



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 Unified Threat Management (UTM) Boxes**

Date	:	<b>06.03.2015</b>
IFB No.	:	<b>HLL/CHO/IT/UTM /2015/</b>

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

<b>Last date and time for receipt of bids</b>	<b>:</b>	<b>15:00 Hrs on 16.03.2015</b>
<b>Time and date of opening of Bids</b>	<b>:</b>	<b>15:30 Hrs on 16.03.2015</b>

Dear Sir,

**Sub: Supply and Installation of Unified Threat Management (UTM) Boxes**

HLL Lifecare Limited, Thiruvananthapuram invites the competitive bids from the eligible bidders for the supply and installation of **2 Nos of Unified Threat Management (UTM) Boxes** at our Factory at Kakkanadu, Kochi and Central Marketing Office at Chennai under buyback scheme. The details are given in **Annexure-I**.

The terms and conditions of the bid are given below.

1. The respective bidder should have a minimum of 2 years experience in the supply and installation of UTMs, for which the documentary proof like copies of purchase orders/client certificates can be submitted along with the bid.
2. The OEM should have service support centres in Kerala and Tamilnadu and the details can be furnished along with the bid.
3. The quoted device should be ISO certified.
4. The respective bidder should be an authorized supplier for the quoted product for which Manufacturer Authorization Form is to be submitted along with the bid.
5. The prices should be quoted as per the format for price schedule enclosed as **Annexure – II**.
6. The prices quoted shall be valid for a period of **90 days** from the date of opening of bids.
7. The exact details of all the quoted items should be mentioned with complete technical specifications supported with illustrative literatures / catalogues / brochures.
8. The items should be delivered at the respective locations within **3 weeks** from the date of placement of order.
9. Penalty @ 0.50 % per week's delay subject to a maximum of 5 % is applicable for delayed delivery.
10. The bid shall be evaluated by taking the total amount quoted for all the items. The total amount will be calculated as given below;  
Total amount of the item = Total amount of new items – Total amount of old item
11. Necessary user manuals/CDs/DVDs/accessories/license documents are to be supplied along with the equipment.

12. The onsite warranty and subscription package of the device should be for the period of minimum **Three (3) years** from the date of installation. All the defective parts should be replaced and all subscription related issues should be addressed during the warranty period at free of cost.
13. Bids should be clear in all respects and those with ambiguous clauses shall be rejected.
14. The supply order shall be placed on the lowest responsive bidder.
15. The OEM should have 24x7 toll free maintenance support.
16. All breakdown calls should be attended within 3 hours of intimation.
17. Successful bidder has to arrange their own transport to shift the used items to their site/office after the supply of new items.
18. Payment will be released within 30 days from the date of successful supply, installation and acceptance from Corporate and Registered office, Poojappura, Thiruvananthapuram. 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. Warranty certificate if any,
19. The bids should be submitted at the following address.

**Associate Vice President (IT)**  
**HLL Life care Limited**  
**Corporate and Registered Office,**  
**HLL Bhavan, Poojappura,**  
**Thiruvananthapuram – 695 012,**  
**Phone: 0471- 2354949.**
20. Bids should be submitted on or before **15:00 Hrs on 16.03.2015** and the same **will be opened at 15.30 Hrs on the same day** at Corporate Head Office, Poojappura, and 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.
21. Any bid received after the deadline will be rejected.
22. HLL Lifecare Limited reserves the right to accept or reject any or all of the bids without assigning any reason whatsoever.
23. The envelopes containing the bid shall bear the Bid Number with date and the words “DO NOT OPEN BEFORE .....” (Here insert the time and date of bid opening).
24. No Email or fax bids will be accepted.
25. 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**  
**Senior Manager (Hardware)**

**I.Details of the required item**

	<b>Technical Specifications</b>	<b>Qty</b>
<b>GENERAL REQUIREMENTS</b>	<ol style="list-style-type: none"> <li>1. The Firewall should support “Stateful” policy inspection technology. It should also have application intelligence for commonly used TCP/IP protocols like telnet, ftp etc.</li> <li>2. Appliance should be in rack mountable/ Form factor</li> <li>3. The platform must use a hardened OS.</li> <li>4. The proposed device should support High Availability Active/Passive and Active/Active.</li> <li>5. Licensing should be as per device and not user/IP based (should support unlimited users).</li> <li>6. Firewall Architecture should be on multiple tiers (firewall module, logging &amp; policy management server, and the GUI/ WebUI Console).</li> <li>7. The firewall should be supplied with the support for RIP v2, OSPF &amp; BGP routing protocols</li> <li>8. The firewall should all the multicast traffic to pass through the firewall system</li> <li>9. The firewall system should have a provision to handle the bandwidth management.</li> <li>10. The firewall system should have SSL VPN functionality.</li> <li>11. The device should support for user authentication at the firewall system for the different TCP/IP applications, like HTTP, SMTP, Telnet &amp; SSH.</li> <li>12. The device should support IPv6.</li> </ol>	<b>KFC -1 No. CMO -1 No.</b>
<b>INTERFACE &amp; CONNECTIVITY REQUIREMENT</b>	<ol style="list-style-type: none"> <li>1. The platform must be supplied with at least 8 nos. of 10/100/1000Mbps fixed copper interfaces.</li> <li>2. The platform should support VLAN tagging (IEEE 802.1q)</li> <li>3. The device should support Load Balancing and Failover among a minimum of 2 ISP Links.</li> </ol>	
<b>TECHNICAL REQUIREMENTS:</b>	<ol style="list-style-type: none"> <li>1. The box should be capable of upgrading to new versions/products in case a new feature is released by the OEM.</li> <li>2. Blocks attacks such as DoS, port scanning, IP/ICMP/TCP-related.</li> <li>3. Should have an integrated IPS</li> <li>4. Should support unlimited policies.</li> </ol>	
<b>PERFORMANCE REQUIREMENTS:</b>	<ol style="list-style-type: none"> <li>1. The Firewall must support at least 30,00,000 concurrent connections</li> <li>2. The Firewall must support at least 80,000 new sessions per second processing.</li> <li>3. The Firewall should support a minimum of 8000 Mbps Firewall Throughput.</li> <li>4. The product should support minimum combined UTM throughput of 1000 Mbps</li> <li>5. The appliance should support integrated IPS throughput of at least 2500 Mbps.</li> </ol>	

	<ol style="list-style-type: none"> <li>6. The appliance should support Antivirus throughput of at least 2400 Mbps.</li> </ol>	
<b>FIREWALL LOGGING, STATISTICS AND REPORTING REQUIREMENTS:</b>	<ol style="list-style-type: none"> <li>1. The Firewall must provide at a minimum basic statistics about the health of the firewall and the amount of traffic in the firewall</li> <li>2. Support to log in detail all connections which go through the Firewall.</li> <li>3. The device should have on-appliance reporting solution with a minimum of 250 GB Drive.</li> <li>4. Provision to report all successful connections inbound</li> <li>5. Provision to report all successful connections outbound</li> <li>6. Support to generate performance statistics on real-time basis</li> <li>7. Capability to produce reports which measure usage.</li> </ol>	
<b>FIREWALL FILTERING REQUIREMENTS:</b>	<ol style="list-style-type: none"> <li>1. The Firewall should also support the standard Layer 3 mode of configuration with Interface IP's. It should be possible to protect the firewall policies from being compromised.</li> <li>2. The device should have option to guarantee or limit bandwidth per User, User-Group level &amp; application level</li> <li>3. The Firewall must provide NAT functionality, including dynamic and static NAT translations.</li> <li>4. The Firewall must provide filtering capability that includes parameters like source addresses, destination addresses, source and destination port numbers, protocol type etc.</li> <li>5. The Firewall should be able to filter traffic even if the packets are fragmented.</li> <li>6. The Firewall should support authentication protocols like LDAP, RADIUS, Microsoft AD etc.</li> <li>7. The Firewall should provide advanced NAT capabilities, supporting all applications and services-including H.323 and SIP based applications</li> <li>8. Support for Filtering TCP based applications</li> <li>9. Should support CLI &amp; GUI based access to the firewall modules</li> <li>10. Local access to firewall modules should support role based access.</li> <li>11. Integrated IPS should support hybrid attack detection/prevention with multiple attack protections methods, like Protocol Anomaly, Signature-Based, Day-Zero Protection, etc</li> <li>12. Integrated IPS should protect setup against vulnerabilities in the applications of the protected systems by carrying out deep packet inspection.</li> </ol>	
<b>INTRUSION PREVENTION SYSTEM.</b>	<ol style="list-style-type: none"> <li>1. Blocks attacks such as DoS, port scanning, IP/ICMP/TCP-related</li> <li>2. Blocks attacks such as DNS cache poisoning, FTP bounce, improper commands etc.</li> <li>3. Signature-based, behavioural, and protocol anomaly</li> <li>4. IPS should be a integrated system with firewall.</li> </ol>	

	<ol style="list-style-type: none"> <li>5. IPS should have option to configure country based blocking</li> <li>6. IPS should be able to prevent evasion mechanisms.</li> <li>7. IPS must have the ability to add signature exceptions via Console (Not CLI).</li> <li>8. Separate logs for IPS is required which can be analyzed from the console. Separate logs for other components like FW, VPN, Applications etc are also required from the console</li> </ol>	
<b>ADMINISTRATION/ MANAGEMENT REQUIREMENTS:</b>	<ol style="list-style-type: none"> <li>1. Any changes or commands issued by an authenticated user should be logged to a database.</li> <li>2. The Firewall must send SNMP traps to Network Management Servers (NMS) in response to System failures.</li> <li>3. Provision to generate automatic email alerts.</li> <li>4. The Firewall must not support any non-secure means of access to the Firewall.</li> <li>5. Support for role based administration of firewall</li> </ol>	
<b>USER IDENTITY</b>	<ol style="list-style-type: none"> <li>1. Should have integrated Identity Control</li> <li>2. Should Support User based Policies</li> <li>3. Time based polices</li> <li>4. Should support Clientless and agent less authentication</li> <li>5. Should have Captive portal authentication</li> <li>6. Identity agent based authentication.</li> <li>7. Application based logs</li> <li>8. User based logs</li> <li>9. Should support bandwidth allocation based on applications</li> </ol>	

## **II. Details of the Existing item**

**Cisco ASA 5510 Firewall** (Installed at our Kakkanadu factory, Kochi)

### **Address of Location**

#### **KFC**

HLL Lifecare Limited,  
Plot:16/A/1, Cochin Special Economic Zone(CSEZ),  
Kakkanadu,  
Kochi – 682037  
Phone : 0484 – 2413332

#### **CMO**

HLL Lifecare Limited  
No.185, Plot No:1, 100 ft. Bypass Road,  
Vijayanagar, Velacherry, Chennai - 600 042  
Phone : 044 - 22441727

**Annexure-II**

Sl.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.....