

Corrigendum No. – 1

Tender Enquiry No- TPSODL/OT/2024-25/026

Work Description - PO for SITC of Network Link Load Balancer for DC and DR with 07 Years Warranty and Support at TPSODL

1. The calendar of events shall be as under-

Sno	Existing last date and time for receipt of Bids.	Revised last date and time for receipt of Bids.
1	21.08.2024 upto 16 Hrs.	31.08.2024 upto 17:30 Hrs.

2. Response to Pre Bid Queries-

Reply for Pre bid Queries				
Tender No		TPSODL/OT/2024-25/026		
Package Name		Rate Contract for SITC of Industrial Routers at TPSODL		
Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	2	3	4	5
1	ANNEXURE-VII/3/25	7. Applcance should have minimum memory of 64GB for smooth network operations.	7. RAM numbers does not decide performance of the device at all . Different architecture have different hardware requirement which cannot be generalised for performance. Request you to change the required RAM to 32GB.	As per RFP. Asked memory requirement is minimum, bidder can provide higher if required.

2	ANNEXURE-VII/5/25	<p>Link Selection Metrics: The following metrics should be available:</p> <ul style="list-style-type: none"> a) leastconns b) Round robin c) Response d) Availability e) QoS f) Minmisses g) Persistence 	<p>QoS markings will be required on the perimeter device/ bandwidth management which will not be relevant for ADC deployments. Request you to omitt QoS point from the RFP.</p>	<p>As per RFP. This solution will be deployed as perimeter device and not as a ADC/server load balancer.</p>
3	ANNEXURE-VII/10/26	<p>The proposed solution should have online diagnostic tool, where administrator can take snapshot of configuration to diagnose the DNS vulnerability and the OS related issue and tool should provide the recommended or necessary steps to patch those DNS vulnerability</p>	<p>Gartner has stopped publishing Magic Quadrant for ADC since year 2017. Request you to remove this clause.</p>	<p>As per RFP.</p>
4	ANNEXURE-VII/22/27	<p>OEM should be present in Gartner leaders quadrant for ADC solution as per last published report.</p>	<p>Gartner has stopped publishing Magic Quadrant for ADC since year 2017. Request you to remove this clause.</p>	<p>As per RFP. Gartner clause make sure only reputed global solution provider eligible for bidding.</p>
5	ANNEXURE-VII/23/27	<p>Solution should be EAL/NDcPP certified.</p>	<p>The EAL Certificate is used for Security products to evaluate the security asurance levels which is less relevant for ADC products and not all ADC vendors are EAL certified. Reuquet to remove EAL certificate clause as to allow for the best of the breed ADC vendor to bid for this RFP.</p>	<p>As per RFP LLB will be a gateway device and it should be security enabled and security tested for Internet/network connectivity.</p>
6	ANNEXURE-VII / 3 / Pg No. 25	<p>7. Appliance should have minimum memory of 64GB for smooth network operations.</p>	<p>Every OEM has a different architecture, the requirement of Memory depends on the services being enabled and how the architecture is designed to utilize these resources. Requesting you to modify the clause as " Appliance</p>	<p>As per RFP. Asked memory requirement is minimum, bidder can provide higher if required.</p>

			should have minimum memory of 32 GB for smooth network operations"	
7	ANNEXURE-VII / 18 / Pg No. 26	Specific portions of the cache can be discarded without restarting the server	Need clarity on this compliance point.	This clause stands deleted
8	ANNEXURE-VII / 22 / Pg No. 27	OEM should be present in Gartner leaders quadrant for ADC solution as per last published report.	Requesting you to recheck as the last Gartner leader report was published in the year 2016. Requesting you to remove the clause.	As per RFP. Gartner clause make sure only reputed global solution provider eligible for bidding.
9	ANNEXURE-VII / 23 / Pg No. 28	Solution should be EAL/NDcPP certified.	Requesting you to remove the clause	As per RFP LLB will be a gateway device and it should be security enabled and security tested for internet/network connectivity.
10	ANNEXURE-VII / 3 / Pg No. 25	<ol style="list-style-type: none"> 1. Minimum 4X1/10G RJ45 ports and 4x1/10G ports populated with 1G/10G SFP from Day 01 2. Maximum Concurrent Connections: ≥35 Million 3. Layer 4 - 450K and Layer 7 - 900K connection/requests per second 4. The proposed hardware must support minimum 15 Gbps of SSL throughput (bulk encryption) 5. Should provide at least 30 Gbps of L4 throughput. 6. Appliance must provide minimum SSL TPS of 25K TPS with RSA 2K keys and 14K TPS with ECC ECDSA P-256 7. Appliance should have minimum memory of 	<p>Requesting clarification on the Layer 7 - 900K connections/requests per second against SSL TPS of 25K TPS</p> <p>The required L7 CPS is very high as compared to the SSL TPS of 25K.</p> <p>Requesting you to modify the L7 CPS.</p>	As per RFP

		64GB for smooth network operations		
11	ANNEXURE-VII/ 18/ Pg No. 26	Specific portions of the cache can be discarded without restarting the server, Must support configurable NATing – both static and dynamic.	<p>The solution must support configurable NATing – both static and dynamic.</p> <p>Clarification - OEM specific feature asked in the specification. So we would like to request the honourable tendering committee to amend the clause as requested as it will not impact the performance or overall functionality requirement of the RFP.</p>	This clause modified " The solution must support configurable NATing – both static and dynamic."
12	ANNEXURE-VII / 22 / Pg No. 27	OEM should be present in Gartner leaders quadrant for ADC solution as per last published report.	<p>OEM should be present in Gartner leaders quadrant for ADC solution as per last published report. Or OEM should be listed among top 3 in IDC for ADC vendor in India any of the last 2 years reports</p> <p>Clarification - We would like to request the honourable tendering committee to amend the clause as requested for wider participation.</p>	As per RFP. Gartner clause make sure only reputed global solution provider eligible for bidding.
13	ANNEXURE-VII / 23 / Pg No. 27	Solution should be EAL/NDcPP certified.	<p>Solution should be CISPR 22/ICES-003/EAL2 / NDcPP certified.</p> <p>Clarification - We would like to request the honourable tendering committee to amend the</p>	As per RFP LLB will be a gateway device and it should be security enabled and security tested for internet/network connectivity.

			clause as requested for wider participation.	
14	1.7 Qualification Criteria / 1.7.2 / Pg No. 6	The bidder should have executed similar work of a single order for Rs: 1 Cr. or 2 orders each of value Rs:45 lakh or 3 orders each of value Rs:30 lakh during last 3 years Or, cumulative orders of value Rs:2 Cr. Copy of work order to be submitted in this regard.	Kindly amend "The bidder/OEM should have executed similar work of a single order for Rs: 1 Cr. or 2 orders each of value Rs:45 lakh or 3 orders each of value Rs:30 lakh during last 3 years Or, cumulative orders of value Rs:2 Cr. Copy of work order to be submitted in this regard."	Agreed
15	Page 14-15	90% Payment shall be released within 45 days from the date of submission of error free invoice, duly certified from authorized person from TPSODL post supply and installation. 10% Payment shall be released within 45 days from the date of submission of error free invoice, duly certified from authorized person from TPSODL post warranty period completion.	Kindly request you amend this clause as" 100% payment shall be released within 45 days after successfully delivery & installation". As per the Tender document Bidder have to submit the PBG of 10% for whole 7Year +6 Months,also you are holding 10% of payment which will be released post warranty period completion.	As per RFP
16	ANNEXURE- VII	11 The proposed solution must support global server load balancing between DC and on-premise/cloud based DR and must understand following DNS Record type for LLB - All (A, AAAA,CNAME, DNAME, HINFO, MX, NAPTR, NS, PTR, SOA, SRV, TXT)	Kindly clarify all the mentioned DNS record type required from day one.	Yes, All mentioned record type should be included from day one.

17	ANNEXURE-VII	Add Clause	<p>Should support virtualization with its own hypervisor (NOT any third party or open source) that virtualizes the Device resources—including CPU, memory, management and configuration. The proposed device should have 2 Virtual Instances from Day 1 scalable to 4 using license upgrade.</p> <p>Solution should have multi-tenancy or virtualisation for supporting different department with in customer use similar solution with its own tenant and access rights.</p>	As per RFP
18	ANNEXURE-VII	Add Clause	<p>The Solution appliance should be hardened device from OEM. It should not used for any thrid party/open source software.</p> <p>The solution should be secured and it should not be compomised due to third party software solutions.</p>	As per RFP
19	ANNEXURE-VII	Add Clause	<p>The Link Load Balancer shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 or equivalent Indian Standards like IS-13252 (Part 1):2010 for Safety requirements of Information Technology Equipment.</p> <p>Regularatory compliance is not mentioned. Theses are mandate certificates.</p>	As per RFP

20	ANNEXURE-VII	Add Clause	TheLink Load Balancer shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B or equivalent Indian Standards like IS 6873(Part 7):2012 for EMC (Electro Magnetic Compatibility) requirements.	As per RFP
21	ANNEXURE-VII	Add Clause	OEM should be publicly listed company and should not be listed in CHINA and ROC.	As per RFP
22	ANNEXURE-VII	Add Clause	OEM should be present in india for last 15 years and should be profitable with positive free cash flow.(Required balance sheet should be submitted) Please consider this point to identify stable OEM solution for long term support.	As per RFP

Thanks and Regards,

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