



Corporate and Registered Office,  
HLL Bhavan, Poojappura,  
Thiruvananthapuram– 695 012  
Kerala, India.  
Phone: 0471 – 2354949  
Website: [www.lifecarehll.com](http://www.lifecarehll.com)

**Invitation for Bids**

**Supply and installation of online UPS systems**

Date	:	2 <sup>nd</sup> September 2014
IFB No.	:	HLL/CHO/IT/UPS/2014/

**The schedule of the bid is given below.**

<b>Last date and time for receipt of bids</b>	<b>: 15.00 Hrs on 12.09.2014</b>
<b>Time and date of opening of Bids</b>	<b>: 15.30 Hrs on 12.09.2014</b>

Dear Sir,

**Sub: Supply and installation of online UPS systems**

HLL Lifecare Limited, Thiruvananthapuram now invites the competitive bids from the eligible bidders to supply and installation of **Online UPSs** for our Corporate Head Office, Thiruvananthapuram and Kakkanadu Factory, Cochin under buyback Scheme. The specifications of the required UPSs are given in **Annexure-1**. The details of the old UPSs are given in **Annexure-2**.

The terms and conditions of the bid are given below.

1. The prices should be quoted as per the format for price schedule enclosed (**Annexure-3**)
2. The prices quoted shall be valid for a period of 90 days from the date of opening of bids.
3. The bids will be evaluated by taking the total amount quoted for all the items in the bid.
4. The total price of the items is calculated as follows;  
Total Price = Actual price of the new UPSs – Price of old UPSs.
5. The bids should contain the complete technical specifications of the equipment supported with illustrative literatures.
6. The items should be delivered within **3 Weeks** from the date of placement of order.
7. Penalty @ 0.5% per week's delay subject to a maximum of 5% is applicable for delayed delivery.
8. The bid will be summarily rejected in case any or all of the following;
  1. The bid with conditional and ambiguous clauses
  2. The bid without buyback offer
9. Successful bidder has to arrange their own transport to shift the old UPSs to their site after the installation of new UPSs.
10. The bidder can inspect the old Laptop Computers during the office working hours of HLL with prior permission from the undersigned.
11. Successful bidder should provide warranty and free service for a minimum period of **three years** from the date of installation of the items supplied. All the defective items should be replaced at free of cost during the warranty period.
12. EARNEST MONEY DEPOSIT (EMD)
  - a) The Bid should be submitted along with an Earnest Money Deposit (EMD) of INR.10,000.00 ( Rupees Ten Thousand Only) in the form of a Demand Draft drawn in favour of "**HLL LIFECARE LIMITED, THIRUVANANTHAPURAM**" of any Nationalized /Scheduled bank payable at Thiruvananthapuram Payment in any other form will not be accepted. Bid submitted without EMD shall be summarily rejected. No interest shall be paid on any of these deposits.
  - b) The EMD of the successful Bidder will be treated as Security Deposit and it will be returned after the successful Supply, installation and configuration of Online UPSs.

- c) The EMD of unsuccessful bidders will be returned as promptly as possible to them within one month of selection of successful bidder.
- d) The EMD will be forfeited if;
- i. The Bidder withdraws the bid during the period of bid validity.
  - or**
  - ii. The Bidder fails to accept the Purchaser's corrections of arithmetic errors in the Bidder's bid (if any),
  - or**
  - (iii). The Successful Bidder fails to accomplish the task.
13. Payment will be released within 30 days from the date of Installation. For claiming the payment, the following documents are to be submitted.
- a. Three copies of Invoice
  - b. Delivery/Installation report duly signed by the concerned person of HLL and representatives of the supplier.
  - c. Onsite Test Certificate at full load duly signed by the concerned person of HLL and representatives of the manufacturer and the supplier.
  - d. Warranty Certificate
14. The bidder should have service support Center at Thiruvananthapuram and Ernakulam. The details of the same may be furnished along with the bid.
15. The bids should be submitted at the following address.

**Associate Vice President (IT),  
HLL Lifecare Limited,  
Corporate and Registered Office,  
HLL Bhavan, Poojappura,  
Thiruvananthapuram – 695 012.**

16. Bids should be submitted latest by **15:00 Hrs on 12.09.2014** and the same **will be opened at 15:30 Hrs on the same day** at the above mentioned address in the presence of the representative of the bidder who choose to attend.
17. If the bid opening day is declared as holiday for HLL, the bid will be opened at the next working day of HLL.
18. Any bid received after the deadline will be rejected.
19. HLL reserves the right to accept or reject any or all of the bids without assigning any reason whatsoever.
20. Any dispute arising out of the tender/bid document/ evaluation of bids/issue of purchase order shall be subject to the jurisdiction of the competent court at Thiruvananthapuram only.
21. The envelopes containing the bid shall be bearing the words "DO NOT OPEN BEFORE ..... " (Here insert the time and date of bid opening).
22. No email or fax bids will be accepted

Thanking you,

Yours faithfully,

**P.Sivakumar  
Senior Manager (Hardware)**

## Annexure-1

### 20 KVA Double Conversion Online UPS without Batteries – 2 Nos.

Parameter	Rating	Location
<b>Input</b>		<b>CHO :2</b>
Phase	Three Phase with ground	
Voltage Range	330 – 470 V	
Frequency Range	46 – 54Hz	
Power Factor	≥ 0.9	
THDi	≤ 5 % with full Load	
Isolation Transformer	Built in at the output	
<b>Bypass</b>		
Auto	Yes	
Manual	Yes	
<b>Output</b>		
Voltage	230V+1%	
Phase	Single	
Frequency	50Hz ± 0.5Hz	
Output Waveform	Pure Sine Wave	
Crest Factor	3:1	
Power Factor	≥ 0.8	
Harmonic Distortion	Linear Load : ≤2% Nonlinear Load: ≤5%	
<b>DC Voltage</b>		
DC Voltage	384 VDC	
<b>Transfer Time</b>		
Power failure or recovery	0 msec	
Inverter to bypass	0 msec	
Bypass to Inverter	0 msec	
<b>General</b>		
Operating Temperature	0 to 45°C	
Humidity	0-90% (non-condensing)	
Design	IGBT based	
Noise level	< 60 db @ 1meter	
Display	LCD Display	
Indications	<b>Input</b> : Voltage, Frequency <b>Battery</b> : Voltage, DC Bus voltage, Internal Temperature <b>Output</b> : Voltage, Frequency, Current, Power and Load Level	
Audible Alarm	Main Failure alarm / Low Battery Alarm / UPS Warning/ Overload / Fault / Bypass mode.	

**20 KVA Double Conversion Online UPS with Batteries – 1 No.**

Parameter	Rating	Location
<b>Input</b>		<b>KFC :1</b>
Phase	Three Phase	
Voltage Range	330 – 470 V	
Frequency Range	46 – 54Hz	
Power Factor	≥ 0.9	
THDi	≤ 5 % with full Load	
Isolation Transformer	Built in at the output	
<b>Bypass</b>		
Auto	Yes	
Manual	Yes	
<b>Output</b>		
Voltage	230V+1%	
Phase	Single	
Frequency	50Hz±0.5Hz	
Output Waveform	Pure Sine Wave	
Crest Factor	3:1	
Power Factor	≥ 0.8	
Harmonic Distortion	Linear Load : ≤2% Nonlinear Load: ≤5%	
<b>Batteries</b>		
Battery Type	42 Ah SMF	
Make	Exide / Panasonic / Quanta	
DC Voltage	384 VDC	
Quantity	32 Nos	
<b>Transfer Time</b>		
Power failure or recovery	0 msec	
Inverter to bypass	0 msec	
Bypass to Inverter	0 msec	
<b>General</b>		
Operating Temperature	0 to 45°C	
Humidity	0-90% (non-condensing)	
Design	IGBT based	
Noise level	< 60 db @ 1meter	
Display	LCD Display	
Indications	<b>Input</b> : Voltage, Frequency <b>Battery</b> : Voltage, DC Bus voltage, Internal Temperature <b>Output</b> : Voltage, Frequency, Current, Power and Load Level	
Audible Alarm	Main Failure alarm / Low Battery Alarm / UPS Warning/ Overload / Fault / Bypass mode.	

**15 KVA Double Conversion Online UPS with Batteries– 2 Nos.**

Parameter	Rating	Location
<b>Input</b>		<b>CHO : 2</b>
Phase	Three Phase	
Voltage Range	330 – 470 V	
Frequency Range	46 – 54Hz	
Power Factor	≥ 0.9	
THDi	≤ 5 % with full Load	
Isolation Transformer	Yes	
<b>Bypass</b>		
Voltage Range	Yes	
Frequency Range	Yes	
<b>Output</b>		
Voltage	230V+1%	
Phase	Single	
Frequency	50Hz±0.5Hz	
Output Waveform	Pure Sine Wave	
Crest Factor	3:1	
Power Factor	0.8	
Harmonic Distortion	Linear Load : ≤2% Nonlinear Load : ≤5%	
<b>Battery</b>		
Battery Type	42 Ah SMF	
Make	Exide / Panasonic / Quanta	
DC Voltage	384 VDC	
Quantity	32 Nos	
<b>Transfer Time</b>		
Power failure or recovery	0 msec	
Inverter to bypass	0 msec	
Bypass to Inverter	0 msec	
<b>General</b>		
Operating Temperature	0 to 45°C	
Humidity	0-90% (non-condensing)	
Design	IGBT based	
Noise level	< 60 db @ 1meter	
Display	LCD Display	
Indications	<b>Input</b> : Voltage, Frequency <b>Battery</b> : Voltage, DC Bus voltage, Internal Temperature <b>Output</b> : Voltage, Frequency, Current, Power and Load Level	
Audible Alarm	Main Failure alarm / Low Battery Alarm / UPS Warning/ Overload / Fault / Bypass mode.	

## **Annexure-2**

<b>Sl.No</b>	<b>Make</b>	<b>Rating</b>	<b>Batteries</b>	<b>Status</b>	<b>Location</b>
1	IGATECH	15 KVA	Nil	Working	CHO
2	IGATECH	15 KVA	Nil	Working	
3	IGATECH	15 KVA	Nil	Working	
4	Numeric	10 KVA	36 Nos of 75 AH Batteries	Working	
5	Numeric	10 KVA	36 Nos of 75 AH Batteries	Working	
6	Aplab	2 KVA	Nil	Working	

**CHO: HLL Lifecare Ltd,**  
HLL Bhavan, Poojappura,  
Thiruvananthapuram -695012  
Ph: 0471-2354949

**KFC: HLL Lifecare Limited**  
Plot: 16/A/1,  
Cochin Special Economic Zone (CSEZ),  
Kakkanadu, Kochi – 682 037  
Phone: 0484-2413332, 2413293

**Annexure-3**

SI.NO	Description of item / work	Unit	Qty	Basic Price (Rs)	Taxes/ Duties (Rs)	Other incidental costs if any (Rs)	Total Price for each unit (Rs)	Amount (Rs)
1	2	3	4	5	6	7	8= 5+6+7	9= 4 * 8

Total Price (in Figure) : Rs.....

Total Price (in words) : Rs. ....