

Corrigendum - III

Supply, Installation, Testing & Commissioning for Cloud Infrastructure
i.e. Storage, Backup, VPN, Security System of
Data Center (DC & DR), etc. of RailTel



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In reference to Tender for **Supply, Installation, Testing & Commissioning for Cloud Infrastructure i.e. Storage, Backup, VPN, Security System of Data Center (DC & DR), etc. of RailTel** against Tender No. **RAILTEL/TENDER/OT/CO/ ITP/2022-23/DC Infra Solution/002** dated **07.12.2022**, all are advised to note following changes in the tender document:

SN	Pg. No.	RFP Clause No	RFP Clause	Revised Clause
1.	5	Chapter-1, Offer Letter	I/We offer to supply various equipment at the rates quoted in the attached schedules and hereby bind myself/ourselves to complete the work within 120 days from the date of issue of Purchase Order/LOA	I/We offer to supply various equipment at the rates quoted in the attached schedules and hereby bind myself/ourselves to complete the work within 180 days from the date of issue of Purchase Order/LOA
2.	15	Point No 2 (iv) of Design Considerations of Chapter-3-A.	Veeam is the existing incumbent in the Backup Space. It would be recommended to have Backup Solution co-exist with incumbent solution and enhance the backup capacity. However, bidder may propose any other backup solution which needs to be integrated with existing backup solution i.e. Veeam Backup Solution or propose entirely a new backup solution comprising existing and proposed solution capacity	Deleted
3.	16	Point No 3 (vi) of Scope of work of Chapter-3-A	Bidder has to ensure that proposed backup Software shall be able to integrate seamlessly with existing Backup solution for a wholistic view and Management. However, bidder may propose the new to backup solution, in case of new backup solution bidder needs to integrate the same with existing backup solution or propose entirely a new backup solution comprising existing and proposed solution capacity	Deleted
4.	20	Point No. 3 of SOR-2, Backup Solution, clause-4 of CHAPTER-3-A.	The proposed backup appliance should be provided with dual processors each with a minimum of 24 cores	The proposed backup appliance should be provided with dual processors each with a minimum of 64 cores.
5.	19	Point No. 2 of SOR-2, Backup Solution, clause-4 of CHAPTER-3-A.	The proposed appliance should be provided with a minimum of 1 TB RAM.	The proposed appliance should be provided with a minimum of 700 GB RAM scalable up to 2 TB.
6.	20	Point No. 12 of SOR-2, Backup Solution, clause-4 of CHAPTER-3-A.	The appliance should be provided with dual, hot-plug, redundant power supplies.	The appliance should be provided with dual, hot-plug, redundant power supplies and dual controller etc. There should be no single point of failure in the proposed solution.

SN	Pg. No.	RFP Clause No	RFP Clause	Revised Clause
7.	20	Point No. 20 of SOR-2, Backup Solution, clause-4 of CHAPTER-3-A.	The proposed backup appliance should offer a cybersecurity solution that include (a) Signature-based and signatureless next-gen machine-learning AV engine. (b) Behavior analysis for ransomware detection and protection with encryption rollback. (c) Category-based application control and whitelisting (d) Peripheral device control and much more	The proposed backup appliance should offer a cybersecurity solution that include behavior analysis for ransomware detection and protection with encryption rollback and integration with all major antivirus engines.
8.	39	Point No. 4 of SOR-6, Rack Server (CPU) of CHAPTER-3-A.	Configured CPU Should be populated with 2 Nos. of Intel Xeon GOLD CPU architecture or latest, each CPU should be 24 core and 2.4 GHz or better.	Configured CPU Should be populated with 2 Nos. of latest generation Intel Xeon GOLD CPU, each CPU should be 24 core and 2.4 GHz or better.
9.	39	Point No. 8 of SOR-6, Rack Server (RAID Controller) of CHAPTER-3-A.	12 Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50 with at least 8 GB cache	12Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50 with at least 4 GB cache.
10.	39	Point No. 9 of SOR-6, Rack Server (Disks configured) of CHAPTER-3-A.	At least 2 nos. of 480 GB flash drive/Read intensive SSD-SATA in mirrored configuration for OS 2 nos. of 3.84 TB SSD for Caching 6 nos. 12TB 12Gbps 7.2K RPM NL-SAS/SAS drives for Capacity	At least 2 nos. of 480 GB flash drive/read intensive SSD-SATA / M.2 SSD drives in mirrored configuration for OS. 2 nos. of 3.84 TB SSD for Caching 6 nos. 12 TB 12 Gbps 7.2K RPM NL-SAS/SAS drives for Capacity
11.	39	Point No. 17 of SOR-6, Rack Server, (Disks configured) of CHAPTER-3-A	 * Zero-touch repository manager and self-updating firmware system using AI/ML.	 * Zero-touch repository manager and self-updating firmware system.
12.	39	Point No. 17 of SOR-6, Rack Server, (Disks configured) of CHAPTER-3-A	 * Server management system should provide an alert in case the system is not part of OEM Hardware Compatibility list & should provide anti counterfeit and Server warranty status.	 * Server management system should provide an alert in case the system is not part of OEM Hardware Compatibility list & should provide anti counterfeit focality or equivalent and Server warranty status.
13.	41	Point No. 17 of SOR-7, SAN Storage of CHAPTER-3-A	The proposed storage system should support at least 64000 LUNs or volumes.	The proposed storage system should support at least 6000 LUNs or volumes.

SN	Pg. No.	RFP Clause No	RFP Clause	Revised Clause
14.	40	Point No. 1 of SOR-7, SAN Storage of CHAPTER-3-A	The offered storage should be configured with 2 controllers as true symmetric active-active controllers in HA with capability to scale out in future to min 8 controllers (Provisioning of SAN & NAS configuration from day1.)	The offered storage should be configured with 2 controllers as true symmetric active-active controllers in HA with capability to scale out in future to min 8 controllers (Provisioning of SAN & NAS configuration.)
15.		Added New point no 31 under SOR-7 SAN Storage of CHAPTER-3-A.		Solution should have capability for ensuring the integrity of files/data/volume from Day-1.
16.		Added New point no 29 under SOR-8 NAS Storage of CHAPTER-3-A.		Solution should have capability for ensuring the integrity of files/data/volume from Day-1.
17.	17	CHAPTER-3-A, Clause-4 Technical Requirement SOR-1 Secure Remote Access VPN, S.N. 9- Point No.- 10	The solution must be in high availability mode with Active-Active and Active- Standby clustering feature. It should support standard VRRP for high availability.	The solution must be in high availability mode with Active-Active and Active- Standby clustering feature. It should support standard VRRP or equivalent for high availability.
18.	18	CHAPTER-3-A, Clause-4 Technical Requirement SOR-1 Secure Remote Access VPN, S.N. 9- Point No.- 33	The solution should support SDK for IOT devices.	The solution should support SDK/API for IOT devices.

The last date of submission of bids is also extended from 25.01.2023 to 27.01.2023. Tender will be opened at 15:30 Hrs. on 27.01.2023.

The response of queries is attached as Annexure-I. All other term & conditions of tender documents will remain same.


(Haritima Jaipuria)
General Manager/ITP