to – 40° C
Capacity	180 Ltrs / 325 Ltrs /480 Ltrs
Features	<p>Single Stage Refrigeration Systems CFC-Free, environment friendly refrigerators R-404A High Density, CFC –free, eco-friendly PUF insulation Air cooled condenser aided by continuous rated motor fan High purity copper coils and shelves made of SS-304 22swg Outer Cabinet CRCA with durable polyester powder coat Sub doors for inner compartment Made of SS304/Poly acrylic Sheet Flat Latch Microprocessor control with digital display of temperature with Password Protection Temperature Sensors NTC Audio Visual Alarm for Temperature Deviation and power failure Low battery and hot condenser lamp indicators Safety interlock control between two stages of refrigerators and also High pressure safety switches Chart recording and alarm during power failure MCBs for Overload protection, Heavy duty castors , Two with brakes Automatic voltage stabilizer with High/Low voltage cut-off&amp; time-delay CE certified.</p>
Optional Item	<p>Gloves Racks Boxes Circular 7-day Chart Recorder, Microprocessor based Battery back-up(Rechargeable )/UPS for temperature display Temperature Chart recording and alarm during power failure Data logger with USB memory Remote alarm contact Coolant cassettes for temperature back up LN2 / CO2 back up Auto Rechargeable Battery back-up for temperature display, chart recorder</p>

	and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply)
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**10-11. ULTRA LOW FREEZERS UPRIGHT TYPE (-40°C to -80°C) (180 Ltrs/ /325 Ltrs)**

Temperature Range	Up to – 80° C
Capacity	180 Ltrs / 325Ltrs
Features	<p>Cascaded Refrigeration Systems CFC-Free, environment friendly refrigerators R-508B(SUVA-95) and R-404A Braze Plate Heat Exchanger(BPHE) High Density, CFC –free, eco-friendly PUF insulation Air cooled condenser aided by continuous rated motor fan High purity copper coils and shelves made of SS-304 22swg Outer Cabinet CRCA with durable polyester powder coat Sub doors for inner compartment Made of SS304/Poly acrylic Sheet Cam Action Lock Microprocessor control with digital display of temperature with Password Protection Temperature Sensors PT100/NTC Audio Visual Alarm for Temperature Deviation and power failure Low battery and hot condenser lamp indicators Safety interlock control between two stages of refrigerators and also High pressure safety switches MCBs for Overload protection, Heavy duty castors , Two with brakes Automatic voltage stabilizer with High/Low voltage cut-off&amp; time-delay CE certified by TUV-SUV</p>
Optional Item	<p>Gloves Racks Boxes Circular 7-day Chart Recorder, Microprocessor based Battery back-up(Rechargeable )/UPS fir temperature display Temperature Chart recording and alarm during power failure Data logger with USB memory Remote alarm contact Coolant cassettes for temperature back up LN2 / CO2 back up Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply)</p>

**12-13. ICE LINE FREEZERS (Upto -22°C) (150 Ltrs/300 Ltrs)**

<b>S P E C I F I C A T I O N S</b>	
<b>ICE LINED FREEZER (Up to -22°C ) – ILF – CHEST TYPE</b>	
<b>DESIGN:</b>	
Capacity	150 Ltrs / 300 Ltrs
Temperature Holding Time	24 hours from -20°C to -5°C (with 15 Kg of Load).
Inner Chamber	Made of Stainless steel AISI 304 grades, 18SWG, tig welded to the chamber.
Middle Chamber	Made of Galvanized Steel.
Outer Chamber	Made of CRCA sheets, 18SWG (1.0mm) finished with attractive two-scheme polyester powder coat.

Sub-doors	Made of Polyrexine of 40mm thickness.
Insulation	Polyurethane Foam insulation of 75mm thick between the middle and outer chamber
Closure	Durable magnetic rubber gaskets.
Main Door	PUF insulated, main door with inner FRP lining and lock.
Hot Line	Anti – condensation using hot line at the mouth of the cabinet.
Castors	Equipment mounted on Heavy duty swivel castors with brakes.
<b>REFRIGERATOR: (Non-CFC, Non-HCFC)</b>	
Compressors	Heavy duty, hermetically sealed compressors from Tecumseh / Emerson or equivalent.
Coolant	Ethylene Glycol of high Specific heat capacity.
Refrigerant	Non-CFC, Non-HCFC, eco-friendly refrigerant (R-134a).
Combi -Condenser	Skin Condenser on inner lining on external body + Air-cooled condenser with grooved aluminum fins for effective heat transfer.
Cooling coils	High purity (99.9%) copper cooling coils all around the inner cabinet.
<b>CONTROL SYSTEM: (microprocessor based)</b>	
Controller	Microprocessor based temperature controller with digital display form DIXELL equivalent
Sensors	Fast response, NTC thermistor sensor.
Alarms	Audio-visual alarms for temperature rise, low battery.
Safety	Fuses for Compressor and Temperature controller.
Stabilizer	Automatic Voltage Stabilizer with High/Low Voltage cut-off and time-delay restart.
Calibration	Temperature calibration traceable to National standards. (ETDC)
<b>Optional</b>	
Back-up	Inverter circuit for continuous display and recording of temperature up to 10 - 12 hours with auto recharging, battery indication (Optional). Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply)
Temp Recorder	Micro Processor based Weekly Circular Chart Temperature Recorder from (Optional).

#### 14-15. ICE LINED REFRIGERATOR (4°C) – (150 Ltrs/300 Ltrs)

<b>SPECIFICATIONS</b>	
<b>ICE LINED REFRIGERATOR (4°C) – ILR – CHEST TYPE</b>	
<b>DESIGN:</b>	
Capacity	150 Ltrs / 300 Ltrs
Temperature Holding Time	24 hours from 4 °C to 2 °C (with 15 Kg of Load).
Inner Chamber	Made of Stainless steel AISI 304 grade, 18SWG, tig welded to the chamber.
Middle Chamber	Made of Galvanized Steel.
Outer Chamber	Made of CRCA sheets, 18SWG (1.0mm) finished with attractive two-scheme polyester powder coat.
Sub-doors	Made of Polyrexine of 40mm thickness.

Insulation	Polyurethane Foam insulation of 75mm thick between the middle and outer chamber.
Closure	Durable magnetic rubber gaskets.
Main Door	PUF insulated, main door with inner FRP lining and lock.
Hot Line	Anti – condensation using hot line at the mouth of the cabinet.
Castors	Equipment mounted on Heavy duty swivel castors with brakes.
<b>REFRIGERATON: (Non-CFC, Non-HCFC)</b>	
Compressors	Heavy duty, hermetically sealed compressors from Tecumseh / Emerson or equivalent.
Coolant	Ethylene Glycol of high Specific heat capacity.
Refrigerant	Non-CFC, Non-HCFC, eco-friendly refrigerant (R-134A).
Combi -Condenser	Skin Condenser on inner lining on external body + Air-cooled condenser with grooved aluminum fine for effective heat transfer.
Cooling coils	High purity (99.9%) copper cooling coils all around the inner cabinet.
<b>CONTROL SYSTEM: (microprocessor based)</b>	
Controller	Microprocessor based temperature controller with digital display form DIXELL equivalent.
Sensors	Fast response, NTC thermistor sensor.
Alarms	Audio-visual alarms for temperature rise, low battery.
Safety	Fuses for Compressor and Temperature controller.
Stabilizer	Automatic Voltage Stabilizer with High/Low Voltage cut-off and time-delay restart.
Calibration	Temperature calibration traceable to National standards. (ETDC)
<b>Optional</b>	
Back-up	Inverter circuit for continuous display and recording of temperature up to 10 - 12 hours with auto recharging, battery indication (Optional). Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply)
Temp Recorder	Micro Processor based Weekly Circular Chart Temperature Recorder from Optional).

### 16-18. LABORATORY REFRIGERATOR (90 Ltrs/250Ltrs/450 Ltrs)

Temperature Range	+1° C to +8° C
Capacity	90 Litres/250Ltrs/450 Ltrs
Inner Chamber	Made of Stainless Steel (22 G), Non corrosive
Outer Chamber	Made of Powder Coated CRCA sheet/SS
Insulation	Minimum 70mm Thick CFC free PUF Insulation
Control System	Micro Controller based temperature indicator cum controller with digital display and PT 100 sensor. ( $\pm 0.5^{\circ}\text{C}$ accuracy)
Refrigeration System	Hermetically Sealed CFC Free Compressor with (Eco Friendly) refrigerant
Doors	Double pane Glass Doors/Metal Doors
Air Circulation	Motor and blower arrangement to have uniformity of condition under chamber loaded condition.

Display	Digital display of temperature, Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply)
Trays	Stainless steel perforated trays. There should be provision for tray height adjustment
Condenser	Air-cooled condensers with continuous rated fan motor.
Other	Castor wheels, MCB, Adjustable Tray Height arrangement. Heavy-duty latch with lock & key
Quality Accreditations	Preferably FDA/CE/BIS approved. Manufacturer should have ISO certification.
Power	230 V AC single phase 50Hz.

### 19-20. BLOOD COLLECTION MONITOR

Features	BCM without Battery Back up	BCM with Battery Back up
Maximum Capacity	900g/947 ml	900g/947 ml
Readability	1 ml/1g	1 ml/1 g
Display	LCD	VFT
Alarm	Audio- Visual	Audio- Visual
Input Voltage	230 V AC	90-270V AC
Battery Back up	NA	6- 8 Hrs
Fault finder	Diagnostic mode	Diagnostic mode
Pre Selection of Volume		
Auto Tare facility		
Single display of volume, weight, time, set value and process value		
Provision to set volume from 1 ml. to 999 ml		
Provision to set volume at 1 ml. increment		
Provision for pausing collection and change programme during blood collection		
Motor activated clamping		
Flow rate alarm		

### 21. TUBE SEALER

SPECIFICATIONS
Dielectric Radio frequency sealing system with solid state technology
Should be compatible with all type of Blood Bag tubing
Should have audio visual alarm for sealing process
Oscillation frequency should be 40.68 MHz
Maximum sealing time should not be more than 1.3 secs
Power Frequency should be 50 Hz
Power consumption should be 50 VA or less
Automatic sealing triggering

## 22. BLOOD BAG WEIGHING SCALE

<b>SPECIFICATIONS</b>
Product should have ABS moulded body.
Should display volume and weight of blood components.
Should have facility for auto calibration.
Should have over load indication
Should have LED/LCD display of Weight and Volume with accuracy of $\pm 1$ ml/grm.

## 23. PLASMA EXTRACTOR (MANUAL)

<b>SPECIFICATIONS</b>
Manual Plasma Expresser should be rust free and robust system.
Should have Acrylic compression plate with spring action designed to exert uniform pressure on blood bag.
Cabinet should be powder coated with provision for holding the bag in position
The unit shall be capable of operating continuously in ambient temperature of 10° - 40° C and relative humidity of 15-90%
Product should be preferably FDA/CE/BIS approved.
Manufacturer should have ISO certification for quality standards.

## 24. PLASMA EXTRACTOR (ELECTRICAL)

<b>SPECIFICATIONS</b>
Should be compatible with all multiple blood bags
Should automatically clamp and seal the blood bag tube
Microprocessor controlled through regulator with mechanism to reduce layer disturbance.
Alarm on completion of plasma separation.
Automatic & manual clamp modes.
Electronic sensor to ensure strong & accurate clamping.
Leak free clamping to ensure plasma separation without red cell contamination.
The unit shall be capable of operating continuously in ambient temperature of 10° - 40° C and relative humidity of 15 - 90 %.
Power input should be 220 - 240V / 50 Hz AC Single phase fitted with appropriate Indian plugs.
Product should be preferably FDA/CE/BIS approved.
Manufacturer should have ISO certification for quality standards.

## 25-27. PLATELET INCUBATOR (125 Ltr / 250 Ltr /500 Ltr)

Construction Material:	(a) Internal: SS-304/Galvanized steel with bacteria-resistant powder coating
	(b) External: SS-304 /Corrosion resistant coating at least 1 mm thickness
	(c) Door should be of transparent material and should have one hand operation with locking facility.
Capacity of Incubator	125 Ltrs/250 Ltrs/500 Ltrs to place 1/2/4 agitator(s) having capacity of 48 bags respectively
Temperature range	22° C

Display	LCD / LED Display for set and actual temperature
Control System	Micro controller based temperature indicator cum controller with Digital Display and PT 100 sensor (+ 0. 5° C accuracy) Auto Rechargeable Battery back-up for temperature display, chart recorder and alarm during power failure.(Even if UPS battery fails Temperature display controller and chart recorder should work on direct supply)
Refrigeration System	Hermetically Sealed CFC Free Compressor with Eco Friendly refrigerant
Temperature chart recorder	Seven days inkless chart recorder with battery backup for continuous operation during power failure.
Air Circulation	Motor and blower arrangement to have uniformity of condition under chamber loaded condition
Insulation	Minimum 3" Thick CFC free PUF insulation.
Lighting	Interior illumination for working area.
Alarm	Adjustable audiovisual high/low alarm facility for temperature deviations from set value.
Observation Door	Inside see through unbreakable acrylic door
Power	Works on 230 V AC single Phase 50 Hz
Observation Door	Inside see though unbreakable acrylic door
Other	Castor Wheels, MCB. Provision for Platelet Agitator, Heavy duty latch with lock & key
Power	Works on 230 V AC single Phase 50 Hz with 2 meter code.

### 28-29. PLATELET AGITATOR, 24 / 48 Platelet Bags.

<b>SPECIFICATIONS</b>
Should be able to store minimum of 24 Bags / 48 Platelet bags.
Gentle side to side motion (1.5" or 38 mm) with 65 +/- 5 strokes per minute.
Removable drawers for storage of any size blood bags.
Sturdy one piece drawers made of SS with holes for complete air circulation across both surfaces of platelet bags.
Heavy duty ball bearing gear motor for noiseless and continuous operation.
Built in audiovisual motion alarm.
Should have pause button.
The unit shall be capable of being stored and operating continuously in ambient temperature of 0 – 50° C and relative humidity of 15-90 %.
Power input to be 220-240 VAC, 50 Hz fitted with Indian plug.
Preferably FDA/CE/BIS approved product.
Manufacturer should have ISO certification for quality standards

### 30. PLASMA THAWING BATH

<b>SPECIFICATIONS</b>
Unit should thaw atleast eight plasma units in less than 20 minutes.
Should have two separate basket assemblies with built-in fingers for securely holding the plasma bags of all sizes.



Should be a water bath based system operating at a preset and precise temperature of 37° C +/- 0.5° C.
Should display Set Value & Process Value
Should give an alarm when the plasma bags are thawed
Provision for programmable time setting for length of thawing with audio completion signal.
Should have digital timer clearly displaying the programmed set time or remaining cycle minutes.
Should have Audio Visual Alarm if temperature deviates from preset temperature.
Should have PUF insulation for temperature stability and energy efficiency.
Should have a deep thawing chamber with a stirrer for water circulation & gentle rocking for uniform heating.
Power input to be 220-240VAC, 50Hz as appropriate fitted with Indian plug
Preferably FDA/CE/BIS approved product.
Manufacturer should have ISO certification for quality standards

### 31. WATER BATH

<b>SPECIFICATIONS</b>
Water bath should be is a tabletop should have minimum bath capacity of 10 / 20 liters
Exterior Galvanized MS with white powder coated body and Interior cabinet made of AISI stainless steel inner structure SS 304.
There should be temperature control of 5 °C C to 65°C or better, with digital display of temperature, reliably thaw
Unit must be fitted with microprocessor based digital temperature Indicator cum controller.
Circulation of water inside the closed chamber to get the uniform temperature, high quality rust and corrosion resistant stainless steel reservoir
The unit must be provided with the compatible non-corrosive lid for internal chamber and the equipment must be leakage proof.
It should work on 115/240 V~ -50/60 Hz, in single phase
Should be ensuring safely of with ±0.2°C stability.
Device is produced by ISO 9001 certified manufacturer
Preferably FDA/CE/BIS approved product.
Should have certificate of National Physical Laboratories (NPL)

### 32. INCUBATOR (PRECISION)

<b>SPECIFICATIONS</b>
Incubator should be stainless steel inner structure.
Exterior Galvanized MS with white powder coated body and Interior cabinet made of AISI stainless steel inner structure SS 304
There should be temperature control of 5 °C C to 65°C or better, with digital display of temperature
Unit must be fitted with microprocessor based digital temperature Indicator cum controller
Digital control digital set and readout.
Should have forced convection uniform temperature control
Should maintain uniforms temperature in the chamber.
Inner tempered glass door with silicon packing
Should have easy sample view without door opening stainless steel chamber.

It should be safety and convenience over temperature and current protection.
Should have safety and adjustable sliding rack
It should work on 200/240 V~ -50/60 Hz,
Device is produced by ISO 9001 certified manufacturer.
Preferably FDA/CE/BIS approved product.
Should have certificate of National Physical Laboratories (NPL)

### 33. REFRIGERATED CENTRIFUGE (8 Bags Slots)

<b>SPECIFICATIONS</b>
For separation of blood components like packed cells, platelet rich plasma, and platelet concentrate, Cryoprecipitate & Buffy Coat. It should have the provision for accommodate 8 blood bags capacity in one slot at a time for soft spin and hard spin
Refrigerated centrifuge with suitable rotor head & buckets should accommodate/process minimum 8 blood bags of 450 ml capacity simultaneously.
It should have programmable memories with tamper proof facility
Microprocessor Controlled rotor speed to within 10 RPM of set value
Rotor head with swing out buckets, wind shielded
Different Acceleration & Deceleration profiles should be available
Should have temperature control system
Temperature range 0 deg C to +40 deg C, Microprocessor controlled rotor temperature within +/- 1degC regardless of centrifuge speed
Alarm audiovisual alarm for temperature deviations & power failure
Manufacturer to indicate volume & capacity of plastic bucket
Programmable time should be from 0-99 minutes with minimum revolution of 1 Min
Digital display of temperature, speed & time & other relevant parameters
The Refrigerated centrifuge should have built in memory to store at least 20 data of centrifugation during the processing of Blood Components. The data from the centrifuge can be transferred to a PC computer using RS-232data interface
Power Supply Requirement: - 220 - 240 Volts 50 Hz single phase
A line voltage corrector of appropriate rating giving all the specifications should be supplied along with the units
Safety Key lock to prevent unauthorized use
The equipment should have lockable castors
Quality certificate ISO for medical devices
Manufacturer should have a CE marked product
WHO-GMP compliant and it should be supplied with recommended voltage servo stabilizer with machine.

### 34-36. BLOOD DONOR COUCH

<b>FEATURES</b>	<b>Single Motor</b>	<b>Double Motor</b>	<b>Triple Motor</b>
Number of Motors	1	2	3
Lifting Capacity	NA	180 kg	180 kg
Full length	205 cms	205 cms	205 cms
Seat length	58 cms	58 cms	58 cms
Seat width	65 cms	65 cms	65 cms

Backrest length	85 cms	85 cms	85 cms
Leg rest length	60 cms	60 cms	60 cms
Arm rest width	19 cms	19 cms	19 cms
Back rest control	Yes	Yes	Yes
Leg rest Control	NA	NA	Yes
Height Control	NA	Yes	Yes
Flat Bed Position	NA	NA	Yes
Arm rest height adjustment	Yes	Yes	Yes
Trendelenburg position	Yes	Yes	Yes
Time to attain Trendelenburg position	18-20 secs	18-20 secs	18-20 secs
Power	220V Single Phase AC	220V Single Phase AC	220V Single Phase AC
Wheels	Mobile, with 2 lockable frontal castor wheels	Mobile, with 2 lockable frontal castor wheels	Mobile, with 2 lockable frontal castor wheels
<b>Accessories:</b>			
Adjustable, Rotatable BCM Holder			
Two stacked Trays			
IV Line holder, Rotatable			
Additional inbuilt power outlets			

### 37. PORTABLE DONOR COUCH

<b>SPECIFICATIONS</b>
Should be portable and easy to use at outdoor locations
Should have a weight bearing capacity of atleast 150 Kgs
Should have full length $\geq$ 205 cms, seat length $\geq$ 58 cms and seat width $\geq$ 65 cms
Should have back rest length $\geq$ 85 cms, leg rest length $\geq$ 60 cms and arm rest width $\geq$ 19 cms
Should be adjustable from arm chair position to recliner position for blood donation
Should have provision for locking in a particular position
Should have atleast 3 trays/drawers for keeping the equipments/consumables etc.
Should meet the National/International standards laid down such as ISO Certified manufacturer.

### 38. DENTAL CHAIR

<b>SPECIFICATIONS</b>
Pantographic Dental chair with electrically operated seat and backrest using imported linear actuators.
Chair up & down movement
Backrest up & down movement
Automatic chair zero position switches on instrument tray
Chair mount unit with instrument tray up & down movement with breaking facility

Brake releasing button on the tray handle	
3 way syringe using straight tubing	
Air motor controls including straight tubing upto coupling	
Micro motor speed control circuit only.	
Single floor switch with changeover facility for air motor or micro motor.	
Large X – ray viewer mounted on instrument tray.	
SS tray which can be detached for autoclaving.	
Rectangle pressure gauge on the tray.	
Dental light with imported reflector using halogen bulb with two intensity	
Ceramic/glass Cuspidor and Tumbler Filler with electrical valves	
Booster tank for water	
Doctor's stool with pneumatic gas spring.	
Optional Accessories	Dental Piezo Scaler Dental Micro Motor Dental Micro Motor Straight hand piece Dental Airtor hand piece (standard) Dental Air Compressor (Oil Free) Dental Micro Motor contra hand piece Dental Drain ½ HP Motor Dental Suction ¼ HP Motor

### 39-41. HOSPITAL BED (Electrical and Manual)

<b>HOSPITAL BED (ELECTRICAL)</b>	
<b>Model A:</b>	Hospital Bed with <b><u>backrest</u></b> movement
	Backrest movement operation by using linear actuator
	Dimension of the bed - 2075 mm X 910 mm
	Side rails made of round tube with minimum OD of 25mm
	Steel Tube thickness - 2 mm
	Bed frame made of CRCA sheet with minimum 18G
	Frame and body of bed with epoxy powder coating
	Sliding provision for side rails
	Dimension of side rails - 1825 mm X 350 mm
	Length of head section - 910 mm
<b>Model B:</b>	Hospital Bed with <b><u>backrest &amp; leg end</u></b> movement
	Backrest and leg movement operation by using linear actuators
	Dimension of the bed - 2075 mm X 910 mm
	Side rails made of round tube with minimum OD of 25mm
	Steel Tube thickness - 2 mm
	Bed frame made of CRCA sheet with minimum 18G
	Frame and body of bed with epoxy powder coating
	Sliding provision for side rails

	Dimension of side rails - 1825 mm X 350 mm
	Length of head section - 910 mm
<b>HOSPITAL BED (MANUAL):</b>	
	Hospital bed with backrest & leg movement using lever rod adjustment
	Dimension of bed - 2075 mm X 910 mm Side rails made of round tube with minimum OD of 25mm
	Steel Tube thickness - 2 mm
	Bed frame made of CRCA sheet with minimum 18G
	Frame and body of bed with epoxy powder coating
	Sliding provision for side rails
	Dimension of side rails - 1825 mm X 350 mm
	Length of head section - 910 mm
	Should meet the National/International standards laid down such as ISO Certified manufacturer.

#### 42. ICU BED

<b>SPECIFICATIONS</b>
Electrically operated intensive care bed using oil free electrical drives
Body made of mild steel tubes (2mm) and CRCA sheet (18G)
Dimension of the bed - 2075 mm X 910 mm
Control circuit for bed movement along with master controls.
Movements: Bed up / down movement, trendelenburg and reverse trendelenburg positions, backrest up/down and leg fowler movement.
Movement operation by easily maneuverable hand held remote controller.
Head & leg section tilting angle - upto 75 degrees.
Trendelenburg & Reverse trendelenburg movement angle - upto 20 degree
Lower limit of bed while downward movement - 410 mm
Upper limit of bed while upward movement - 740 mm
Removable head and leg rail boards
Option for folding side rails
Mobility of bed by four castor wheels (125 mm) with brakes.
Should meet the National/International standards laid down such as ISO Certified manufacturer

#### 43. DELIVERY (LABOUR) TABLE FULL SS

<b>SPECIFICATIONS</b>
Should be full Stainless steel (SS)
Strong tabular square/round frame mounted on PVC stumps
Stainless steel top in three section
Tendleburg position adjustable by pneumatic gas spring system
Back rest section adjustable on ratchet
Leg end section can slide under the main section

A pair of knee crutches with height adjustable
SS, IV stand socket
SS basin and basin holder
Supplied with suitable cushion top
Table legs with rubber padding
Approx. Dimension: 72"L x 27"W x 30"H
Should meet the National standards laid down such as ISO Certified manufacturer.
Loading bearing 250kgs with adjustable Leg end section can slide under the main section
It should be robustness in quality

#### 44-46. SCAN TABLE

SPECIFICATIONS	
Length of the Table	1990 mm (78.5 inches)
Width of the Table	610 mm (24 inches)
Minimum Height of the Table	650 mm (25.5 inches)
Maximum Height of the Table	875 mm (34.5 inches)
Table Top Sliding Length	500 mm (19.7 inches)
Backrest Tilt angle	45°
Vaginal Tilt angle	45°
<b>Abdominal scan Table Function:</b>	
Up and down movement of the table	
<b>Abdominal and Thoracic Scan Table Functions:</b>	
Up and Down movement of the table	
Table top sliding movement	
<b>Abdominal, Thoracic and Vaginal Scan Table Functions:</b>	
Up and down movement of the table	
Table top sliding movement	
Back rest up and down movement	
Vaginal lift up and down movement	
Should meet the National/International standards laid down such as ISO Certified manufacturer.	

#### 47. INTENSIVE CARE INCUBATORS

SPECIFICATIONS
Confirm to IEC - 60601-1 electrical safety standard for Medical equipment.
Servo Controlled Incubator with a rise time of not more than 30 minutes and a temperature stability of +/- 0.2 deg C at steady state.
The Incubator canopy should be largest to accommodate tubing and oxygen hood
Should have elbow operated access ports. Should also have iris ports for ventilator tubing and easy head access.
Should have atleast 4 small ports for IV tube and other probe sensor cables.

Should be able to tilt the baby bed to either side without opening the canopy/doors of the incubator.
The mattress and its internal airflow path should be easily disassembled for cleaning
The internal of the incubator should be moulded, rounded without any crevices for easy cleaning and inhibiting bacterial growth
Should have Audio & Visual display of alarm conditions
Should have a separate LED based bright alphanumeric display to show the Alarm condition of any other system message.
Should have an override facility to increase the temperature more than 37 deg Cel in the Incubator.
Should have an independent thermostat (Safety) to cut off the heater in case of total electronics safety failure
Should use low noise centrifugal blower for circulation of air inside the incubator less than 50 db
Should have micron filter & should be supplied with 100 air filters required for 1 year, for each incubator
Should be provided with height adjustable IV stand
Should be provided with 2 extra patient probe.

#### 48. TRANSPORT INCUBATOR

<b>SPECIFICATIONS</b>	
Working temperature range	: 30 to 37 °C (Patient display mode) : 30 to 37 °C (Air set mode)
Accuracy	: +/- 0.2 °C
Resolution	: 0.1°C
Accuracy of probe Interchangeability	: +/- 0.2°C
Need for probe calibration	: Not required
Temperature Probe	: Thermistor based interchangeable probe
Alarms	: High & Low temperature, System Failure, Heater Failure, Power failure, Battery low, Probe failure. Fan failure.
Voltage	: 90 to 240 V at 50/60 Hz
Power	: 500 Watts maximum
Heating element	: Flat heaters
Temperature display	: Bright numerical LED display
Messages and alarms	: LCD display
Battery backup time	: 2 hours
Should have Temperature rise time	: 45 mins per 10 °C
Should come with collapsible trolley for easy movement of equipment into the ambulance	
Should have inbuilt battery charger and battery should be part of equipment.	
Should have provision to attach 2 light weight oxygen cylinder ( 5 litre Aluminum cylinders) with pin index mechanism	
Should have two Elbow operateable ports.	
Should have front access door	
Should have head access door to pullout the bed to access the head of the baby during	

transportation.
Should have one iris port and 4 tubing ports
3 disposable infant restraint straps
Should have an Indicator for power ON.
Should have an Indicator for heater ON.
Equipment weight should be 30kg (without cylinders)
Maximum Size (L x W x H) cm should be with pole of 87 x 56 x 76 cm & without pole - 87 x 56 x 50 cm
Should have four wheels, at least 2 with brakes.
Should have IV stand
Should have goose neck examination lamp for flexible examination.
<b>Coating</b> : Epoxy/Powder coated body for scratch and rust prevention Should be supplied from a manufacturing company having ISO 9001:2008 and ISO 13485. Should have optional Electrical suction.

#### 49. OPEN CARE WARMER ORDINARY

SPECIFICATIONS	
Heater Element	Quartz Encapsulated 600 watts heater with parabolic Reflector
Heater Output	0 to 100%. 20% increment
Probe	Thermistor based interchangeable probe
Range	25° C to 40° C
Accuracy	+ 0.2° C
Resolution	0.1° C
Power	180V to 250V at 50Hz 700W
Temperature Display	Bright 1" numerical LED display for Infant Temperature
	Bright 0.5" numerical LED display for Set Temperature
Safety	Automatic cutoff of heater at 40° C Key Lock facility
Heater Module Swivel	+ 90°
Mattress Size	800 X 500mm (2" THICK)
Alarms	High Temperature, Low Temperature, Temperature probe failure, System failure, Heater failure
Coating	Epoxy/Powder coated body for scratch and rust Prevention
Should be provided with an instrument tray	
Should have a provision for X-Ray cartridge placement below the mattress of the infant to take X-Ray without disturbing the infant	
The heater unit should swivel away to accommodate the X ray unit above the bed of the infant.	
Should be provided with an IV pole and should have sufficient strength and diameter to carry 2 infusion pumps	
Should have one tray and a utility drawer.	
Should have halogen based examination lamp and should have a provision on either side as an accessory.	



Device is produced by ISO certified manufacturer
Device is safety certified according CE certified or equivalent.

### 50. OPEN CARE WARMER REGULAR

<b>SPECIFICATIONS</b>
Open care warmer system: warmer, with fixed height, trolley, drawers, 2 No's side tray for mounting accessories, 2 IV pole stand with 4 hooks attached.
Mobile newborn resuscitation table with fixed-height radiant warmer
Antistatic castors, 2 with breaks
Table surface with mattress with infant head/shoulder support
Mattress-padding: foam density approx. 21 - 25 kg/m <sup>3</sup>
Mattress cover: removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant
Side boards transparent acryl, drop down and lockable
Under table 2 storage drawers
2 side trays for mounting of accessories like pulse oxymeter etc.
Hood suspended above the table integrates heating element and overhead light
Overhead light: 2 x 50W halogen spot, with dimming function
Heating element: emitter with parabolic reflector and protected
Control unit allows air and skin temperature preset (LED indicator) and drives radiant heater output (servo and manual)
Integrated timer: 1 to 59 min, with count-up and count-down feature.
Temperature range, skin: 34°C to 38°C (user pre-settable)
Monitoring of skin temperature by means of sensor, range: 30°C to 42°C
Accuracy: + 0.2° C
Resolution: 0.1° C
Heater output: 0 to 100% in increments of 5%
Control unit: audiovisual alarms according to timer and temperature presets avoiding overheating
Display reports systems errors, temperature sensor failure.
Power requirement: 220 V/50 Hz
Power consumption: 800 W
Device is produced by ISO certified manufacturer
Device is safety certified according CE certified or equivalent.

### 51. OPEN CARE WARMER SYSTEM SPECIAL TYPE WITH EXTRA FITTING

<b>SPECIFICATIONS</b>
Open care system: Radiant warmer, fixed height, with trolley, drawers, O <sub>2</sub> -provision and 2 Nos of filled O <sub>2</sub> - Cylinders B-type, IV stand infusion double hook two poles attached.
Mobile newborn resuscitation table with fixed-height radiant warmer
Antistatic castors, 2 with breaks
Table surface with mattress with infant head/shoulder support
Mattress-padding: foam density approx. 21 - 25 kg/m <sup>3</sup>
Mattress cover: removable with zipper, waterproof, washable, resistant to cleaning with chlorine

based solution and flame retardant
Side boards transparent acryl, drop down and lockable
Under table 2 storage drawers minimum
Side rails allow for mounting of accessories
Hood suspended above the table integrates heating element and overhead light
Overhead light: 2 x 50W halogen spot, with dimming function
Integrated support for 2 B - Type oxygen cylinders
Control unit has flow meter and displays pressure
Heating element: emitter with parabolic reflector and protected
Control unit allows air and skin temperature preset (LED indicator) and drives radiant heater output (servo and manual)
Integrated timer: 1 to 59 min, with count-up and count-down feature
Temperature range, skin: 34 to 38°C (user pre-settable)
Monitoring of skin temperature by means of sensor, range: 30 to 42 °C
Accuracy: + 0.2° C
Resolution: 0.1° C
Heater output: 0 to 100% in increments of 5%
Control unit: audiovisual alarms according to timer and temperature presets avoiding overheating
Display reports systems errors, sensor failure.
Power requirement: 220 V/50 Hz
Power consumption: 800 W
Device is produced by ISO certified manufacturer
Device is safety certified according CE certified or equivalent.

## 52. RADIANT WARMERS

SPECIFICATIONS	
Quartz based infrared radiant warmer used for clinical management of neonatal hypothermia. The equipment should be operated in servo or manual modes.	
Working temperature range	25.4 to 39° C
Accuracy	+/- 0.2° C
Resolution	0.1° C
Accuracy of probe interchangeability	+/- 0.2° C
Voltage	180 to 250 V at 50 Hz
Power	700 Watts
Heating element	Quartz encapsulated heater with parabolic reflector
Temperature display	Bright numerical LED display 1 inch
Alarms	High temperature, Low Temperature, Temperature probe failure, System Failure, Heater failure, Time out alarm (Manual mode).
Coating	Epoxy/Powder coated body for scratch and rust prevention
Should confirm to IEC-601 safety standard for medical equipment	
Should have microprocessor based electronic system that performs periodical self-diagnosis.	

Should have built in automatic diagnostics software to check the internal working of the equipment periodically	
Halogen based observation light should be provided for observing the baby.	
Should be height adjustable for different types of bed by the technician.	
The unit should be mobile with 3 swivel castors fixed to a sturdy Y - shaped based to be easily fit to any type of bed available.	
Should have an Integral IV pole	
Should have a battery back-up to show baby temperature during power failure.	
Device is produced by ISO certified manufacturer	
Device is safety certified according CE certified or equivalent.	
Optional Accessories	<p><b>Bassinet</b> Height – 100cm Length – 75 cm Width – 51 cm</p> <p><b>Mattress</b> Width – 51 cm Length – 75 cm Height – 4 cm Removable and washable form bed Bed tilting facility (-/+ 8 deg) 4 Swivel castors (2 with brake and 2 without brakes) Utility shelf attached.</p>

### 53. PHOTOTHERAPY UNIT (CFL)

SPECIFICATIONS	
Irradiance	Atleast 20 $\mu\text{W}/\text{cm}^2/\text{nm}$ at 45cm from the lamp at 230V (430 – 480 nm-new lamps)
Lamp Type	Energy saving CFL Lamp (Blue) – 6 Numbers
Height adjustable	A range of 1100 +/- 20 mm to 1560 +/- 20 mm
Tilt Adjustment	maximum of 90 degree on either side
Time totaliser	Mechanical (compact)
Electric supply	190 – 240V, 50Hz, 5A
Power rating	Maximum – 120 W
Weight	Maximum – 18 Kg
Coating	Epoxi / powder coated body for scratch and rust prevention and PU (Poly Uratane) coating for plastic
Should conform to IEC-60601-1 electrical safety standards.	
Should have the lamp unit made with light weight plastic with metallic ventilation cover for efficient heat dissipation.	
Should be supplied with eye mask – 6 Nos with each unit.	
Should have louver under the Lamp unit to prevent stray radiation in caregiver space	
The unit should be mobile with 3 swivel castors. The base of the unit should be T-Shaped and should go beneath an Incubator/bed/trolley with minimum of 8-cm floor clearance.	
Should have the ballasts (chokes) located at the base, to decrease the heat generated at the lamp unit and to increase stability.	
Preferably the system should have international (FDA/CE/IEC) approval	

#### 54. LED PHOTOTHERAPY UNIT DOUBLE SURFACE DETACHABLE TYPE

<b>SPECIFICATIONS</b>
Heavy sturdy mobile stand phototherapy unit
Antistatic castors, with breaks
Single surface / Double surface, detachable LED (Light Emitting Diode), surface size, approx: 0.50 x 0.25 m
Head height adjustable, approx: 1.10 to 1.60 m
LED's should fully protected
Single head, surface size, approx: 36x 58 cm
Head height adjustable, approx: 110 to 160 cm
Irradiance at skin level > 40uW/cm <sup>2</sup> /nm at 30 cm from light unit
Wavelength: 400 to 500 nm, with highest intensity between 450 to 465 nm
Integrated cumulative hour timer for unit usages & resettable therapy time
Power requirement: 230 V/50 Hz
Power consumption: <60 W
Effective Light Foot Print of 500 x 250 mm to 35 mm from the light unit
Time display should be bright clear visible
Irradiance ratio ≥ 0.4 within the effective foot print
LED Guarantee should be for 30000 Hours.
Device is produced by ISO certified manufacturer.
Device is safety certified according CE certified or equivalent.

#### 55. Electronic baby weighing scale, (Digital). 10 kg <5g>

<b>SPECIFICATIONS</b>
Electronic scale for weighing new born babies
Measuring range 0 to approx 10 kg
Minimum graduation: 10gram
with tare function
On switch and auto-off
Auto-calibration with each switch-on
Large LED display readable in low light working situations, display cover durable plastic
Display in kg and lbs, easy switch between kg and lbs
Reading time max 5 seconds
Zero weighing adjustment
Freeze reading feature
Smooth surface/finishing allows for easy cleaning/disinfection.
All vital parts made of rust proof materials
Horizontal leveling with height adjustable feet
Splash proof and shock resistant light-weight body
Power requirements: 115-240 V/50 Hz
Device is produced by ISO 9001 certified manufacturer
Device is safety certified according CE or equivalent.

**56. Infant Bassinet - HNB**

<b>SPECIFICATIONS</b>
<p>It Should be contemporary design, side boards transparent acryl, drop down and lockable</p> <p><b>Bassinet</b> Height – 100cm Length – 75 cm Width – 51 cm</p> <p><b>Mattress</b> Width – 51 cm Length – 75 cm Height – 4 cm Removable and washable form bed, Mattress cover: removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant Bed tilting facility (-/+ 8 deg) 4 Swivel castors (2 with brake and 2 without brakes) Utility shelf attached.</p>

**57. Blood Bag 'O' Ring**

<b>SPECIFICATIONS</b>
<p>It should be contemporary design, suitable for HLL Blood bags.</p>

**58. BT Sets**

<b>SPECIFICATIONS</b>
<p>It should be contemporary design, suitable all models.</p>

**59. IV Sets -Non Vented**

<b>SPECIFICATIONS</b>
<p>It should be contemporary design best demand in the medical market.</p>

## SECTION VI

# QUALIFICATION CRITERIA

(Referred to in Clause 11.2 of ITB)

- (a) The bidder or the manufacturer whose product is offered must have manufactured and supplied similar equipment of the type specified in the Bid Documents at least 75% (rounding off to nearest whole number) of the quantity offered in any one of the last **FIVE** calendar years and should be satisfactorily functioning with no adverse report for at least one year on the date of bid opening.
- (b) The bidder should furnish the information on past supplies and satisfactory performance in the Proforma given under Section - VIII.
- (c) Bidders shall invariably furnish documentary evidence (Client's Certificate) in support of the satisfactory operation of the equipment as specified in above.
- (d) The Bidder shall furnish data to support that he has the financial and production capacity to perform the contract and complete the supplies within the stipulated delivery period.

## SECTION VII

### PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER

(Please attach detailed proforma incorporating the information given below)

BID NO.....

DATE OF OPENING.....

NAME OF THE BIDDER:.....

(Note: All details should relate to the manufacturer for the items offered for supply).

1. Name & Full address of the Manufacturer

(a) PAN No	(b). ECC Code	( c) IEC if applicable
(d) CST No	(e) TIN No	(f) Any other details

2. (a) Telephone No. Office/Factory/Works

(b) Fax No. Office/Factory/Works

(c) e-mail address

3. Location of the manufacturing factory

4. Details of important Plant & Machinery functioning in each dept.

5. Details of the process of manufacturer in the factory

6. Details & stocks of raw materials held

7. Production capacity of item(s) quoted for, with the existing Plant & Machinery

7.1 Normal 7.2 Maximum

8. Details of arrangement for quality control of products such as laboratory, testing equipment etc.

9. Details of staff:

9.1 Details of technical supervisory staff in charge of production & quality control

9.2 Production: Managers/engineers/ officers/supervisors

9.3 QA / Q.C :Managers/engineers/ officers/supervisors

9.4 Skilled labour employed

9.5 Unskilled labour employed

9.6 Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.

10. Whether Goods are tested to any standard specification? If so, copies of specifications & original test certificates should be submitted.

11. Whether bidder is willing to keep minimum stock of the item? If yes, how much can be kept?

12. What is the lead-time for execution of order for mentioned quantity of the item?

## SECTION VIII

### PROFORMA FOR PERFORMANCE STATEMENT

Proforma for Performance Statement (for a period of last 3 years)

Bid No:

Name of the firm:

Order placed by (Full Address of Purchaser)	Order No. and Date	Description Of ordered item	Quantity of ordered item	Value of order	Date of Completion of delivery	Remarks indicating reasons for late delivery, if any	Has the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee )

Signature and Seal of the Bidder.....

.....



## SECTION VIII (b)

**HLL LIFECARE LIMITED**  
**Poojappura**  
**THIRUVANANTHAPURAM-695012**

**HLL/MKTG/SD/2014-15/05 DT. 09-07-2014**

### **INDEMINITY CLAUSE**

If the supplier fails to execute the order within the time prescribed for the delivery of goods ordered or violates or infringes the existing rates as agreed to as mentioned in the supply order, the supplier shall and will indemnify the company against all losses or damages whatsoever to be incurred or sustained including the legal cost or expenses incurred by the company by reason of non-delivery of goods at agreed quantity and rate with in the time specified in the supply order. The company will initiate legal action if the supplier fails to execute the supply order as per the schedule in the supply order for the actual loss suffered. No quantity tolerance will be permitted in this regard unless otherwise prior approval is taken by the company before dispatching any excess quantity supplied which shall be returned back on freight to pay basis at the risk of the supplier. Responsiveness of the Bid shall be at the discretion of HLL.

The supplier shall have no right to change the quantity stipulated in the supply order.

Bid pronounced Non Responsive by HLL shall be summarily rejected.

The decision of HLL will be final and no correspondence of this shall be entertained.

We have read and understood the above conditions and agree to abide by the same.

PLACE:  
DATE:

NAME AND SIGNATURE OF THE APPLICANT  
(WITH OFFICE SEAL)

## SECTION VIII (c)

**HLL LIFECARE LIMITED**  
Poojappura  
THIRUVANANTHAPURAM-695012

**HLL/MKTG/SD/2014-15/05 DT. 09-07-2014**

### DECLARATION

We confirm having read and understood all the specifications, instructions, forms, terms and conditions and other requirements of the above tender (both expressed and implied) in full and that we agree to abide by all without any deviation.

SEAL OF THE APPLICANT

SIGNATURE  
NAME AND ADDRESS OF THE APPLICANT

**PART B**

**SECTION IX**  
**BID FORM**

Date : .....

HLL/MKTG/SD/2014-15/05 DT. 09-07-2014

To:

**ASSOCIATE VICE PRESIDENT (SD&CTD),  
HLL Lifecare Limited,  
HLL Bhavan, Poojappura,  
Thiruvananthapuram -695012 Kerala, India  
Tel: +0471 2354949, 2350959, 2350961, 2356352.  
Website – www.lifecarehll.com**

Dear Sir

Having examined the Bidding Documents including Addenda Nos....., the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver.....(Description of Goods and Services) in conformity with the said Bidding Documents for the sum of..... (Total Bid amount in Words and Figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We agree to abide by price per unit mentioned in price schedule, for the bid validity period specified in the bid document and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until a formal final contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

We confirm that we comply with the eligibility requirements as per ITB Clause 1 of the bidding documents.

Dated this ..... day of ..... 20 .....

\_\_\_\_\_  
(signature)

(in the capacity of) \_\_\_\_\_

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

## SECTION X

### PRICE SCHEDULE (I)

Sl. No.	Item Description	Ex-factory price ( <b>Basic Unit Price</b> exclusive of all levies & charges)	Excise Duty		Sales Tax		Freight & Insurance		Unit Price inclusive of all levies & charges (Column. No. d+f+h+j) in Rs
			%	Amt.	%	Amt.	%	Amt.	
a	b	e	f	g	h	i	j	k	l
1									
2									
3									

NOTE: 1) The columns may be filled as is applicable in each case.  
2) Bidders should bid for the entire quantity asked by the purchaser in the tender document.  
Bidding for part quantity for any equipment will not be considered

Seal and Signature of the bidder

## SECTION XI CMC Price Schedule (I)

S.No.	Item Description	Brand/Model	Manufacturer	Year 1 Price			Year 2 Price			Year 3 Price			Grand Total Price
				Spare s	Other s	Total	Spare s	Other s	Total	Spare s	Other s	Total	
a	b	c	d	e	f	g	h	i	j	k	l	m	n

**Scope of Contract:**

No of Visit (during the contract period)

a) Preventive maintenance visit:.....

b) Break down maintenance visit:..... “CMC” Comprehensive maintenance Contract includes; 1 abors, spare and preventive & break down maintenance.

Note: Bidders should offer AMC for the entire quantity asked by the purchaser in the tender document.

Part AMC for part quantity for any equipment will not be considered.

Seal and Signature of the bidder

## SECTION XII CHECKLIST

Sl. No.	Documents	Page No.	Remarks
1	EMD/ Bid Security in the form of DD drawn in favor of HLL Lifecare Limited, Payable at Thiruvananthapuram		
2	Copy of Receipt of payment against the purchase of tender document/ DD against the purchase of tender document (in case downloaded from website)		
3	Market standing certificate to prove that the bidder manufactures the quoted items for the past three years		
4	Duly attested copy of factory license/ Industrial license		
5	Duly attested copy of sales tax registration certificate		
6	Duly attested copy of document to prove the legal status, place of registration and principal place of business of the undertaking		
7	Duly attested copies of quality certificates for the products and quality system certifications		
8	Copy of Balance sheet for the past two financial years, duly certified by a chartered accountant		
9	Copy of Profit & Loss Account for two years certified by chartered accountant		
10	Duly filled proforma showing details of Equipment and Quality Control employed by the manufacturer as per section VII		
11	Proforma for Performance Statement (for a period of last three years) as per Section VIII		
12	Self attested statement showing financial capability necessary to perform the Contract		
13	Self attested statement showing technical and production capability necessary to perform the Contract as per Section VI		
14	Client's Certificate as per Section VI		
15	Product brochure literature, write up etc.		
16	Item-by-item commentary (compliance statement) on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications		
17	The letter of authorization indicated by written power-of-attorney		
18	Spare parts and after sales service facilities in India		
19	Documentary evidence of constitution of firm such as Memorandum of Articles, Partnership Deed, etc., with details of Name, Address, Tel. No., Fax No., E-mail Address of firm and the Managing Director / Partner / Proprietor		
20	Annual turnover statement for last three years certified by the Auditor		
21	List of items quoted (without prices)		