

ICAR - INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE
Division of Computer Applications
Library Avenue, Pusa, New Delhi -110012

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Pre-Bid Response for the "Establishing Internet & Point to Point connectivity and related components at ICAR-DC and ICAR -DRC"

Bid Page No.	Bid Section/Clause	Original Clause as Per Bid	Query/ Suggestion/ Clarification	Response of ICAR-IASRI
39	3. Post-qualification Requirements (ITB 36.1)- B-3.	The Bidder should be Category 'A' Internet Service provider under the licenses of Government of India (GOI), Basic Service Operator having own network business for minimum of last three (3) years	We request the department to change this clause as " The Bidder should be System Integrator having business for IT/ITes minimum of last three (3) years. This will allow more bidders to participate .	The clause should be read as: The Bidder should be: I. Category 'A or B ' Internet Service provider under the licenses of Government of India (GOI). II. Basic Service Operator having own network business for minimum of last Two (2) years
39	3. Post-qualification Requirements (ITB 36.1)- B-4.	The Bidder should have Service and Support Centre at NCR with atleast 10 technically qualified and certified engineers for support and maintenance.	This clause may restrict the bidders to participate. Hence, we request the department to change this clause as " The Bidder should have Service and Support Centre anywhere in India with atleast 10 technically qualified and certified engineers for support and maintenance".	The clause should be read as: The Bidder should have Service and Support Centre within India with at least 10 technically qualified and certified engineers for support and maintenance.
39	3. Post-qualification Requirements (ITB 36.1)- B-5.	Bidder should possess valid ISO certificate for providing Internet Services in India	We request the department to change this clause as " Bidder should possess valid ISO certificate"	No change

39	3. Post-qualification Requirements (ITB 36.1)- B-7.	Bidder must have executed / implemented Internet Service contracts (for minimum period of 2 years) successfully during the preceding five years, with Annual Contract Value as mentioned below <ul style="list-style-type: none"> • One Service Contract worth INR 30 Lakhs • Two Service Contracts worth INR 15 Lakhs each • Three Service Contracts worth INR 10 Lakhs each 	Request to change this clause as " Bidder must have executed / implemented IT/ITes project successfully during the preceding five years, with Annual Contract Value as mentioned below · One Contract worth INR 30 Lakhs · Two Contracts worth INR 15 Lakhs each · Three Contracts worth INR 10 Lakhs each"	The clause should be read as: Bidder must have executed / implemented Internet Service contracts (for minimum period of 2 years) successfully during the preceding five years, with Annual Contract Value as mentioned below : I. One Service Contract worth INR 30 Lakhs or Two Service Contracts worth INR 15 Lakhs each or Three Service Contracts worth INR 10 Lakhs each
39	3. Post-qualification Requirements (ITB 36.1)- B-8.	Bidder must have executed / implemented at least 2 Internet Service contracts with Central/State Ministry/Department in India	Bidder must have executed / implemented at least 2 IT infrastructure contracts with Central/State Ministry/Department in India	No change
68	Link Load Balancer Sl. No 8	The solution should support Multi-level virtual service policy routing – Static, default and backup policies for intelligent traffic distribution to backend servers	Despite Being an Global Industry Leader for ADC and Load Balancing Solution for past 2 decade, this clause is restricting us to participate. Request you to kindly relax this clause Suggested Clause : The solution should support for intelligent traffic distribution to backend servers based on different HTTP header information, such as the "Cookie:" header for persistent load balancing, the "Host:" header for virtual hosting, or the "User Agent" for browser-smart load balancing.	These specification is related to the routing. Hence, No changes.

68	Link Load Balancer Page 68 Sl. No 10	The solution should have script based functions support for content inspection, traffic matching and monitoring of HTTP, SOAP, XML, diameter, generic TCP, TCPS. It should support e-Policies to customize new features/rules to re-direct the traffic on specific parameters.	<p>Despite Being an Global Industry Leader for ADC and Load Balancing Solution for past 2 decade, this clause is restricting us to participate. Request you to kindly relax this clause.</p> <p>Suggested Clause : Soluion should have Script based functions support for content inspection, traffic matching and monitoring. Load balancer should support ePolicies/script to customize new features in addition to existing feature/functions of load balancer.</p>	E-policies is also script based. Hence, No changes.
68	Link Load Balancer Sl. No 13	The solution should provide support for cache rules/filters to define granular cache policies based on cache-control headers, host name, file type, max object size, TTL objects etc..	<p>Despite Being an Global Industry Leader for ADC and Load Balancing Solution for past 2 decade, this clause is restricting us to participate. Request you to kindly relax this clause.</p> <p>Suggested Clause : The solution should provide support for cache rules/filters to define granular cache policies based on URL, Min & Max object size etc..</p>	These are important parameters for cache configuration. Hence, No changes

68	Link Load Balancer Sl. No 17	The solution should support DDoS attacks from day one like Protocol Attack: SSL invalid packet, SSL handshake attack, SSL renegotiation, HTTP invalid packet attack – Application Attacks: HTTP slow attack, HTTP flood attack, long form submission, Challenge Collapsar (CC), Hashdos, DNS NXDomain flood – Network Attacks: SYN flood, ICMP flood, Ping of Death, Smurf, IP option – HTTP & DNS ACL rules, ACL blacklist – Monitoring and Logging: PUSH/ ACK flood, FIN/RST flood, Connection flood, UDP flood – Machine learning of traffic patterns and automatic configuration of HTTP/DNS thresholds to defend against anomalous traffic	DDoS Protection is not the functionality of ADC, DDoS Protection should be a dedicated solution. Dedicated DDoS Appliance should be placed at perimeter level instead of bundling it with Load Balancer Solution which is not placed at perimeter, so device places above ADC are still vulnerable for DDoS attack. Despite Being an Global Industry Leader for ADC and Load Balancing Solution for past 2 decade, this clause is restricting us to participate. Request you to kindly relax this clause. Suggested Clause : Kindly remove this Clause.	LLB is placed on perimeter and DDoS functionality is important for the protection. Hence, No changes.
69	Link Load Balancer Sl. No 18	It should support advance functions Authoritative name sever, DNS proxy/DNS NAT, full DNS server with DNSEC, DNS DDOS, application load balancing from day one. It should be capable of handling complete Full DNS bind records including A,MX, AAAA, CNAME, PTR, SOA etc.	Native DNS and IPAM is not the functionality of ADC. However, For GSLB, Device should support resolution of A and AAAA records. Hence we request you to amend this clause. Suggested Clause : Solution should be capable of handling complete DNS bind records including A, AAAA with DNSSEC from day 1.	These records also required in case of Full DNS.Hence,No changes.

69	Link Load Balancer Sl. No 20	The solution should support Stateful session failover with N+1 clustering support when deployed in HA mode.The appliance should have USB Fast failover for fast speed High Availability	Despite Being an Global Industry Leader for ADC and Load Balancing Solution for past 2 decade, this clause is restricting us to participate. It should be active-active High Availability mode to support increasing traffic which can be load balanced between Primary and secondary device. Request you to kindly relax this clause. Suggested Clause : The solution should support Stateful session failover with N+1 clustering support when deployed in HA mode for fast speed High Availability.	Through USB we can achieve fast failover for High Availability. Hence, No changes.
69	Link Load Balancer Sl. No 21	The appliance should have extensive reporting and logging with inbuilt tcpdump like tool and log collection functionality. The appliance should have SSH CLI, Telnet, Direct Console, SNMP, Single Console per Cluster with inbuilt reporting. The solutio should support XMLRPC for integration with 3rd party management and monitoring of the devices. The appliance should provide detailed logs and graphs for real time and time based statistics.	Every OEM has its own way of connecting to 3rd Party Management System. Hence, we request you to generalize the Clause. Suggested Clause : The appliance should have extensive reporting and logging and log collection functionality. The appliance should have SSH CLI, Telnet, Direct Console, SNMP, Single Console per Cluster with inbuilt reporting. The solutio should support integration with 3rd party management and monitoring of the devices. The appliance should provide detailed logs and graphs for real time and time based statistics	The clause should be read as: The appliance should have extensive reporting and logging with inbuilt tcp dump like tool and log collection functionality. The appliance should have SSH CLI, Telnet, Direct Console, SNMP, Single Console per Cluster with inbuilt reporting. The solution should support XML-RPC or Equivalent for integration with 3rd party management and monitoring of the devices. The appliance should provide detailed logs and graphs for real time and time based statistics

69	Link Load Balancer Sl. No 21	New Clause Request	<p>Minimum Eligibility Criteria should be mentioned to have a benchmark and healthy competition among the Industry Leading Solution.</p> <p>Suggested Clause : 1. OEM should have OEM TAC in INDIA. (since last 10 years) 2. OEM must have atleast 5 reference at INDIAN Government / BFSI / Telecom Organizations in last 5 years 3. The proposed OEM should be Parent Technology OEM only (Should NOT be Whitelabeled or Co-branding or 3rd Party Technology or Open Source or Reseller Agreement)</p>	No Change
69	Link Load Balancer Sl. No 21	New Clause Request	Solution should support minimum 8 virtual ADC.	No Change
68	Link Load Balancer Sl. No 2	The Appliance should have 8x1GbE copper ports and the appliance should have dual power supply	Now a days 10G ports are important so it is suggested to amend the clause as " The Appliance should have 4x1GbE copper ports and 2x10Gbe SFP+ and the appliance should have dual power supply "	The clause should be read as: The Appliance should have 4x1GbE copper ports and 2x10Gbe SFP+ and the appliance should have dual power supply.

68	Link Load Balancer Sl. No 15	The Solution should provide full ipv6 support	IPV6 Logo certification is also important for overall functionality it is suggested amend the clause as " The Solution should provide full ipv6 support and OEM should be IPv6 ready logo certified. OEM should be listed vendor for ipv6 phase-2 certification "	The clause should be read as: The Solution should provide full ipv6 support and OEM should be IPv6 ready logo certified. OEM should be listed vendor for ipv6 phase-2 certification.
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