HLL Lifecare Limited
(A Government of IndiaEnterprise)
Corporate and Registered Office,
HLL Bhavan, Poojappura,
Thiruvananthapuram– 695 012
Kerala, India.
Phone: 0471 – 2354949,2775612
CIN:U25193KL1966GOI002621
Website: www.lifecarehll.com

Invitation for Bids

***SUPPLY, INSTALLATION AND CONFIGURATION OF APPLICATION
DELIVERY CONTROLLER (ADC) WITH WEB APPLICATION FIREWALL (WAF)***

Date	:	11th September 2020
IFB No.	:	HLL/CHO/IT/HW/MCC/2020

The schedule of the bid is given below.

Last date and time for receipt of bids   : 15.00 Hrs. on 28.09.2020
Time and date of opening of Technical Bids :15.30 Hrs on 28.09.2020

Important Information

Sl.No	Particulars	Details
1	EARNEST MONEY DEPOSIT (EMD)	Rs.20,000.00 (Rupees Twenty Thousand only)
2	Last date for submission of Bids	15:00 Hrs on 28.09.2020
3	Date of opening of Technical Bids	15:30 Hrs on 28.09.2020
4	Date of opening of Commercial Bids	Will be intimated later to the Technically qualified Bidder
5	Address of submission and opening of bids	Vice President (IT), HLL Lifecare Limited, HLL Bhavan,Poojappura, Thiruvananthapuram – 695012, Kerala, India Phone – 0471 – 2354949, 2775000

HLL/CHO/IT/HW/MCC/2020/ Dated 11th September 2020

Dear Sir/ Madam,

Sub: Supply, installation and configuration of Application Delivery Controller (ADC) with Web Application Firewall (WAF)

HLL Lifecare Limited, Thiruvananthapuram invites competitive bids under two bidding system (Technical and Commercial) from the eligible bidders for the supply, installation and configuration of Application Delivery Controller (ADC) with Web Application Firewall (WAF) at HLL Lifecare Limited, Corporate and Regd. Office, Poojappura, Thiruvananthapuram. The technical specification of the required item is attached as **Annexure-1.**

DEFINITIONS

(a) "The Purchaser" means the HLL Lifecare Limited, Corporate and Registered Office, HLL Bhavan, Poojappura, Thiruvananthapuram– 695 012, Kerala.

(b) "The Bidder" means the firm who participates in the tender and submits its bid.

(c) "The Supplier or Contractor" means the firm providing goods and services under the contract

TERMS & CONDITIONS

1. Submission of Bid:

1.1 The Bidding Process comprises two parts, viz.

Part I : Technical Bid
&
Part II : Commercial Bid.

The Bidders shall seal the bids in separate envelopes, duly marking the envelopes as

(i) Technical Bid (Unpriced)
(ii) Commercial (Price) Bid
(iii) EMD and all these envelopes enclosed in another sealed outer envelope.

Both Technical bid and Commercial Bid are to be submitted by superscripting "Supply, Installation and Configuration of Application Delivery Controller (ADC) with Web Application Firewall (WAF)" on top of the envelope.

1.2 The bids should be submitted at the following address.

> **Vice President (IT)**
> **HLL Lifecare Limited**
> **Corporate and Registered Office,**
> **HLL Bhavan, Poojappura,**
> **Thiruvananthapuram – 695 012,**
> **Phone: 0471- 2354949, 2775612.**

1.3 The bid should bear the Invitation for Bids (IFB) reference and a statement "Do not open before --hours on (Insert the time and date of bid opening) in the outer envelope.

1.4 <u>Date of Submission</u>

Time Schedule for submission of Bid is as under –

Last date & time for submission of
Technical Bid & Commercial Bid   : 15: 00 Hrs. on 28.09.2020.

Date & time of opening of Technical Bid : 15.30 Hrs. on 28.09.2020

Date & time of opening of Commercial Bid : Will be intimated separately
                                             to the technically qualified
                                             bidders.

1.5 No Email/Fax/telex bids will be accepted.

1.6 Any bid received by the purchaser after the deadline for submission of bids prescribed by the purchaser shall be rejected and returned unopened to the bidder.

1.7. Bidders may depute their representatives with authorization letter to participate in the bid opening strictly according to the time schedule.

1.8 The Technical Bid will be evaluated first for compliance with the prescribed Technical Specification.

1.9 Commercial bid of only short-listed bidders who will qualify in Technical evaluation will be called for and evaluated by the Purchaser.

1.10 The technically qualified bidders will be intimated about the opening of the Commercial Bids and the Commercial Bid of the unqualified technical bidders will be returned to them unopened.

1.11 The purchaser is not responsible for non –receipt of bid within the specified date and time due to any reason including postal delays or holidays. In case, the specified date of submission & opening of Bids is declared as holiday, the bids will be received till the specified time on next working day and Technical Bid will be opened at specified time on the next working day.

1.12 The bidder may withdraw their offer after submission provided; written notice of withdrawal is received by the purchaser prior to the closing date and time prescribed for submission of bid. No offer can be withdrawn by the bidder subsequent to the closing date and time for submission of offers.

1.13 The Purchaser reserves the right to change / modify /amend any or all of the provisions of this document. Such changes would be posted on the website of HLL (www.lifecarehll.com) and CPP portal only.

1.14 The language of the Bid should be in English.

2. **Pre-Qualification Eligibility criteria of the Bidder:**

The prospective bidder should satisfy the following criterion.

2.1 The bidder should be an Indian company and in continuous business of supply, installation and maintenance of the IT Security devices similar to the items mentioned in the schedule of requirements (**Annexure-I**) during the last three years prior to the bid opening.

2.2 The bidder firm should be ISO 9001/27001 certified and the necessary document should be submitted along with bid.

2.3 The bidder / OEM should have office / service support center at Thiruvananthapuram / Kerala. The details may be furnished along with the bid.

2.4 The bidder should not have been blacklisted by any state/central Government organizations/firms/institutions for which the statement stating that the bidder has not been blacklisted by any institution of the Central/state Government in past three years may please be submitted.

2.5 The bidder should be regular tax payer under the Income Tax Act. Please furnish the details Permanent Account Number (PAN) and Goods and Service Tax (GST) number

2.6 The bidder should be an authorised partner of the OEM for the quoted product. Manufacturer Authorisation Form (MAF) which is addressed to HLL should be submitted along with the bid.

2.7 The OEM of the quoted product should be ICSA Lab certified.

3 EARNEST MONEY DEPOSIT (EMD)

a) The Bid should be submitted along with an Earnest Money Deposit (EMD) of **INR.20,000.00** (Rupees Twenty 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 unsuccessful bidders will be returned as promptly as possible to them within one month of selection of successful bidder.

c) The EMD of successful bidder will be released after successful completion of all the items at the respective location.

d) The EMD will be forfeited if;
   (i). The Bidder withdraws the bid during the period of bid validity.
   or
   (ii). In the case of successful bidder, if the bidder fails to deliver the items.

e) Exemption on submission of EMD is applicable to the eligible bidder against the submission of necessary documents (NSIC/MSME)

4 Submission of Technical Bid and Commercial Bid with required Documents

4.1 **Technical Bid** - The Technical Bid should comply with the technical specification given in **Annexure – I**. The Technical bid should be complete in all respects and contain all information asked for except prices.

The Technical Bid must be submitted neatly and securely along with the following documents,

4.1.1 Bidder's Covering letter.

4.1.2 EMD in the form of Demand Draft as specified in Clause 3

4.1.3 Manufacturer Authorization form (MAF) certificate for the item quoted addressed to HLL Lifecare Limited in letter head of OEM

4.1.4 Copy of ISO 9001/27001and ICSA Lab certification.

4.1.5 Bidder's Technical Offer with specifications as given in **Annexure-I**.

4.1.6 Compliance statement for the technical specifications for the product quoted.

4.1.7 Technical Documentation (Product Brochures, leaflets, manuals etc).

4.1.8 A signed undertaking from authorized signatory of the bidder that shall certify that all the components /parts/assembly/software used in the device shall be original, new components /parts/ assembly/software and that no refurbished /duplicate/second hand/counterfeit components/parts/assembly/software are being used or shall be used

4.1.9 Copy of the Registration certificate or Certificate of incorporation attested.

4.1.10 Copies of Supply/Purchase order for the supply and installation of similar items/Certificate from the customers of the bidder for similar deliverables done satisfactorily.

4.1.11 Statement that the bidder has not been blacklisted by any institution of the Central/state Government in past three years attested by notary public.

4.1.12 Copy of bid document (all pages to be signed and stamped)

4.1.13 Copy of annual reports/balance sheet, etc. for the last 3 years (2017 – 18, 2018 -19 and 2019– 20)

4.1.14 Details of Permanent Account Number (PAN), GST issued by tax authority.

4.1.15 Authorization Letter for the bidder's representative who will attend the Bid Openings.

4.1.16 Details in the format (**Annexure-V**) and Copy of Udyog Aadhar Number (UAN)) in case of MSME bidder.

4.1.17 Acceptance form (**Annexure-III**) and Declaration Certificate (**Annexure-IV**)

4.1.18 The details of escalation matrix for both bidder and OEM with telephone numbers and email IDs.
4.1.19 The complete details of service support centre /authorized service partners for the bidder or OEM at Thiruvananthapuram/Kerala.

5. **Commercial Bid**

5.1 The Commercial Bid should comply with the price information of the items as specified in Annexure–I in the format of price schedule attached as **Annexure- II**.

5.2 The total value mentioned in the price bid shall be inclusive of all taxes and duties, freight, insurance, loading & unloading charges and installation charges etc. and on door delivery basis to the location mentioned.

5.3 Once the bid is submitted in sealed cover by the bidder, the purchaser will not accept any addition/ alterations/ deletions of the Bid. However, the purchaser reserves the right to seek clarification or call for supporting documents from any of the bidders, for which the concerned bidder will need to submit the documentary evidence(s) as required by the purchaser.

5.4 Any Technical Bid, submitted with incorrect information will be liable for rejection. Further, if any bidder is found to have submitted incorrect information at any time, he may be debarred from participation in the future tendering processes.

6. **Clarification of Bid Document**

6.1 A prospective bidder, requiring any clarification on the bid documents shall notify the Purchaser by e-Mail at sivakumar@lifecarehll.com.The Purchaser shall respond to any request for the clarification of the Bid Documents, which it receives not later than 5 days prior to the date of opening of the Bids.

6.2 Any clarification issued by HLL in response to a query raised by prospective bidders shall form an integral part of bid documents and it may amount to an amendment of relevant clauses of the bid documents and the same shall be published in our website and CPP portal.

6.3 No post bid clarification will be entertained from the bidders in this regard.

7. Rejection of the Bid

The Bid is liable to be rejected if:
- The document does not bear signature of authorized person.
- It is received through Fax/E-mail.
- It is received after expiry of the due date and time stipulated for submission of bids.
- Incomplete Bids, including non -submission or non-furnishing of requisite documents/ EMD not conforming to the terms and conditions stipulated in this Bid Document
- It is a conditional bid and has an ambiguity

8. Clarifications of Bids

To assist in the examination, evaluation and comparison of bids the Purchaser may, at its discretion, ask the bidder for clarification. The response shall be in writing and no change in the substance or price of the bid shall be sought, offered or permitted.

9. Deadline for submission of Bids

Bids must be received by the Purchaser at the address specified in the Bid Document not later than the specified date and time as specified in the Bid Document. In the event of the specified date of submission of bids being declared a holiday for the Purchaser, the bids will be received up to the appointed time on next working day. The Purchaser may, at its discretion, extend this deadline for submission of bids by amending the bid 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 extended.

10. Period of validity of Bids

a. The offer should remain valid for **a minimum period of 90 days** from the date of opening of the Commercial Bid. Any offer falling short of the validity period is liable for rejection. However, the supplier/contractor should pass on the benefit to the purchaser if there is any price reduction in the meantime.

b. In exceptional circumstances, HLL may request all the Bidders consent to an extension of the period of validity of their respective bid. The request and the response thereto will be made in writing. Extension of validity period by the Bidder must be unconditional. The Bidder will not be permitted to modify his bid

11. Evaluation Criteria for Technical Bid & Commercial Bid

11.1 The Purchaser will scrutinize the offers to determine whether it is complete, whether errors have been made in the offer, whether required technical documentation has been furnished and whether the documents have been properly signed. Bids with incorrect information or not supported by documentary evidence, wherever called for, would be summarily rejected.

11.2 Technical evaluation would be done to examine whether offered equipment/ machines having the basic specifications asked for. Deviation from specifications stipulated may make the offer liable for rejection.

11.3 The Technical Bids will be evaluated for compliance with the prescribed Technical Specifications and supported documents mentioned under Clause 4.1. Bids which are not complied will be treated as Non-Responsive and summarily rejected.

11.4 Commercial bid of only short-listed bidders who will qualify in Technical evaluation will be called for and evaluated by the Purchaser.

11.5 The qualified technical bidders will be intimated regarding the Commercial Bid Opening and the Commercial Bid of the unqualified technical bidders will be returned to them unopened.

11.6 For proper scrutiny, evaluation and comparison of offers, the purchaser may, at its discretion, ask some or all bidders for clarification of their offer. The request for such clarifications and the response will necessarily be in writing/email. If deemed necessary, the bidder will be required to give presentation on the systems offered.

11.7 Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the purchaser. If there is a discrepancy between words and figures, the amount in words shall prevail. If the bidder does not accept the correction of the errors, his bid shall be rejected.

11.8 **The final selection of L1 bidder will be decided on the basis of Total Cost of the items inclusive of all taxes**

12. Placement of order

The Purchaser shall consider placement of supply order(s) for items quoted only on the first lowest responsive bidder (will be referred as L1) who is technically and commercially qualified (Based on the total cost mentioned as in the clause 11.8).

13. Placement of order and acceptance

The supplier/contractor shall give acceptance of the Purchase Order (P.O) placed by returning the duplicate copy of P.O duly signed and sealed within 5 days from the date of P.O , failing which, the Purchaser shall have right to cancel the order.

14. Delivery schedule

The supplier must undertake to deliver the items as per the purchase order, at the respective delivery location **within 4 (Four) weeks** from the date of the Purchase Order. If Letter of Intent (LOI) is placed by the purchaser prior to Purchase Order, the delivery schedule will commence from the date of LOI only.

15. Terms of Payment

15.1 95% of the product cost including warranty charges along with GST and other applicable duties on actual basis will be paid on delivery, installation and acceptance of ordered items, after realizing penalty charges for late delivery / installation if any. The claim for payment should strictly contain the documents/reports mentioned below;

- Three copies of invoice with GST details.
- Delivery Challan and installation report which should be duly signed and stamped by an authorized official of the purchaser.
- Account details for payment through RTGS/NEFT, i.e., Name of Bank, Name of Branch, IFSC Code, Account No. etc.
- Warranty certificate

15.2 5% of the product cost will be paid after completion of the Warranty period (3 Years) or against submission of Performance Bank Guarantee (PBG) for the 5 % of total value (inclusive of taxes) from any Nationalized for equivalent amount and valid for the entire warranty period.

16. <u>Penalty or Liquidated Damages for delayed supply/ installation</u>

In case the delivery is delayed beyond the stipulated date of delivery, Liquidated Damage for late delivery at **0.5%** of the total order value for each week of delay or part thereof would be imposed, subject to maximum of **5%** would be applicable for delayed delivery. The penalty for late delivery will be deducted from the bill amount. The purchaser reserves the right to cancel the order if the delivery is delayed beyond the stipulated schedule.

17. <u>Scope of installation</u>

The activities to be performed but not limited to the following
- Carrying out a quality check for the supplied item.
- Installation / Mounting of device.
- Installation and configuration of the device as per the requirement of the purchaser.
- Documentation.
- Training

18. <u>Warranty & Maintenance</u>

18.1 The supplier/contractor must provide **3 (Three) years on-site** warranty under OEM support for the item supplied covering all parts & labour from the date of acceptance of the systems.

18.2 Scope of services during warranty period

(i)   The breakdown calls should be attended within 2 Hrs. of intimation
(ii)   All the defective parts of the item and faulty item as whole should be replaced at free of cost.
(iii)   If the defective item, either a part or whole, is taken for supplier's site for service in the case of failure in rectifying the problem at client's site, an item which technically comprises the defective item (equivalent or higher) should be provided within one working day.

11

(iv) At least one preventive health checkup of the items should be done in every quarter.

(v) Firmware, Software upgrades, patches to cover fixes for found the vulnerabilities time to time should be provided without extra cost thought the support tenure.

(vi) The break down calls should be attended after office hours and during holidays also in case of emergency without any additional charges.

(vii) The telephonic support should be provided on 24/7 basis.

18.3 The supplier shall be fully responsible for the manufacturer's or OEM's warranty for all equipment, accessories, spare parts, system software etc. against any defect arising from design, material, manufacturing, workmanship, or any act or omission of the manufacturer/Supplier or any defect that may develop under normal use of supplied equipment during the warranty period.

18.4 The purchaser reserves right to shift the items to any location where it has presence, anywhere in India during the warranty period. The supplier should provide necessary assistance without any additional charges and the warranty support also should not be affected.

19.   Other Terms and conditions

19.1 The Purchaser does not bind itself to accept the lowest or any Bid and reserves the right to reject any or all Bids at any point of time prior to the issuance of purchase order without assigning any reasons whatsoever.

19.2 The Purchaser reserves the right to resort to re -tendering without providing any reasons whatsoever. The purchaser shall not incur any liability on account of such rejection.

19.3 The Purchaser reserves the right to modify any terms, conditions or specifications for submission of offer and to obtain revised Bids from the bidders due to such changes, if any.

19.4 Canvassing of any kind will be a disqualification and the purchaser may decide to cancel the bidder from its empanelment.

19.5 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.

19.6 By submitting the bid it is presumed that the bidder has verified the tender Documents and technical specification of the items in details and has quoted the tender rate accordingly.

19.7 The bidder who requires any clarification on the IFB shall notify through e-Mail at sivakumar@lifecarehll.com. However no post bid clarification shall be entertained

19.8 The MSME bidders shall be considered based on furnishing of valid UAM (Udyog Aadhaar Memorandum) number and copy of relevant document along with the bid only

20. Purchaser's right to accept or reject any Bid or all Bids.

The Purchaser reserves the right to accept or reject any bid and annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for the Purchaser's action.

21. Indemnity

The Supplier shall indemnify and hold harmless the Purchaser from and against all claims, liability, loss damage or expense, including counsel fees arising from or by reason of any actual or claimed trade mark, patent or copy right infringement or any litigation based thereon with respect to any part of the items covered by the contract, and such obligations shall survive acceptance of payment for the items

22. Force Majeure

22.1 If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may, at its option, terminate the contract.

22.2 Provided, also that if the contract is terminated under this clause, the Purchaser shall be at liberty to take over from the Supplier at a price to be

fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in course of manufacture which may be in possession of the Supplier at the time of such termination or such portion thereof as the Purchaser may deem fit, except such materials, bought out components and stores as the Supplier may with the concurrence of the Purchaser elect to retain.

23 Governing laws and Disputes

All disputes or differences whatsoever arising between the parties out of or in relation to the meaning and operation or effect of these Tender Documents or breach thereof shall be settled amicably. If however the parties are not able to solve them amicably, the same shall be settled by arbitration in accordance with the applicable Indian Laws, and the award made in pursuance thereof shall be binding on the parties. The Arbitrator/ Arbitrators shall give a reasoned award. Any appeal will be subject to the exclusive jurisdiction of the courts in Kerala. The venue of the Arbitration shall be in Kerala only.

Deputy General Manager (Hardware)

Schedule of Requirement with Minimum Technical Specifications
Quantity – 1 No.

Sl.No	Description
1	**Physical Specification**
1.1	System must of be 19-inch rack mountable 1 U form factor
1.2	System must have dedicated management port
1.3	System must have RJ-45 console port
1.4	System must have 5 x 1 GE Interface and must support 4 x 10 G fiber ports
1.5	Processor should be Intel Processor
1.6	System should have inbuilt Logging & Monitoring features
2	**Performance**
2.1	System must support 10 Gbps of L4 & at least 7Gbps of L7 throughput
2.2	System must support 16 million concurrent connections
2.3	System must support 240 K Layer4 connection per second
2.4	System must support 70 K 1:1 Layer7 connection per second for HTTP
2.5	System must support 1 Gbps of SSL offloading throughput
3	**Virtual Context**
3.1	System must support 30 Virtual Contexts from day 1 without any additional license.
3.2	System must support dedicated configuration file for each Virtual context
3.3	System must support resource allocation to each context including throughput, CPS, Concurrent connection, SSL throughput
3.4	System must be able to modify the resource allocation on the fly without restarting/rebooting any context
4	**Integrated DDOS**
4.1	System must support protection from Fragmented packets
4.2	System must support protection from IP Option
4.3	System must support protection from Land Attack
4.4	System must support protection from Packet Deformity Layer 3
4.5	System must support protection from Packet Deformity Layer 4
4.6	System must support protection from Ping of Death
4.7	System must support protection from TCP No Flag
4.8	System must support protection from TCP Syn Fin
4.9	System must support protection from TCP Syn Frag
4.10	System must support connection limit based on source IP
4.11	System must support connection rate limit based on source IP
4.12	System must support request rate limit based on source IP
5	**Load-balancing /Proxy features**
5.1	System must support Layer4-Layer7 load-balancing
5.2	System must support load-balancing algorithms including round-robin, least connection, service least connection, fastest response, hash etc

5.3	System must support active-active and active-backup configuration for load-balancing
5.4	System must support reverse proxy functionality of hosting multiple http/https service behind single IP
5.5	System must support Source-NAT for LB traffic
5.6	System must have flexibility to config VIP as Source NAT IP
5.7	System must support X-forwarder option. The appliance should have option to enable x-forwarder option per service to log actual client IP in web server log.
5.8	System must support forward proxy with proxy chaining
5.9	System must support HTTP Compression
5.10	System must support Global Server load-balancing from day 1 on the same appliance & must be without any additional license
5.11	System must support Authentication offloading from back-end servers using SAML, Kerberos, NTLM, TDS SQL Logon, LDAP, RADIUS, Basic, OCSP stapling, HTML Form- based
5.12	System must support graceful activation and disabling of the backend server
5.13	System must support application level load-balancing of Radius and Diameter protocol
5.14	System must support application level load-balancing of DNS protocol
5.15	System must support application level load-balancing of SPDY protocol
5.16	System must support application level database load-balancing
5.17	System must support application level IMAP,POP3 and SMTP load-balancing
5.18	System must support application level load-balancing for SIP protocol
5.19	System must support application level load-balancing for FIX protocol
5.20	System must support DNS Caching
5.21	System must support Anycast based Global server load-balancing
5.22	System must support connection limit per server/link
5.23	System must support connection rate limit per server/link
5.24	System must support request rate limit per server/link
5.25	System must support Single sign-on (SSO) authentication relay
5.26	System must support Authentication for Microsoft SharePoint, Outlook Web Access, and other packaged and custom applications
5.27	System must support Perfect Forward Secrecy (PFS) with Elliptic Curve Diffie Hellman Exchange (ECDHE) and other Elliptic Curve Cryptography(ECC) ciphers
5.28	System must support Scriptable health check support using TCL, Python, Perl, and Bash
5.29	System must support Next Hop Load Distribution (NHLD) for load balancing multiple links
5.30	System must support Internet Content Adaptation Protocol (ICAP)
5.31	System must support IPv4 to IPv6 and IPv6 to IPv4 SLB-PT
5.32	System should be capable to perform Outbound and Inbound balancing

6	**Web application Firewall**
6.1	System must support cookie encryption
6.2	System must support protection from OWASP top 10 threats
6.3	System must support protection from SQL injection
6.4	System must support protection from cross-site scripting
6.5	System must support protection from BOT generated requests
6.6	System must support HTTP protocol compliance check
6.7	System must support Cloaking to hide server responses/error status codes
6.8	System must support Credit Card numbers/US SSN masking
6.9	System must support PCRE based masking
6.10	System must support CSRF check and XSS check
6.11	System must support filtering of http methods
6.12	System must support learning, passive and active mode of WAF deployment
6.13	System must support protection from buffer overflow
6.14	System must support URL blacklisting and white listing
6.15	System must support TCL based scripts for custom rules
6.16	Provide WAF module should be certified by ICSA labs
7	**Redundancy**
7.1	System must support VRRP based redundancy
7.2	System must support active-active and active-backup configuration
7.3	System must support automatic and manual configuration sync
7.4	System must support dynamic VRRP priority by traffic interface, server, nexthop and routes
7.5	System must support scale-out configuration upto 8 devices to support higher throughput
7.6	System must support dedicated VRRP setting per virtual context
8	**Management**
8.1	System must have Web-based Graphical User Interface (GUI)
8.2	System must have Industry-standard Command Line Interface (CLI)
8.3	System must support Granular Role-based\Object-based Access Control
8.4	System must support SNMP, Syslog, email alerts, NetFlow v9 and v10 (IPFIX), sFlow
8.5	System must support REST-style XML API (aXAPI) for all functions
8.6	System must support external authentication including LDAP, TACACS+, RADIUS

Price Schedule   **Annexure – II**

Sl.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. …………………………………

ANNEXURE -III

ACCEPTANCE FORM

(To be submitted in the letter head of the firm indicating full name and address, telephone & fax numbers etc.)

From

To

Vice President (IT)
HLL Lifecare Limited
Corporate and Registered Office,
HLL Bhavan,
Poojappura.P.O,
Thiruvananthapuram – 695012,
Kerala, India
Ph: 0471- 2354949, 2775000

Dear Sir,

I / We, hereby offer to design / fabricate / supply/install/testing/validate/commission as detailed in schedule hereto or such portion thereof as you may specify in the acceptance of Bid at the price given in the price bid and agree to hold this offer open for **90 Days** from the date of bid opening prescribed by the Purchaser.

I/ We have understood the terms and conditions mentioned in the invitation for bid and Conditions of Contract furnished by you and have thoroughly examined the specifications quoted in the bid document hereto and are fully aware of the nature of the scope of work required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above.

We are hereby attesting all the pages of the tender document & submitting the same in proof of our acceptance of the terms of the tender.

Yours faithfully,

SIGNATURE OF THE BIDDER WITH SEAL

ANNEXURE-IV

DECLARATION CERTIFICATE

I / we hereby confirm that the information given with this bidding document is correct. If, at any stage, it is found to be incorrect, I / we understand that the contract will be liable to be terminated and action could be taken against me/us by the Company for damages.

SIGNATURE OF THE BIDDER WITH SEAL

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

ANNEXURE –V

CATEGORY DETAILS OF ORGANIZATION

SL No.	Description	Yes/No
1.	Whether the organization belongs to the MSME category	
2.	If yes whether the organization belongs to MSE category	
3.	Whether the MSE organization belongs to SC/ST entrepreneur.	
4.	Whether the MSE organization belongs to woman entrepreneur.	

The Udyog Aadhar Memorandum (UAM) of the bidder ……………………………

(Self-attested copy of Udyog Aadhar Memorandum Certificate shall be submitted along with the technical bid)

*Kindly furnish the copies of documents supporting your above claim along with this Annexure duly filled.

Date: **Signature of the Bidder:**

Place: **Name with seal:**