Corrigendum-I

Sub: **Supply, Installation, Testing & Commissioning of Data Center Infrastructure at DC & DR of RailTel**

Ref: i)   **Tender No. RAILTEL/TENDER/OT/CO/ ITP/2025-26/ DC-DR Infra/014 dated 19.06.2025**

          ii)   **Pre-bid Conference held on 26.06.2025**

1. In reference to the above mentioned open tender, pre-bid conference was held on 26.06.2025.

2. Based on the queries submitted/raised by prospective bidders and discussions held during pre-bid conference, "Response to Pre-bid queries" **as Annexure-I** and following "amendments" to the tender conditions are being issued:

SN	Tender Clause	Original Clause	Amended Clause
1	**Clause no. 5, Payment Terms, Chapter-4, Commercial Terms & Conditions**		
i)	Sub Clause 5.2)	15% payment of the value of part Supply item of the PO shall be made by RailTel on successfully Installation & Commissioning at site based on SAT Report issued by RailTel DC Team, 5% payment of value of Supply items of the PO on issue of Provisional Acceptance Certificate (PAC) /Part PAC and the last 5% payment of the value of Supply items of the PO shall be made by RailTel on issue of Final Acceptance Certificate (FAC)**.**	**15% payment** of the value of part **Supply item** of the PO and **90% payment** of the value of **Services items** of the PO shall be made by RailTel on successfully Installation & Commissioning at site based on SAT Report issued by RailTel DC Team, **5% payment** of value of **Supply & Services items** of the PO on issue of Provisional Acceptance Certificate (PAC) /Part PAC and the last **5% payment** of the value of **Supply & Services items** of the PO shall be made by RailTel on issue of Final Acceptance Certificate (FAC) **.**
2	**Clause 5.1, SOR-A (1) Rack Servers of Chapter-3A of tender Document**		
i)	Point no. 5) of SN-1 (General Requirement)	Server OEM should be under Gartner leader Magic quadrant in last available report.	Deleted
ii)	SN 7 (Disks supported)	Front drive bays: Up to 12x 3.5" SAS/SATA/SSD	Front drive bays: Atleast 12x 2.5" SAS/SSD
iii)	SN 8 (RAID Controller)	12Gbps 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 8 GB cache, with pass through mode.
iv)	Point no. 3) of SN 9 (Disks configured)	64 TB Usable SSD Storage	64 TB Usable SSD Storage with FTT1 & RAID1

3. The last date of submission of bid is extended from **11.07.2025 to 21.07.2025 up to 15:00 Hrs**. All the submitted bids will be opened at **15:30 Hrs. on 21.07.2025**.

All other terms and conditions of the tender remain unchanged.

(Arun Singh Rawat)
GM/Project

Annexure-I

Response to Pre-bid Queries of E-Tender No. RAILTEL/TENDER/OT/CO/ITP/2025-26/DC – DR Infra/014 for "Supply, Installation, Testing & Commissioning of Data Centre Infrastructure at DC & DR of RailTel"

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
A	M/s Dell						
1	10	3A	1	3) SAP Certification: Server should be SAP HANA certified 4 vSAN Certification: Server should be vSAN certifed	Pls clarify as to the actual utilization of these servers; whether you need to deploy VSAN or SAP HANA, or as bare metal.	Adherence to SAP's certification matrices is critical for supportability and optimal performance. Sizing should be determined using SAP Quick Sizer for HANA. For virtualized deployments (VMware, Hyper-V, Nutanix, etc), it is recommended to follow hypervisor-specific best practices for vCPU/pCPU mapping, memory reservation (no overcommit), and VM storage/network pass-through. For example Red Hat Virtualization (RHV) is NOT explicitly listed as a certified hypervisor on Latest Gen Servers, but RHEL and OpenShift are natively supported. Hence clarity is requested on the actual deployment	Tender clause is clear.
2	10	3A	4	Configured CPU Should be populated with 2 Nos. of Intel Xeon GOLD CPU architecture or latest, each CPU should be 64 core and 2.4GHz or better.	Please note that in Intel 4th Gen Processor, max cores available is 60 cores @ 2 GHz which is a Platinum processor, while in the 5th Generation max cores available is 64 core @ 1.9 GHz which is again a Platinum processor. Hence request to change it as "Configured CPU Should be populated with 2 Nos. of Intel Xeon 5th Generation Platinum CPU architecture or latest, each CPU should be 64 cores @ 1.9GHz or better."	Requsting change due to limitation on the availability of the asked processor in Intel Series.	Tender clause is clear.
3	10	3A	7	Front drive bays: Up to 12x 3.5" SAS/SATA/SSD	Asked HDD are SSD which come in 2.5" form factor; hence request to change the clause as "Front drive bays: Up to 16 or more 2.5" SAS/SATA/SSD"	Request the change to accommodate the type of drives asked	Corrigendum-I shall be read.
4	10	3A	8	12Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50 with at least 8 GB cache.	The asked RAID Controller will not work with a VSAN Environment. Note that vSAN typically requires the RAID controller to be set in pass-through (HBA) mode or RAID 0 mode for each disk. This allows vSAN to manage the disks directly	Kindly clarify the environment in which these servers need to be deployed	Corrigendum-I shall be read.
5	10	3A	9	1) At least 2 nos. of 960 GB flash drive/Read intensive SSD SATA in mirrored configuration for OS.	Kindly revise the clause as "1) At least 2 nos. of 960 GB flash drive/M.2 Drives/ Read intensive SSD SATA in mirrored configuration for OS."	For Operating System M.2 Drives i.e NVMe SSD Drives are preferred, the two M.2 NVMe SSDs are intended primarily for hosting the operating system (OS) hence the change requested.	Tender clause is clear. As Flash Drive is already mentioned bidder may provide M.2 drives
6	10	3A	9	2) 2 nos. of 3.84 TB SSD for Caching	Kindly revise the clause as "2) 2 nos. of 3.84 TB SSD SATA Read Intensive 6Gbps for Caching"	Requesting change for better clarity	Tender clause is clear.
7	10	3A	9	3) 64 TB Usable SSD Storage	Kindly revise the clause as "3) 64 TB Usable (in RAID 5) SSD SAS Read Intensive up to 24Gbps Storage"	Requesting change for better clarity	Corrigendum-I shall be read.
8	10	3A	12	2 x 32Gbps FC ports with fully populated optical modules from day one	We understand that 1* DP 32Gbps FC HBA card is to be proposed. Kindly confirm	Confirmation requested	Tender clause is clear
B	M/s Polycab						
1	53	4	12.1(2)	#Definition of similar category products: Supply, installation and commissioning of Data Center Hardware/Software Solution items in Government / PSUs / Telecom Service Providers network/ISP Network/Cloud Service Provider Network/ Public listed company.	We request RailTel to do minor modifications (as suggested below) in the definition of similar category products: #Definition of similar category products: Supply, installation and commissioning of Data Center Hardware/**NOC Hardware**/Software Solution items in Government / PSUs / Telecom Service Providers network/ISP Network/Cloud Service Provider Network/ Public listed company.	Network Operations Center (NOC) generally use to be part of large telecom turnkey projects and consisit of similar networking equipments / solution as required in Data Center. Adding NOC in the definition of 'similar category products' will make more bidders qualify to participate in the tender.	Tender clause is clear

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
2	53	4	12.1(2)	Eligibility Criteria Requirements Technical Capability: The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: i) One similar work each costing not less than the amount equal to 60% of advertised value of the tender (i.e. Rs. 39.81 Cr), or ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender (i.e. Rs. 26.54 Cr.), or iii)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender (i.e. Rs. 19.90 Cr.) Note: Completion of work should fall in the above period. The bidder shall also furnish work completion/ substantial work completion certificate issued by customer/s for the Purchase Orders/ Work Orders. Substantial completion shall be 80% (value wise) or more works completed under the contract.	We understand multiple Work Orders issued against one Project shall be counted under one similar work. Please confirm.	In large turnkey projects, customer, generally use to issue LOA or sign the Contract Agreement and thereafter issue multiple Work Orders against the same project/LOA.	Tender clause is clear.
3	53	4	12.1(2)	Eligibility Criteria Requirements Technical Capability: The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: i) One similar work each costing not less than the amount equal to 60% of advertised value of the tender (i.e. Rs. 39.81 Cr), or ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender (i.e. Rs. 26.54 Cr.), or iii)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender (i.e. Rs. 19.90 Cr.) Note: Completion of work should fall in the above period. The bidder shall also furnish work completion/ substantial work completion certificate issued by customer/s for the Purchase Orders/ Work Orders. Substantial completion shall be 80% (value wise) or more works completed under the contract. Supporting Document Required - Completion certificates with Satisfactory working and value of the work completed from the User Organizations is required to be submitted. - The copy of Purchase Order is required as supporting document. In case of substantially completed work, certificate from user for bidder share regarding total value of bidder's share of work and value of completed work (minimum 80% of total value of bidder's share of work) is required to be submitted.	Please note that as per this eligibility criteria - Tenderer must have successfully completed similar work during last 7 years. Even experience of substantially completed work is also accepted subjected to submission of certificate from user. But in supporting documents requirement, tenderer is also instructed to submit satisfactory working certificate which we believe is not required. Request you to please amend the first para under 'supporting document requirement' as follows:- Eligibility Criteria Requirements Completion/ substantial work completion certificates with ~~Satisfactory working and~~ value/percentage of the work completed/substantially completed from the User Organizations OR copy of WO along with proof of payment received against execution of work is required to be submitted.	Submission of Satisfactory working certificate is already asked from proposed OEM against one of the eligibility criteria. Hence, as per our understanding tenderer need not to submit Satisfactory Working certificate from End User.	Tender clause is clear
4	58	4	16.2.1	RailTel would also enter into Rate Contract with the firm to whom the contract is awarded for catering to additional requirement of Equipment /system/solution as and when arise in future. Rate Contract on the successful tenderer would be placed separately and would be operative from the date of PAC and would be valid for a period of 12 months.	We understand that Rate Contract for 12 monthls would be applicable only after PAC on mutual agreement between RailTel and contractor. Please confirm.	It is important to understand and know about quantity and size of the project befor entering into Rate contract.	Yes, Understanding is correct
5	6	2	Note II	Detailed BOM of each SOR item supplied under the contract shall be submitted along with the bid and the same shall be duly vetted by the OEM.	As bidder need to submit consolidated BOM, it is quite difficult to submit duly vetted BOM from each proposed OEM. Detailed consolidate BOM should be signed and submitted by Bidder only. Please allow.	OEM use to modify the BoM of the networking products till last moment of bid submission as per the changes in proposed solution.	Vetted means, BOM of respective item should have consent of OEM, wherever applicable.
6	6	2	Note XIV	The bidder shall provide maintenance support from the respective OEM(s) for 4 years after the successful completion of the warranty obligations. The AMC cost for all four years (1st to 4th year) shall be considered for evaluation purposes. Note: RailTel may or may not ask for AMC of any or all the items of PO as per RailTel's requirement. AMC PO/LOA shall be issued on yearly basis as per the RailTel's requirement.	We request RailTel to confirm about the AMC requirement at the initial stage.	AMC cost has financial impact on the overall project.	Tender clause is clear

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
7	71	5	2	Warranty Period: The warranty would be valid for a period for 48 months from the date of System Commissioning (PAC). For item(s) that cannot be installed for want of site readiness at RailTel end as per the decision of the Contract Management Authority, the warranty would be 48 months from the original DOC.	Does this warranty period is applicable for all SOR product? Please elaborate.	For better clarity on warranty terms	Tender clause is clear
8	.-	.-	.-	General	Please confirm whether Bidder can propose two make & Model or not.		Against each SOR item, bidder may offer single make/OEM.
9	48	4	5	Payment Terms. 5.1) Payment shall be made in Indian Currency (Rs.) 75% payment of the value of the supply items would be made on receipt of material by the consignee 5.2) 15% payment of the value of Supply items of the PO shall be made by RailTel on successfully Installation & Commissioning at site based on SAT Report issued by RailTel DC Team, 5% payment of value of Supply items of the PO on issue of Provisional Acceptance Certificate (PAC) and the last 5% payment of the value of Supply items of the PO shall be made by RailTel on issue of Final Acceptance Certificate (FAC) 20% payment of value of supply items...	As single price is asked for 'Supply and Installation & Commissioning of Items', we understand the phrases 'the value of the supply items' in this clause should be read as 'the value of the supply SOR items (supply as well as services)' only. Please confirm.	Clearifications required for better understadning of Payment Terms and Price Offering.	Corrigendum-I shall be read.
C	M/s SISL						
1	5	CHAPTER- 2		SOR/Point No. 4 Enterprise Linux License as per Technical Specification given in Chapter-3 A. **Nos 20**	As per SOR, 22 physical servers are to be supplied, while only 20 Enterprise Linux licenses are requested. Please confirm that no operating system (OS) licenses are required for the remaining 2 servers.		Tender clause is clear
2	28	CHAPTER-3-A		5.4 SOR-A (4) (Enterprise Linux License) Most of the existing applications of customers hosted in RailTel's Data Centre are running on RHEL. Proposed Enterprise Linux License must be compatible with existing application without any change in source code.	To evaluate the feasibility of using an alternate Enterprise Linux , we request a list of applications currently deployed on RHEL, along with any known OS-level dependencies and compatibility constraints. This will allow us to validate interoperability without impacting application performance or supportability. Without these details, it will not be possible for other Linux OEMs to submit a viable bid.		Approx 70% RHEL, 20% Suse & 10% oracle linux are currently in use
3	54	CHAPTER 4		12.1. Eligibility Criteria for Bidder/Page No 54 Bidder should have authorization specific to this tender from respective OEM as per format at Form No. 4.	As per the tender, the bidder is required to submit Manufacturer Authorization Forms (MAF) from respective OEMs as per Form No. 4 Kindly clarify which specific items under the Schedule of Requirements (SOR) require submission of MAF.		MAF of all the OEM is required
D	M/s ITWings						
1	28	CHAPTER-3-A		Under clause 5.4 SOR-A (4) (Enterprise Linux License): Most of the existing applications of customers hosted in RailTel's Data Centre are running on RHEL. Proposed Enterprise Linux License must be compatible with existing application without any change in source code.	Please provide existing application which are running in the DC environment	To prepare the Technical solution	Approx 70% RHEL, 20% Suse & 10% oracle linux are currently in use
2	6	CHAPTER- 2 SOR		Under clause no. XIV : The bidder shall provide maintenance support from the respective OEM(s) for 4 years after the successful completion of the warranty obligations. The AMC cost for all four years (1st to 4th year) shall be considered for evaluation purposes.	Warranty terms are Four Years but in some product it is 24x7x 365 and in some it is NBD. You are requested to modify the warranty terms to either 03 or 05 years	Standard Warranty provided By OEM are either three years or Five Years. Kindly change the warranty terms to either 03 or 05 years	Tender clause is clear
3	12	CHAPTER- 2 SOR		For 5.1 SOR-A (1) (Rack Servers): 4 years comprehensive OEM warranty with NBD Support.	Warranty terms are Four Years but in some product it is 24x7x 365 and in some it is NBD. You are requested to modify the warranty terms to 24*&*365 for all SOR items	As the Data center environment host critical applications, it is suggested to modify the warranty terms to 24*7*365 for all SOR items	Tender clause is clear
4	28	CHAPTER- 2 SOR		For SOR-A (3) (Site Recovery Solution)Point no. 20 : DR Automation: The solution should be with the same OEM as proposed in Cloud Solution, the same should also be integrated with existing as well as proposed cloud solution.	Please provide existing cloud solution and infrastructure	To prepare the Technical solution	Tender clause is clear. It is meant for proposed cloud solution.
E	M/s HPE						
1	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Front drive bays: Up to 12x 3.5" SAS/SATA/SSD	Request to amend clause as Front drive bays: Up to 24x 2.5" SAS/SATA/SSD	3.5 inch drive form factor is basically used for high capacity SATA or NLSAS drives however asked caapcity is on SSD hence request you to change the drive bay type to 24x2.5 SAS/SATA/SSD.	Corrigendum-I shall be read.

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
2	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	3) 64 TB Usable SSD Storage	For point 3- For data protection please clarify FTT or replication factor to calculate usable capacity.		Corrigendum-I shall be read.
3	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	9) Server management software shall be able to provide central management for Servers running at DC & DR	Request to amend clause as 9) Server management software shall be able to provide central management for Servers running at DC & DR and the Server Management Software should be of the same brand as of the server supplier.	It is always recommended to have management software from same vendor who is providing server to avoid any kind of integration issue with third party tools.	Yes, Understanding is correct.
4	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Additional Clause	Request to add this Point: Sanitize Data with One-Button Erase: Proposed server must be NIST SP 800-88 compliant. Must be NIST SP 800-53, NIST SP 800-171, and NIST SP 800-88 Compliant for higher security Levels.	In current scenario server security is most sensitive and important factor. One need to plan security not only from current visible threats but also from new upcoming technologies like quantum computing etc. These technologied would have much more capabilities and higher risks as well. Hence we need to fence servers with adequate security which can safeguard against latest and upcoming technologies.	Tender requirement is clear.
5	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Additional Clause	Request to add this Point: Secure Firmware Upgrade 1. Should have dashboard for firmware baselines while performing minimum required firmware checks and highlighting out-of-compliance devices for updates with the selected firmware baseline. 2.Should maintain repository for firmware and driver's recipes to aid rollback or patching of compromised firmware. Should also store Factory Recovery recipe preloaded to rollback to factory tested secured firmware. 3. Physically Tamper-Resistant independent security system outside remote management ASIC, designed to meet FIPS 140-3 Level 3 hardware protection requirements. 4. Firmware verification and recovery—Run scheduled firmware verification scans and configure recovery actions to implement when an issue is detected. Recovery must be till last known good state.	This feature can help in managing the firmware & compliances better. This feature will ensure server and its components are running on latest and greatest versions to secure the surface area against attack.	Tender requirement is clear.
6	12	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	4 years comprehensive OEM warranty with NBD Support.	Request to amend clause as 5 years comprehensive OEM warranty with NBD Support.	Asked 4 years support is not standard tenure hence request you to change the clause either to 3 years or 5 years.	Tender clause is clear
7	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	5) Server OEM should be under Gartner leader Magic quadrant in last available report.	Please remove this clause	As Gartner leader Magic Quadrant is for Servers is not available now hence request you to please remove this clause	Corrigendum-I shall be read.
8	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Configured CPU Should be populated with 2 Nos. of Intel Xeon GOLD CPU architecture or latest, each CPU should be 64 core and 2.4GHz or better.	Request to amend clause as Configured CPU Should be populated with 2 Nos. of Intel Xeon Platinum CPU architecture or latest, each CPU should be 64 core 2.2GHz.	Request to change clock speed to qualify in MII clause. As of now we do not have option available for 2.4GHz with MII option. Also as of now AMD based servers are also not qualified under MII.	Tender clause is clear. Bidder may offer Platinum CPU architecture.
9	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Front drive bays: Up to 12x 3.5" SAS/SATA/SSD	Request to amend clause as Front drive bays: "Front drive bays: Up to 12x 2.5" or 3.5" SAS/SATA/SSD or better".	3.5 inch drive form factor is basically used for high capacity SATA or NLSAS drives however asked caapcity is on SSD hence request you to change the drive bay type to "Front drive bays: Up to 12x 2.5" or 3.5" SAS/SATA/SSD or better".	Corrigendum-I shall be read.
10	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	3) 64 TB Usable SSD Storage	For point 3- request you to please confirm RAID level to propose 64TB usable capacity.	Raid level is required to size usable capacity hence request your input.	Corrigendum-I shall be read.
11	10	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Up to 8x PCIe Gen4 slots or latest	Request to amend clause as 8x PCIe Gen5.0 x16 Slots	Railtel has always been adopting latest technology and same is being mentioned in CPU clause and same should be followed for PCIe slots. Not specifying PCIe 5.0 would be defeating the goal of extracting benefits of Gen4 CPU based systems. Please note PCIe 4.0 slot has max. bandwidth of 16GT/s while PCIe 5.0 would have double bandwidth of pcie 4.0. PCIe 5.0 provide additional PCIe lanes for direct access to CPU lanes for GPU and SSD/NVME drives. Request you to consider PCIe5.0 based slot to realize performance benefits & investment return of latest generation PCIe technology being offered by Intel system. To have best utilization of investment being made and performance PCIe slots should be of x16 bus width.	Tender clause is clear

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
12	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	Microsoft Windows Server, Hyper-V, VMWare, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES) etc	Request to amend the clause as" Microsoft Windows Server 2025(64bit), Hyper-V, VMWare 9.x, Red Hat Enterprise Linux (RHEL) 10.x, SUSE Linux Enterprise Server (SLES) 15. Same should be certified and available at OS OEM website"	No OS version is asked. To make sure every one is proposing latest OS version to avoid end of Support or at the verge of end of mainstream support. Request to specify latest operating system so that system can be safely run the latest OS with latest security patches.	Tender clause is clear
13	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	1) System should support multiple management interface like Web UI / CLI / XML API.	Request to amend clause as 1) System should support multiple management interface like Web UI, CLI, XML API.	Instead of having any one it is always recommended to have all the interfaces hence we are requesting you to amed the clause to "System should support multiple management interface like Web UI, CLI, XML API".	Tender clause is clear
14	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	9) Server management software shall be able to provide central management for Servers running at DC & DR	Request to amend clause as 9) Server management software shall be able to provide central management for Servers running at DC & DR and the Server Management Software should be of the same brand as of the server supplier.	It is always recommended to have management software from same vendor who is providing server to avoid any kind of integration issue with third party tools.	Yes, Understanding is correct
15	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	5) Zero-touch repository manager and self-updating firmware system using AI/ML.	Request to amend clause as Zero-touch repository manager and self-updating firmware system.	We are requesting this amendment for wider participation as this can can limit the participation.	Tender clause is clear
16	11	Chapter-3-A	5.1 SOR-A (1) (Rack Servers)	6) The server should support industry standard management protocols like IPMI v2 and SNMP v3 and Redfish v1.01	Request to amend clause as The server should support industry standard management protocols like IPMI v2 and SNMP v3 and Redfish v1.6	Railtel has always been adopting latest technology hence we recomment to amend this clause to latest avaiable version of redfish.	Tender clause is clear
F	**M/s APLUS**						
1	28	CHAPTER-3(A)		5.4 SOR-A (4) (Enterprise Linux License) Most of the existing applications of customers hosted in RailTel's Data Centre are running on RHEL. Proposed Enterprise Linux License must be compatible with existing application without any change in source code.	Request clarification if only Red Hat Enterprise Linux (RHEL) is acceptable, as the clause requires compatibility without any change in source code—effectively limiting the scope to RHEL only.		Tender clause is clear
G	**M/s Integre Solutions**						
1	28	CHAPTER-3-A		5.4 SOR-A (4) (Enterprise Linux License) Most of the existing applications of customers hosted in RailTel's Data Centre are running on RHEL. Proposed Enterprise Linux License must be compatible with existing application without any change in source code.	To evaluate the feasibility of using an alternate Enterprise Linux , we request a list of applications currently deployed on RHEL, along with any known OS-level dependencies and compatibility constraints. This will allow us to validate interoperability without impacting application performance or supportability. Without these details, it will not be possible for other Linux OEMs to submit a viable bid.		Approx 70% RHEL, 20% Suse & 10% oracle linux are currently in use
H	**M/s Vcare Infotech**						
1	52	Chapter 4	12.1	Technical Capability: The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: i) One similar work each costing not less than the amount equal to 60% of advertised value of the tender (i.e. Rs. 39.81 Cr.), or ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender (i.e. Rs. 26.54 Cr.), or iii)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender (i.e. Rs. 19.90 Cr.)	We request to kindly allow One similar work each costing not less than the amount equal to 15% of advertised value of the tender (i.e. Rs. 9.9 Cr), or ii)Two similar works each costing not less than the amount equal to 12% of advertised value of the tender (i.e. Rs. 7.9 Cr.), or iii)Three similar works each costing not less than the amount equal to 10% of advertised value of the tender (i.e. Rs. 6.6 Cr.) for more bidder participation.	This change will enable a wider pool of competent bidders with relevant experience to participate and enhance competitiveness, while still ensuring technical quality and capability.	Tender clause is clear
2	53	Chapter 4	12.1	Financial Capability: The bidder should have minimum cumulative turnover in the previous three financial years and the current financial year, at least 150% (i.e. Rs. 99.53 Cr.) of the advertised value of the tender.	Kindly allow The bidder should have minimum average turnover in the last 3 years is 55 Cr for more bidder participation.	This change will enable a wider pool of competent bidders.	Tender clause is clear
I	**M/s Broadcom**						
1	29	5.5	2.1	Build Backup as a Service capability for cloud workloads	Please confirm which backup OEM solution is implemented in RailTel Data Centre that needs to be integrated for creation of Backup as a Service workflow		All major backup OEM like Veeam, cohesity, commvault etc.
2	30	5.5	2.2	Build Disaster Recovery as a Service capability for cloud workloads	Please confirm which Disaster Recovery Management OEM solution solution is implemented in RailTel Data Centre that needs to be integrated for creation of Disaster Recovery as a Service workflow		Need to be integrate with Site recovery manager, Carbonite etc.
3	30	5.5	2.3	Integrate the cloud management platform with external load balancer	Please confirm LB make/model/OEM implemented in RailTel Data Centre that needs to be integrated for creation of LB as a Service workflow		Need to be integrate with F5 loadbalancer

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
4	30	5.5	2.4	Integrate with external WAF for automated provisioning of LB	Please confirm WAF make/model/OEM that needs to be integrated for this use case. Is WAF and LB avaiable as one appliance/solution in RailTEL DC or are different appliances?		Need to be integrate with F5 WAF. Both are on same device.
5	30	5.5	2.7	Configure workflows for Storage as a Service for SAN(Block), NAS(File), Object Storage.	Please confirm make/model/OEM for these storage types that needs to be integrated for this use case. Pls specify the capabilities required for the 3 types of storage.		Need to be integrate with Hitachi Vantara, HPE storage etc.
6	30	5.5	3	All mandatory vRA workflows and blueprints required for MeitY CSP compliance must be designed, developed, and tested by the OEM team.If any workflows or blueprints already exist in the current setup, the OEM is responsible for validating and testing them to ensure full alignment with MeitY compliance requirements	We understand that all vRA workflows and blueprints that are required for MeiTY CSP compliance are already in place in RailTel cloud setup. As part of this RFP's scope those existing workflows and blueprints can be validated and tested to ensure therr functioning. Please confirm the details if there are any additional new workflows expected to be developed for MeiTY CSP compliance.		Tender clause is clear. Tender requirement must be fulfilled in any case.
7	25, 33	5.2 5.6	118 6	OEM should provide Professional level training in vCF (Customized as per RailTel requirement) to at least 12 Persons and certifications to at least 5 persons. 6. Training i) ii) OEM to deliver training for five (5) RailTel team members.	Please confirm if training venue will be provided by RailTel along with laptop/desktop and internet connectivity as required.		Yes, RailTel may provide in case bidder wants training at RailTel Place.
8	25, 33	5.2 5.6	118 6	OEM should provide Professional level training in vCF (Customized as per RailTel requirement) to at least 12 Persons and certifications to at least 5 persons. 6. Training i) ii) OEM to deliver training for five (5) RailTel team members.	Please ammend "OEM certified trainer should provide Professional level training in vCF (Customized as per RailTel requirement) to at least 12 Persons and certifications to at least 5 persons." "i) ii) OEM certified trainer to deliver training for five (5) RailTel team members."		Tender clause is clear
9	25, 33	5.2 5.6	118 6	OEM should provide Professional level training in vCF (Customized as per RailTel requirement) to at least 12 Persons and certifications to at least 5 persons. 6. Training i) ii) OEM to deliver training for five (5) RailTel team members.	We understand that the expectation is to provide certification exam vouchers for 5 persons which candidate can use to appear in the exams to get the certification. Please confirm		Yes, Understanding is correct
10	80	Form No. 6		Performa for Long Term Maintenance Support	As per Broadcom's corporate and legal policy and guidelines we will not be able to provide this document to the bidder for submission. Please take the note and remove the same		It is the requirement of tender.
11	83	Form No. 8		Performa for OEM undertaking on Letter Head	As per Broadcom's legal & finance guidelines we will not be able to provide this document to the bidder for submission. Please take the note and remove the same. We will be able to submit non-malicious code, non-blacklisting and land-border undertakings separately from this performa		It is the requirement of tender.
J	**M/s Tabsons**						
1	1	53	4	12.1	**Established in 1979**, we possess a significant history in engineering and have held a prominent position in media technology since 2010. Throughout this period, we have had the distinction of supporting substantial transformation projects within the *media and IT sectors* . Our experience encompasses round-the-clock monitoring of over *600 television channels* , *more than 40 million hours of media intelligence monitoring* , and the deployment of our proprietary AI/ML platforms, **Gyana.AI and Darshan.AI**, for sophisticated media analytics and visualization. We were also honored to receive the Code Studio Award in recognition of our excellence in technology deployment within the media industry. Furthermore, we have maintained a long-standing association with the Broadcast Audience Research Council India (BARC India) since 2015, collaborating on several projects including News Content Tagging/Monitoring (NCT) for 90 channels, Water Mark Monitoring (WMM) for approximately 600 channels, and Video Delivery projects for 100 channels. Given our extensive experience with BARC India, a Joint Industry Body, we kindly request that you consider including Joint Industry Bodies within the scope of eligible experience.		Tender clause is clear
2	2	46	4	2.4.2	We also respectfully request an **increase in the duration of the replacement and service period.** If RailTel is providing **turnover relaxation to startups (Page – 52)**, it may be challenging for them to maintain a readily available stock.		Tender clause is clear

SN	Page No.	Chapter No.	Tender Clause No.	Clause Details	Bidders Query / Clarifications	Justification / Reason	RailTel's Response
3	3	39	3c	5	We kindly ask for consideration of EMD relaxation. A similar tender for data center installation and commencement, circulated by a PSU under the Ministry of Information and Broadcasting, provides for EMD relaxation for MSME bidders through a Bid Security Declaration.		Tender clause is clear
K	**M/s AMD India**						
1			General Requirement	SAP Certification: Server should be SAP HANA certified	SAP Certification: Server should be SAP HANA/SAP certified		Tender clause is clear
2			Chipset	Intel C740 series or higher	Intel C740 series or higher / AMD SOC Chipset		Equivalent AMD chipset can be offered
3			CPU	Configured CPU Should be populated with 2 Nos. of Intel Xeon GOLD CPU architecture or latest, each CPU should be 64 core and 2.4GHz or better.	Configured CPU Should be populated with 2 Nos. of Intel Xeon GOLD CPU / AMD EPYC architecture or latest, each CPU should be 64 core and 2.4GHz or better.		Equivalent AMD CPU Architecture can be offered
4			Memory Slots	32 DDR5 DIMM slots, RDIMMS & LRDIMMS supporting speeds at least 5600 MT/s or higher	24 DDR5 DIMM slots, RDIMMS & LRDIMMS supporting speeds at least 4800 MT/s or higher		Tender clause is clear
5			Memory configured	Configured with 32 nos. 64GB RDIMM 5600MT/s or 16 Nos.128GB RDIMM 5600MT/s	Configured with 16 nos. 64GB RDIMM 4800MT/s or 16 Nos.128GB RDIMM 4800MT/s OR 24 Nos. 96GB RDIMM 4800MT/s		Tender clause is clear
L	**M/s Cisco**						
1	10		5.1 SOR-A (1) (Rack Servers)	4. CPU : Configured CPU Should be populated with 2 Nos. of Intel Xeon GOLD CPU architecture or latest, each CPU should be 64 core and 2.4GHz or better.	4. CPU : Configured CPU Should be populated with 2 Nos. of Intel Xeon Platinum CPU architecture or latest, each CPU should be 64 core and 2.0GHz or better.	Max. Clock speed with 64Core CPU with latest generation is 2.2GHz. Please change for wider participation.	Tender clause is clear
2	10		5.1 SOR-A (1) (Rack Servers)	7. Disk Supported : Front drive bays: Up to 12x 3.5" SAS/SATA/SSD	7. Disk Supported : Front drive bays: Up to 12x 2.5" SAS/SSD		Corrigendum-I shall be read.
3	10		5.1 SOR-A (1) (Rack Servers)	8. RAID Controller : 12Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50 with at least 8 GB cache.	8. RAID Controller : 12Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50 with at least 4 GB cache.	Please change for wider participation.	Tender clause is clear