



(A Government of India Enterprise)

Corporate and Registered Office,
HLL Bhavan, Poojappura,
Thiruvananthapuram– 695 012
Kerala, India.

Phone: 0471 – 2354949

Website: www.lifecarehl.com

CIN: U25193KL1966GOI002621

Invitation for Bids

Supply and Installation of Videoconferencing System with TV display

Date	:	10.07.2015
IFB No.	:	HLL/IT/IFC/VC/2015

The schedule of the bid is given below.

Last date and time for submission of Bids : 15.00 Hrs on 20.07.2015

Time and date of opening of Technical Bids: 15.30 Hrs on 20.07.2015

Dear Sir

Sub: Supply and Installation of Video Conferencing System with TV Display

HLL Lifecare Limited (HLL), Thiruvananthapuram invites sealed competitive bids under two bidding (Technical and Commercial) system from eligible and interested suppliers for the supply and installation of video conferencing (VC) system (IP based) with TV display at our Irapuram Factory, Kochi (HLL-IFC)

Requirement and Scope of work:

1. The successful bidder has to supply and install the VC equipment at the respective location for the purpose of video conferencing within HLL offices through WAN.
2. The VC system should facilitate conducting VC with outside offices other than HLL using internet (Static/public IP based) and should also enable participation of non-end point based location. The VC system should support VC with presentation.

The detailed Schedule of Requirements with Technical specifications are given in **Annexure - I**

Terms and conditions

1. The prospective bidder should have a minimum three (3) years experience in supply, installation, configuration and maintenance of video conferencing equipment. For this, the bidder can submit the documentary evidence of the following along with the technical bid.
 - The copies of Supply / work orders for the similar kind of items or
 - Certificate from at least two clients for the similar works done for the past three years.
2. The bidder should submit the Manufacturer Authorisation Form (MAF) /OEM authorization letter addressed to HLL Life care Limited for the product quoted (VC equipment only) along with the technical bid.

3. The Bidder / OEM of the quoted product should have support centres/ authorized Service centres / authorized service Partners at Kochi/ Ernakulam. The details may please be attached with the technical bid.
4. The bidder should have not been blacklisted by any state/central Government organizations/firms/institutions for which the self-certificate stating that the bidder has not been blacklisted by any institution of the Central / State Government in past three years may please be submitted with technical bid.
5. **The technical bid** should contain the complete technical specifications of the equipment supported with illustrative literatures/catalogues/brochures for all the items quoted with compliance statement and other relevant documents mentioned in the bid.
6. The exact make/brand and model of all the quoted products should be clearly mentioned in the bid.
7. **Price Bid:** The prices for all the products should be quoted as per the format for price schedule enclosed (**Annexure – II**) and submitted in separate sealed cover.
8. 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.
9. Rates quoted being door delivery basis, the supplier shall be fully responsible till full material is received in good condition at consignee's site. As such the Supplier shall despatch the material duly insured.
10. The prices quoted shall be valid for a period of 90 days from the date of opening of bids.
11. Bids should be clear in all respects and those with ambiguous / conditional clauses shall be summarily rejected.
12. No bidder shall try to influence the Purchaser on any matter relating to its bid, from the time of the bid opening till the time the Purchase order is placed.
13. **The Price Bid** of those bidders who qualify in the Technical Bid only will be opened and the date and time of opening will be intimated separately to the qualified bidders. The price bids of unqualified bidders will be returned unopened to the bidders.
14. All breakdown calls should be attended within 2 - 4 hours of intimation during warranty period.
15. Training should be provided at free of cost to the concerned person(s) at the respective location for the operation of these items.
16. The bid shall be evaluated by taking the total amount quoted for all the items.
17. The purchase order shall be placed on the first lowest responsive bidder.
18. The VC unit and TV display should have minimum of **one year** onsite warranty from the date of installation. During this period, repair/replacement of all the defective items/parts shall be offered by the supplier at free of cost.
19. The items should be delivered and installed at the respective location within **4 weeks** from the date of placement of order.
20. Penalty @ 0.50 % per week's delay subject to a maximum of 5 % is applicable for delayed delivery.
21. Necessary accessories, user manuals /CDs /DVDs for all the items are to be supplied along with the equipment.

22. HLL will have the right to increase or decrease up to 20% 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.
23. **PAYMENT TERMS:**
Payments will be made in Indian Rupees only in the form of electronic fund transfer or by cheque payment. Payment of 95% of the total price of goods shall be made on receipt of goods by the purchaser and upon successful completion of installation. For claiming this payment the following documents are to be submitted to the paying authority.
- (i) Invoice (Three copies)
 - (ii) Delivery Challan
 - (iii) Installation certificate signed by both the user and the supplier's representative.
 - (iv) Warranty Certificate
- Payment of 5% of the total price of the goods shall be paid within 3 months from the date of installation against a Performance Bank Guarantee from a Nationalized /Scheduled Bank for the 5% of the total value valid till the warranty period.
24. The bids should be submitted at the following address.
- Associate Vice President (IT)**
HLL Lifecare Limited
Corporate and Regd. Office,
HLL Bhavan, Poojappura,
Thiruvananthapuram – 695 012,
Phone: 0471- 2354949.
25. Bids should be submitted on or before **15:00 Hrs on 20.07.2015** and the technical bid will be opened **at 15.30 Hrs on the same day** at Corporate and Registered Office, HLL Bhavan, Poojappura, Thiruvananthapuram in the presence of the representative of the bidder who chooses to attend. If the bid opening day is declared as holiday for HLL, the bid will be opened at the next working day of HLL.
26. Any bid received after the deadline will be rejected.
27. HLL reserves the right to cancel or reject the bidding fully or partially without assigning any reasons and its decisions on this will be final and binding on all bidders.
28. The envelopes containing the bid shall bear the words “DO NOT OPEN BEFORE” (Here insert the time and date of bid opening).
29. No Email or fax bids will be accepted.
30. 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.

Thanking you,

Yours faithfully,

P. Sivakumar
Sr. Manager (Hardware)

Minimum Technical Specifications

1. Video Conferencing Unit – Multipoint

Sl. No	Description	Technical Specification
Video Conferencing unit with Camera, Codec and Microphone Array -1 Set		
1.	Video Standards and protocols	H.261, H.263, H.264 AVC, H.264 SVC, RTV H.263 & H.264 video error concealment
2.	Video Input	1 x HD Camera (HDCI) 1 x HDMI 1.3 1x VGA
3.	Video Out	At least 2 x HDMI 1.3.
4.	VC Video Resolution	1080p, 30 fps from 1024 Kbps 720p, 30 fps from 512 Kbps 4SIF/4CIF, 30 fps from 128 Kbps SIF (352 x 240), CIF (352 x 288) from 64 kbps
5.	Presentation Video Resolution	Input: HD (1920 x 1080i), HD (1920 x 1080p) WXGA (1280 x 768) HD (1280 x720p), XGA (1024 x 768) Output: HD (1920 x 1080) HD (1280 x 720) VGA (640 x 480) Frame rate - 5–60 fps (up to 1080p resolution at 60 fps) Content Sharing – VC+Presentation
6.	HD Camera specifications	HD Camera -1080p12x CMOS 12 x zoom 1920 x 1080 p resolution, 60 fps

7.	Audio Input ports	1 x 360 Degree Microphone array (supporting a total of 2 microphones) 1 x HDMI 1 x 3.5 mm stereo line-in
8.	Audio Output ports	1 x HDMI 1 x 3.5 mm stereo line-out
9.	Other Interfaces	2 x USB 2.0 1 x RS-232 mini-DIN 8-pin
10.	Audio Standards and protocols	22 kHz bandwidth AAC-LD (TIP calls) 14 kHz bandwidth G.722.1 Annex C 7 kHz bandwidth with G.722, G.722.1 3.4 kHz bandwidth with G.711, G.728, G.729A
11.	Constant Clarity provision	Automatic gain control Automatic noise suppression Keyboard noise reduction Live music mode Instant adaptation echo cancellation Audio error concealment
12.	Other Supported Standards	H224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460 TIP
13.	Dual Stream	H.239 (H.323) dual stream BFCP (SIP) dual stream Support resolutions up to 1080p (1920 x 1080)
14.	Protocols	H.323, SIP
15.	Network parameters	IPv4 and IPv6 support 1 x 10/100/1G Ethernet H.323 and/or SIP up to 6 Mbps

		RS232 with API support
16.	IP Network Features	<p>DNS lookup for service configuration.</p> <p>Differentiated services (quality of service [QoS])</p> <p>IP-adaptive bandwidth management (including flow control)</p> <p>Auto gatekeeper discovery</p> <p>Network Time Protocol (NTP)</p> <p>Packet loss-based down speeding</p> <p>Uniform resource identifier (URI) dialling</p> <p>TCP/IP</p> <p>DHCP</p> <p>802.1x network authentication</p> <p>802.1Q Virtual LAN</p>
17.	Security	<p>Media Encryption (H.323, SIP): AES-128, AES-256</p> <p>SSL 3.0, TLS 1.0, 1.1, 1.2</p>
18.	Software Options	<p>TIP interoperability</p> <p>1080p license, providing up to 1080p60 for VC and presentation</p> <p>Multipoint license for up to 1+3 sites</p>
19.	Others	Remote Control and necessary cables.

2. Full HD LED Smart Television

Sl.No	Description	Technical Specification
1	Technology	LED
2	Size (Diagonal)	54.0" or higher
3	Resolution	Full HD 1920 X 1080
4	Display Type	Flat
5	Video	Natural Color –Yes Aspect Ratio - 16:9, Full Wide, 4:3
6	Sound Technology	Dolby Digital Plus –Yes Surround Sound - Virtual Surround Plus Audio Output – 20 w (10 Watts x 2)
7	Speaker System	2 channel (In built)
8	Sound Output	10 Watts x 2
9	Head phone out	Yes
10	Digital Audio Out	Yes
11	Smart Options	Wi-Fi Direct (In Built) – Yes Voice Recognition –Yes Smart Sound Mode - Yes Smart Phone Remote Controller (Remote App) – Yes Full Web Browser – Yes Network File Browser -Yes
12	Connectivity	AVI, LAN (In Built) , HDMI – 2 Nos , USB – 2 Nos
13	USB Movie Play back	Yes
14	USB Support formats	JPEG, MP3, MP4,DivX HD
15	Multi Windows Support	Yes
16	Support kit to fix on Wall & Table.	Yes
17	Remote Controller and sufficient cables.	Yes

Address of location

HLL Lifecare Limited
Plot No.1,Rubber Park,
Irapuram, Kunnathunada,
Ernakulam– 683541
0484-2597200

Price Schedule							Annexure – II			
SI.NO	Description of item / work	Unit	Quantity	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.