



(A Government of India Enterprise)

Plot No.1 & 2, Rubber Park,
Irapuram, Valayanchirangara.P.O
Ernakulam
Kerala – 683 556
Phone: 0484 –2597200
Website:www.lifecarehll.com

Invitation for Bids

Supply, Installation, Testing and Commissioning of Public Addressing System

Date	:	27.06.2016
IFB No.	:	HLL/IFC/IT/PAS/2016

The schedule of the bid is given below.

Last date and time for submission of Bids	: 15.00 Hrs on 07.07.2016
Time and date of opening of Bids	: 15.30 Hrs on 07.07.2016

EMD

Rs. 5,000 (Rs.Five Thousand only) by the way Demand Draft (DD) from a Nationalized/Scheduled bank in favor of HLL Lifecare Ltd payable at Ernakulam

Sub: Supply, Installation, Testing and Commissioning of Public Addressing System at HLL Lifecare Ltd, Irapuram, Cochin

HLL Lifecare Limited (HLL), Irapuram Factory invites sealed competitive bids from eligible and interested bidders for the Supply, Installation Testing and Commissioning of Public Addressing system with all accessories at our Irapuram Factory, Cochin.

The Technical Specifications with schedule of requirements are given in **Annexure-1**.

Terms and conditions

1. The prospective bidder should have minimum two years of experience in supply, installation, commissioning and maintenance of Public Addressing system. The copies of purchase order /satisfactory performance certificates/Installation certifications for the similar works may be attached along with bids.
2. The exact brand/model of all the quoted items should be mentioned with complete technical specifications supported with illustrative literatures/catalogues/brochures. The OEM brand of quoted products (Amplifiers and speakers) should be existence for the past five (5) years (minimum) and should be available in the market.
3. The bidder should enclose a DD (Demand Draft) of Rs.5,000 (Rs.Five Thousand only) as EMD from a Nationalized/Scheduled bank in favor of HLL LIFECARE LTD payable at Ernakulum. **Bids without EMD would be summarily rejected.**
4. The EMD amount would be returned to all the unsuccessful bidders within 15 days of the bid opening by the way of Electronic Transfer (or) Cheque.The bid amount of the successful bidder would be released after the successful installation and commissioning of the ordered items.
5. The bidder should have service support center / authorized service partner at Kerala (preferably at Ernakulam) and such details may be mentioned in the bid.
6. The prices should be quoted as per the format enclosed as **Annexure - 1**.The prices should be clearly mentioned with taxes (Sales TAX or VAT/Service Tax/Excise Duty/Customs Duty/Educational Cess) wherever applicable

7. In the price schedule, if there is any discrepancy between the unit price and total price, the unit price shall prevail and the total price shall be corrected by the purchaser accordingly.
8. The prices quoted should be valid for a period of 90 days from the date of opening of bids.
9. The bidder shall quote for all the items and the bid will be evaluated by taking the total amount of all the items quoted together.
10. The purchase order will be placed on the first lowest technically responsive bidder.
11. HLL will have the right to increase or decrease of the quantity of goods and services specified in the schedule of requirements without any change in the unit price or other terms and conditions.
12. The items should be delivered and commissioned at the respective location within **1 month** from the date of placement of order.
13. Penalty at 0.5 % per week's delay subject to a maximum of 5 % is applicable for delayed delivery and commissioning.
14. The onsite warranty should be for the period of minimum **1(One) Year** for all the devices from the date of commissioning. During the warranty period, all the defective items should be replaced at free of cost.
15. Bids should be clear in all respects and those with ambiguous clauses shall be summarily rejected.
16. Documentation with regard to the user manual, connection diagrams, standard operating procedure, and etc. should be prepared and submitted to HLL upon completion of the works.
17. Training should be imparted to the HLL personnel about the standard operating procedure of the items at free of cost.
18. Site visit is also permitted to the bidders on prior permission from the undersigned during working hours of HLL.
19. Payment schedule is as given below
 - (i) Payment of 90% of the total price of the goods shall be paid within 30 days upon delivery, installation, commissioning and acceptance.
 - (ii) Payment of 10% of the total price of the goods shall be paid against a Performance Bank Guarantee from a Nationalized Bank equal to 10% of the contract value valid for the guarantee period of one year from the date of installation & Commissioning.
20. Bidder shall provide TIN Number/ Service Tax Registration No./ PAN No.
Statutory deductions like income tax, work contract tax, VAT, ESI, PF etc will be deducted from the bill as per the rules of the company.

21. Necessary user manuals/CDs/DVDs are to be supplied along with the equipment.
22. The measurements cables are given in the schedule of requirement are approximate only. However the charges for both material and related labour works shall be paid on actual measurement basis only.
23. Bids should be submitted latest by before **15:00 Hrs on 07.07.2016** and the same **will be opened at 15:30 Hrs** on the same day with the presence of representatives of the bidder who choose to attend. If the bid opening day is declared as holiday, the bid will be opened at the next working day of HLL.

24. The bids should be submitted to the following address.

The Unit Chief
Plot No.1 & 2, Rubber Park,
Irapuram, Valayanchirangara.P.O
Ernakulam
Kerala – 683 556
Phone: 0484 –2597200

25. Any bid received after the deadline for submission of bids will be rejected.
26. HLL reserves the right to accept or reject any or all of the bids without assigning any reason whatsoever.
27. The envelopes containing the bid shall bear the words “DO NOT OPEN BEFORE” (Here insert the time and date of bid opening).
28. No Email or fax bids will be accepted.
29. 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.

**Unit Chief
HLL Lifecare Ltd
Irapuram, Cochin**

Annexure 1

BILL OF MATERIALS

Item Supply

In Rupees

Sl. No	Item Description	Model	Qty (A)	Unit Rate (B)	Tax (C)	Total Amount [Qty x (Unit Rate + Tax)]
	For General Announcements & Music					
1	Supply of 250 WATTS amplifier. (Shall have 6 Mic & 2 Aux Inputs. Built-in MP3 player with remote control for USB, SD/MMC card reader and it shall be used for music play) Pref.Brand: Bosch/Ahuja/Equivalent		1 No			
2	Supply of 10 Watts Ceiling Speaker Pref.Brand: Bosch/Ahuja/Equivalent		10 Nos			
3	Supply of 8 Watts Ceiling Speaker Pref.Brand: Bosch/Ahuja/Equivalent		6 Nos			
4	HIGH POWER PA AMPLIFIERS 500 WATTS AC & 36V DC Operation <ul style="list-style-type: none">• 7 Mic & 2 Aux Inputs.• Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.• Line Input for connecting the output from any external mixer .• Resettable circuit breaker for protection against overload and short circuit.• Instant transfer to DC power (Car Battery) if AC power fails.• Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.		1 No			

5	<p>Paging Microphones</p> <ul style="list-style-type: none"> High quality, heavy duty paging microphone. Ideal for use in paging applications and for open conferencing. Strong, robust and stable base incorporates separate push switches for momentary and locked use. The microphone can be used free standing or wall mounted. A strong flexible 10" gooseneck is securely fixed to the aluminium die-cast base. Operates on pencil cells. LED indication .Facility to set desired chime sound level. Minimum 6mtrs. twin core shielded low noise cable to be included. 		1 No			
6	<p>TALK BACK FACILITY</p> <p>High quality, heavy duty paging microphone available with or without chime function. Ideal for use in Paging applications and for open conferencing. Strong, robust and stable base incorporates separate push switches for momentary and locked use. The microphone can be used free standing or wall mounted. A strong flexible 10" gooseneck is securely fixed to the aluminum die-cast base.</p>		2 Nos			
7	<p>Supply of 25 Watts Horn Speaker</p> <p>Pref.Brand: Bosch/Ahuja/Equivalent</p>		12 Nos			
8	<p>Supply of 8 Watts wall speaker</p> <p>Pref.Brand: Bosch/Ahuja/Equivalent</p>		8 Nos			
For the conference room audio system						
9	<p>PA AMPLIFIER WITH BUILT-IN PLAYER</p> <p>160 watts AC & 24V DC Operation</p> <ul style="list-style-type: none"> 5 Mic & 2 Aux Inputs. Built-in MP3 player with remote control for USB, SD/MMC card reader. Preamplifier and Line Output for 		1 No			

	<p>connecting to a Booster Amplifier and for recording the programme.</p> <ul style="list-style-type: none"> • Line Input for connecting the output from any external mixer. • Resettable circuit breaker for protection against overload and short circuit. • Instant transfer to DC power (Car Battery) if AC power fails. • Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units. • LED array for output level monitoring. <p>Free Standing Cabinet Supply of suitable plywood or metal frame cabinet with glass door, floor standing type with sufficient trays for keeping the PA Amplifier with built in player (160 watts) and Mixer.</p>					
10	<p>Mixer</p> <ul style="list-style-type: none"> • 6 Mic/Line + 2 Stereo Line Inputs • 3 Band EQ (with mid sweep) on Mono Inputs, 2 Band on Stereo Inputs. • High-pass filter on each channel. • Mix, Group & PFL Routing per channel. • 2 Sub Groups with Individual Output. • Insert (Send/Return) on master. • Stereo RCA Play back In & Record Out. • Balanced XLR outputs. • 1 Aux Send. • L/R Pan control & Peak LED per channel • Delay EFX with send/return. • Globally switched +48V phantom power. • 10 Segments L/R LED meter for master level. • Headphones & Monitor outputs with level control. 		1 No			

11	WALL SPEAKER SPEC Speaker Type Wall Mount Speaker Units 6 Woofer & 1" Tweeter Rated Power 60W Frequency Response 80Hz-20KHz Input Voltage (Max) 100V Sensitivity 91 ±3dB (1W, 1M) Cabinet Material ABS Dimensions (W x D x H) Aprx. 213 x 208 x 310 mm Net Weight Less than 5 Kg Colour Black		2 Nos			
12	MICRO PHONE (Goose neck) Capsule Type Back Electret condenser Frequency Response 20Hz-20KHz Polar Pattern Cardioid Sensitivity -40dB Impedance 280 Ω Connector XLR Power Requirement 11-52V DC Phantom Power		2 Nos			
13	MICROPHONE (CORDLESS) High quality Dual UHF Wireless microphone system with 8 selectable channels designed for superior vocals & speech reproduction. <ul style="list-style-type: none"> • UHF Band frequency by PLL - Synthesis Technology • 8 Selectable UHF Channels • Two Microphones can be used at the same time • Double noise squelching circuit to ensure excellent sound quality • LED for Channel information Display • Highly efficient & Low Energy consumption design 		1 Nos			

	For The portico meetings (Portable setup)					
14	<p>PORTABLE PA AMPLIFIER SYSTEM</p> <p>250 WATTS AC Operation</p> <p>Built-in Power Amplifier with multiple inputs for use in a wide variety of PA and Musical Programmes. It shall be an ideal equipment for small as well as medium gatherings of around 300 people. Applications include Music and Vocal Performances, Conferences and Lectures, Presentations, Religious Discourses and Gatherings, Stage Monitors, Touring PA, Mini-Theaters, Pubs and Bars etc.</p> <ul style="list-style-type: none"> • 3 Microphone Inputs with MIC1 Priority. • Inputs for CD & Aux sources, Line Input. • Line out to link another XPA-3000DP, or for recording on a computer. • 2-Way Speaker System 15" Full Range Speaker (Ø2.5" edge wound voice coil) + Dynamic Horn (Ø1.35" voice coil). • Built-in MP3 player with remote control and with SD/MMC card reader & Bluetooth Facility. • Moulded Cabinet PA Speaker System. 		1 No			
15	<p>Microphone Speech & Vocal</p> <ul style="list-style-type: none"> • Upper mid-range presence peak for intelligible sound and ideal for close-to-lip singing. Accentuates warmth and clarity. • Supplied with quick detachable holder with 3-pin professional 		1 No			
16	<p>Speaker Stand</p> <p>Aluminium speaker stand for quick and easy operation and portability .With rigid clamping system.</p>		1 No			

17	Microphone Stand Microphone stand employ sturdy mechanism ensuring trouble free movement and positioning of microphone.		1 No			
18	Supply of 1.5 sq.mm 2 core speaker cable Pref.brands : Finolex/Equivalent		600 Mtr			
19	Supply of 2 core Sheilded Microphone Cable Pref.brands : Finolex/Equivalent		100 Mtr			
20	Supply of 12U Wall Mountable Rack with all accessories (Powerstrip ,Fan etc) Preferred Brands – Netrack / WALL rack / Equivalent		1 No			
For use in the shop floor guest visits						
21	Carrying Portable Mic & amplifier system with low weight <ul style="list-style-type: none"> • Elegant and compact ultra-portable PA amplifier with max. Output power of 12W. • Special circuitry provides low distortion even at high output power. Built-in high capacity rechargeable lithium-ion battery. Low battery LED indicator. • 3.5mm Mic input socket for connecting the headband microphone and 3.5mm Line input socket for connecting a DVD, CD or an MP3 player. • Convenience of use. The unit can be used while hanging on the shoulder or by putting around the waist. • Ideal for: Tour Guides 		3 Nos			
			TOTAL			

Labour Charges

In Rupees

Sl.No	Item Description	Qty (A)	Unit Rate (B)	Amount (C)= (A)+(B)	Tax	Total Amount (Tax x Amount)
1	Cabling charges (Includes suitable PVC conduits / Case capping in all required places)	700 Meter				
2	Installation and commissioning charges for the entire Public Addressing System(Includes all the devices except cabling)					
Total						

*. Rates of conduits (PVC pipes, Case capping) to be included in the laying charges. No need to put separate rates for that.

** Actual Price of the cabling would be calculated as per the actual measurement at the time of installation only.

Grand Total = Total (ITEMS) + Total (LABOUR)