

Request for Proposal (RFP) Bid for Selection of System Integrator (SI) for Supply, Installation, and support/services HCI based solution for 5 years on behalf of the Gujarat Urban Development Mission, Gandhinagar. (Bid No. GEM/2026/B/7756393 dated 14.07.2026).			
Corrigendum			
Sr. No.	RFP Page No., Section No., Clause No.	Existing Clause as per RFP	Revised Clause / Specification / Requirement
1	Page No. 17, Section No. 1, Clause No. Basic Information	Number of Network ports per node (Hint: Select '0' if not applicable - 3 or higher	Number of Network ports per node (Hint: Select '0' if not applicable - 2 or higher
2	RFP Page No: 10, 5: Rear Door:	Lockable Perforated Steel Door	OEM-standard locking mechanisms
3	RFP Page No: 10, 7: Side Panels	Removable with Key Locks	Side Panels: Removable as per the OEM's standard design.
4	RFP Page No: 10, 12: Secure Locks		Secure Locks: Front and rear rack doors shall be secured using the OEM's standard locking mechanism , integrated with a common biometric access control system, as per the OEM's standard design
5	RFP Page No: 10, 22: Intelligent Power	Distribution: 2 x Intelligent Metered PDU, 32A, C13/C19 Mixed Outlets	Distribution: 2 x Intelligent Metered 3-Phase, 32A PDUs with mixed C13/C19 outlets. PDU-level monitoring shall be provided
6	RFP Page No: 10, 24: Cooling Capacity:	Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred), 2 Units of 2 Ton AC which will run in redundancy mode.	In-Rack Precision Cooling Solution (N+1 Redundancy Preferred). The bidder shall propose the number and capacity of precision air conditioning units with sensible cooling, as per the proposed solution, to maintain the recommended operating conditions for the installed IT equipment.
7	RFP Page No: 10, 34: Width:	900 mm or Higher	The bidder shall conduct a site visit before proposing the solution. The rack dimensions, cooling solution, and associated infrastructure shall be as per the site feasibility, OEM's standard design, and the requirements of the RFP
8	RFP Page No: 10, 35: Depth	3600 mm or Higher	Rack dimensions shall be as per the proposed solution and OEM's standard design, meeting the requirements of the RFP.
9	Smart Rack 42 U (Technical specification)	Humidity Control	Active humidity control shall be optional , as per the proposed OEM solution, site conditions, and industry-standard practices.
10	Smart Rack 42 U (Technical specification)	UPS Rating : Min 20 KVA or higher	The UPS with 20 KVA capacity and configuration shall be as per the proposed solution, BOQ, and site visit, meeting the requirements of the RFP.
11	Smart Rack 42 U (Technical specification)	UPS Backup Time : Min 30 Minutes or Higher	The UPS with minimum 20 KVA capacity and configuration shall be as per the proposed solution, BOQ, and site visit, meeting the requirements of the RFP.
12	13	The bidder shall conduct Factory Acceptance Testing (FAT), installation, commissioning and operational acceptance of the proposed solution in coordination with GUDM/GIL and obtain necessary sign-offs.	Clause Revised : The bidder shall conduct Factory Final Acceptance Test (FAT), installation, commissioning and operational acceptance of the proposed solution in coordination with GUDM/GIL and obtain necessary sign-offs.
13	4.4	HCI is configuration of SSD/SAS/NL SAS/NVMe then the caching must be on appropriate capacity of SSD/NVMe drives to meet the IOPS/performance requirements.	4. HCI is configuration of SSD/SAS/NL SAS/NVMe then the caching must be on appropriate capacity of SSD/NVMe drives to meet the IOPS/performance requirements.
14	4	1. NFS 2. CIFS 3. SMB 4. iSCSI 5. Equivalent IP Storage Protocol 6. iSCSI for Containers	Supported industry protocols by HCI 1. NFS 2. CIFS 3. SMB 4. iSCSI 5. Equivalent IP Storage Protocol 6. iSCSI for Containers
15	Additional Eligibility Evaluation Criteria / Eligibility Criteria /Pg no. 1 / Serial no. 4	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last three financial years to any central / state Government / PSU/ Listed Company as on bid submission. • One work order having value of Rs. 10 Cr or • Two work orders, each work order having value of Rs. 6 Cr or • Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last Five financial years to any central / state Government / PSU/ Listed Company as on bid submission. • One work order having value of Rs. 10 Cr or • Two work orders, each work order having value of Rs. 6 Cr or • Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder.
16	RFP Page No: 1 Eligibility Criteria: Serial Number: 5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall.
17	Firewall Specification, Page no:24, Point No. 7	Appliance shall have minimum 2x 10G/25G SFP+ interfaces from day one.	Appliance shall have minimum 2x 10G/25G SFP+ interfaces from day one.
18	Bandwidth Page no:24	Lease Line 50 Mbps Minimum 4 usable static ips	Clause Omitted
19	New Clause Added: Firewall	New Clause Added: Firewall	Heartbeat and Auto Failover should be available from day 1 in the proposed solution.

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Response to Pre-Bid Queries				
Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
1	Additional Eligibility Evaluation Criteria / Eligibility Criteria /Pg no. 1 / Serial no. 4	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last three financial years to any central / state Government / PSU/ Listed Company as on bid submission. - One work order having value of Rs. 10 Cr or - Two work orders, each work order having value of Rs. 6 Cr or - Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last three financial years to any central / state Government / PSU/ Listed Company as on bid submission. - One work order having value of Rs. 8 Cr or - Two work orders, each work order having value of Rs. 5 Cr or - Three work orders, each work order having value of Rs. 1.5 Cr All work orders/contracts should be in the name of the bidder	Please see corrigendum.
2		"50 Mbps Lease Line with minimum 4 usable Static IPs"		As per RFP
3	Page No. 17, Section No. 1, Clause No. Basic Information	Total usable Cores available (after installation of HCI software resources required for solution) in the offered solution (Hint :- Select '0' if not applicable) - Minimum 192 cores or higher	Please change to minimum 174 cores or higher	As per RFP
4	Page No. 17, Section No. 1, Clause No. Basic Information	Number of Network ports per node (Hint: Select '0' if not applicable - 3 or higher	Minimum 2 X Dual Port 10/25	Please see corrigendum.
5	Page No. 20, Section No. 5, Clause No. Generic Parameters	Number of nodes HCI supports in same cluster/deployment, such that any node out of the offered be able to use the storage of all other nodes* - Minimum 16 Node Or higher	Minimum 32 nodes in single cluster or higher	As per RFP
6	Page No. 20, Section No. 5, Clause No. Generic Parameters	HCI Support - Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, or equivalent	The specified requirement is the minimum requirement. Bidders may propose solutions supporting one or more industry-standard enterprise hypervisors, meeting the requirements of the RFP.
7	Page No. 21,Section No. 7, Clause No. ATC Clause	The proposed HCI solution and virtualization platform should support seamless migration and deployment of workloads/applications from UAT environment to existing VMwareTanzu/containerized ecosystem at GSDC Production Environment, wherever applicable. Bidder shall ensure smooth migration, integration, and operational continuity during implementation.	The proposed HCI solution and virtualization platform should support migration of containerized applications.	ATC clause mandatory: Seamless migration to Tanzu/containerized ecosystem required.
8		UAT & Staging:		As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
9	Page No. 21,Section No. 7, Clause No. ATC Clause	GPU Memory: Minimum 48 GB ECC GPU Memory or higher; Tensor Cores: Minimum 500 or higher; GPU shall support AI/ML, Deep Learning, NLP, LLM, and containerized workloads. GPU should be compatible with the proposed server platform.	The GPU shall be provided on a standalone physical server and shall not form part of the HCI infrastructure. GUDM may provide details regarding the application deployment architecture, including whether the application will be deployed on Virtual Machine(s) or as containerized workloads, along with the corresponding resource requirements, if applicable.	The GPU solution may be proposed either as a standalone server or as part of the proposed HCI infrastructure, as per the bidder's proposed solution architecture, provided it meets all the technical, functional, performance, and compatibility requirements specified in the RFP.
10		CPU – 8 Cores, 16 GB RAM		
11		Storage – 500 GB		
12		OS – Ubuntu 22.04 or above Further, the Production environment infrastructure will be proposed separately. The container platform must support GPU resource allocation for AI/ML workloads		
13	Page No. 15, Section No. 8 , Clause No. Scope Of Work	The bidder shall provide and configure a dedicated 1 GPU based single node with capacity of 48 GB or higher for AI/ML, analytics and future application requirements.	Contradictory with ATC Clause, please clarify the GPU node requirement, whether we have to provide standalone server hardware or HCI node for this requirement	The bidder may propose the GPU solution either as a standalone dedicated GPU server or as part of the proposed HCI solution , as per the proposed solution architecture, provided all RFP technical requirements are met. However, the cost of the dedicated GPU server shall be included under the HCI Solution head in the Price Bid. After completion of the Reverse Auction (RA), the successful bidder shall submit a separate line-item-wise price breakup for the GPU server and associated components.
14	Page No. 24, Section No. 1, Clause No. Bandwidth	Lease Line 50 Mbps Minimum 4 usable static IPs	ISP provides the lease line, hence request you to remove this point	please see corrigendum.
15	Page No. 24, Section No. 5, Clause No. Migration at GSDC	GUDM's Intimation date for Migration at production stage (4 weeks from date of intimation) - A penalty of 0.5% of Contract Value per week or part thereof.	Please remove the penalty clause for migration as migration is timeline is depend of multiple parameters i.e. site readiness, number of physical servers/VMs, total data capacity & data type, downtime availability, bandwidth requirement etc.	As per RFP
16	Page No. 26, Section No. 1, Clause No. Milestone Based Payment Terms	Delivery of all components (Hardware, Software, Licenses, etc.) - 50 % of the total GEM contract value	We request you to kindly modify the criteria as below : 90 % of the total GEM contract value	As per RFP
17	Page No. 26, Section No. 2, Clause No. Milestone Based Payment Terms	Successful installation, Testing, Integration, Commissioning - 20 % of the total GEM contract value	We request you to kindly modify the criteria as below : 10 % of the total GEM contract value	As per RFP
18	Page 1 of SOW document Additional Eligibility Evaluation Criteria: Sr. No.: 4	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last three financial years to any central / state Government / PSU/ Listed Company as on bid submission. - One work order having value of Rs. 10 Cr or - Two work orders, each work order having value of Rs. 6 Cr or - Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	We request you to kindly modify the criteria as below : Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last five financial years to any central / state Government / PSU/ Listed Company as on bid submission. - One work order having value of Rs. 10 Cr or - Two work orders, each work order having value of Rs. 6 Cr or - Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	Please see corrigendum.
19	Page 1 of SOW document IMPLEMENTATION TIMELINES & PENALTIES, Sr. No.: 2	Delivery of Components (Hardware, Software, License, etc.) T1 = T + 12 weeks	We request you to kindly modify the clause as below : T1 = T + 16 weeks	As per RFP
20	RFP Page No: 1 Eligibility Criteria: Serial Number: 5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	We hereby request to consider SmartRack OEM having value of Rs 3Cr work order should be available in the last three financial years as on bid submission.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
21	RFP Page No: 10, 5: Rear Door:	Lockable Perforated Steel Door	This is a requirement for a Smart Rack with an integrated closed-loop cooling system. As per industry best practices, the rear rack door should be a split plain door to ensure ease of access, maintenance, and compatibility with the cooling design. Both the front and rear rack doors shall be equipped with magnetic locks. The doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, ensuring secure and centralized access management. We hereby request to consider the same and kindly make necessary corrigendum for the same	Please see corrigendum.
22	RFP Page No: 10, 7: Side Panels	Removable with Key Locks	We hereby request you to consider that the side panels shall be removable and secured using latch locks, key locks, or screws, as per the OEM's standard design and best practices.	Please see corrigendum.
23	RFP Page No: 10, 12: Secure Locks		With reference to Serial/Point No. 29 regarding the Biometric Access Control System, we hereby request you to consider that the front and rear rack doors shall be equipped with magnetic locks. Both doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, as per the OEM's standard design.	Please see corrigendum.
24	RFP Page No: 10, 22: Intelligent Power	Distribution: 2 x Intelligent Metered PDU, 32A, C13/C19 Mixed Outlets	Kindly specify whether the required Rack PDU is 1-Phase (7.3 kW) or 3-Phase (22 kW). Based on this information, the OEM will be able to provide the appropriate solution prerequisites, including the electrical input cable sizing and input power capacity requirements. Also, last remark after point/Serial no 36, kindly clarify that PDU required PDU level monitoring or socket level monitoring.	Please see corrigendum.
25	RFP Page No: 10, 23: Power Strips	Minimum 2	Pls specify the number of socket, types of socket and Amp rating for the same	The bidder shall provide the required number, type, and rating of outlets as per the proposed solution to meet the functional and technical requirements of the RFP
26	RFP Page No: 10, 24: Cooling Capacity:	Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred), 2 Units of 2 Ton AC which will run in redundancy mode.	Please note that 20 kW cooling capacity is approximately equivalent to 5.7 TR, whereas 2 TR is approximately equivalent to 7 kW. Kindly clarify the actual cooling capacity requirement, i.e., whether the requirement is 20 kW or 7 kW. Further, if the department intends to procure a 20 kW cooling unit, we recommend specifying that the unit shall deliver a net sensible cooling capacity of 20 kW under the following operating conditions to ensure reliable performance during the peak summer conditions in Gandhinagar: Ambient temperature: 46°C: which is peak Summer ambient of the Gandhinagar city Supply air temperature: 22 ± 1°C Return air temperature: 35°C This approach will ensure that the cooling unit is appropriately sized and capable of maintaining the desired IT operating environment under the site's maximum design ambient conditions.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
27	RFP Page No: 10, 30: Monitoring Interface:	Integrated Monitoring and Alerting Dashboard	Wrt to point no 36 and remark after it, We hereby request to consider as Detailed Monitoring & Diagnostics through Monitoring hardware device,1U rack mountable, with redundant input power supplies & capable of single window monitoring of all the environmental parameters like temperature, humidity, door access, smoke etc along with UPS & air conditioning through a single window dashboard over ethernet & Capable for sending Email Alerts The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor. The Monitoring unit should have feature to enable graceful shutdown of the IT servers supporting IPMI Protocol. Monitoring unit should be integrated with energy meter of the Smart rack DB Panel & should be able to monitor the Main Input power Voltage, Current, power consumption.	As per RFP
28	RFP Page No: 10, 34: Width:	900 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, Rack width shall be 800 mm or higher which needs to integrated with an In-Row cooling system. Racks with a width of 900 mm or 1000 mm are typically designed for in-rack cooling systems, which generally support cooling capacities of up to 7 kW. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
29	RFP Page No: 10, 35: Depth	3600 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, the Rack depth shall be 1800mm which includes Front 300mm ColdAisle containment, 1200mm IT Rack depth and rear 300mm Hot Aisle containment. this is best practices across the OEM with an In-Row cooling system offering. where In-Rack cooling system support up to 12000mm rack depth. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
30	Page no:11, Serial Number: NA Clause: NA	The Smart Rack shall support installation of HCI nodes, Top-of-Rack (ToR) switches, firewall appliances, intelligent PDUs, UPS, cooling units, and associated power/network cabling infrastructure with provision for future scalability. The rack shall provide integrated monitoring, environmental controls, security, and power management capabilities under a unified management framework.	We hereby request to elaborate and clarify the requirement for "power management capabilities under a unified management framework"	Power Management Capabilities: The proposed solution shall provide centralized monitoring and management of the Smart Rack power infrastructure, including UPS, intelligent PDUs, power consumption, input voltage/current, alarms, events, and power status through a unified management dashboard.
31	NA	Site Survey for Smart Rack room/DC room	We hereby request the department to kindly share the room layout, including the proposed Outdoor Unit (ODU) installation location. Alternatively, we request permission to conduct a site visit and site survey to assess the civil and electrical prerequisites, verify the feasibility of the installation, and evaluate the department's readiness for the activities falling under its scope of work.	Clarification "Adequate Room Size will be provided as per solution requirement "
32	Smart Rack 42 U (Technical specification)	Rear Door : Lockable Perforated Steel Door	Please consider plain sheet door without any perforation to avoid any air leakage	Please see corrigendum.

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33	Smart Rack 42 U (Technical specification)	Side Panels : Removable with Key Locks	Please mention as "removable with key lock or screw fixed" the screw based side panel will be fixed properly compared to lock and key based side panels	Please see corrigendum.
34	Smart Rack 42 U (Technical specification)	Cooling Capacity : Minimum 20 kW	Please precise the load , in single rack if load will not atleast 40% of total cooling it will create efficiency issue, Also in single rack the 20kW load is to high	Please see corrigendum.
35	Smart Rack 42 U (Technical specification)	Humidity Control	integrated solution mostly not required the humidity control for low load , also if room temperature and humidity is maintained not required additional humidifier!	Please see corrigendum.
36	Smart Rack 42 U (Technical specification)	Fire Suppression System : Integrated Automatic Fire Suppression	mostly requires rear door opening provision, please clarify	The Integrated Automatic Fire Suppression System shall be as per the proposed OEM solution, and any access provisions required for its operation and maintenance shall be considered by the bidder.
37	Smart Rack 42 U (Technical specification)	Cooling Capacity : Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred) , 2 Units of 2 Ton AC which will run in redundancy mode.	20kw = 5.6 Ton , 2 ton = 7kW please confirm what capacity is required, usually in single smart rack 7kw load is ideal , We would suggest to consider Zero U rack mounted 7kw cooling unit Also confirm the Indoor unit to Outdoor unit distance	Please see corrigendum.
38	Smart Rack 42 U (Technical specification)	UPS Rating : Min 20 KVA or higher	please pr cise the capacity , for 7kw IT load 10kva is sufficient, Please confirm if rack mounted UPS required of floor mounted ? do redundant UPS required ?	Please see corrigendum.
39	Smart Rack 42 U (Technical specification)	UPS Backup Time : Min 30 Minutes or Higher	is this 15 mins on each UPS , so combined backup will be 30mins, Also the batteries need to install outside the Rack, If batteries requires inside the Rack it will consume more space inside rack, Please confirm minimum U space required for IT equipment	Please see corrigendum.
40	Smart Rack 42 U (Technical specification)	Monitoring Interface : Integrated Monitoring and Alerting Dashboard	mostly requires at front door , however single biometric can secure rear door also as per OEM standard design	As per RFP
41	Smart Rack 42 U (Technical specification)	Network Integration : Support for integration with DCIM/NMS tools	please add HMI display for local monitoring of all rack parameters	As per RFP
42	Smart Rack 42 U (Technical specification)	Depth : 3600 mm or Higher	it can be minimum 1200mm depth , looks like a typing error	Please see corrigendum.
43	Smart Rack 42 U (Technical specification)	ADDITIONAL PERFORMAN CE PARAMETER • The Smart Rack Should advance modular server and network equipment enclosure designed for optimized space utilization, enhanced airflow, and simplified cable management. • It provides secure housing with lockable doors, adjustable mounting rails, and built-in monitoring options for temperature, humidity, and power usage. • Ideal for data centers, IT rooms, and network closets, the Smart Rack ensures efficient equipment organization, easy maintenance, and improved operational reliability while supporting scalability for growing infrastructure needs.	looks like this is TOR design , and load might not more than 7kw please check and consider 7kw=2Ton Rack zero U mounted cooling unit (N+N) design	Please see corrigendum.
44	RFP Page No: 1 Eligibility Criteria: Serial Number: 5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	We hereby request to consider SmartRack OEM having value of Rs 3Cr work order should be available in the last three financial years as on bid submission.	please see corrigendum.
45	Bandwidth Page no:24	Lease Line 50 Mbps Minimum 4 usable static Ips	Request you kindly exclude bandwidth requirement from this tender as services for the bandwidth is completely depended on the service provider. SLA of Bandwidth providers are completely different than Hardware/Software Infra. Also SI has no role to play in this.	please see corrigendum.
46	Firewall Specification, Page no:24, Point No. 7	Appliance shall have minimum 2× 10G/25G SFP+ interfaces from day one.	smaller appliance doesn't come with 25 Gbps ports. Need to relax this clause with : Appliance shall have minimum 2× 10G SFP+ interfaces from day one.	please see corrigendum.

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47	HCI Specification, Page no:21, Point No. 7 ATC Clause	Networking part: 24 x 10/25GbE SFP+ & 4 x 100GbE QSFP data center grade switch + L3 License All 24 ports should be populated with 25G Module from day 1	25 Gbps ports mostly come with 48 Ports model. Request you kindly allow 48 port switch option for maximum OEM Partition.	The specified switch configuration is the minimum requirement. Bidders may offer a Datacenter standard switch with higher port density, without any additional cost to GoG, provided the proposed solution meets all the requirements of the RFP
48	Page 3, Scope of Work, Clause 6; and Page 9, ATC Clause	The proposed solution shall support migration and deployment of applications from the UAT/Development environment to the GSDC Production Environment and shall be compatible with the VMware Tanzu platform deployed at GSDC. The bidder shall provide all necessary migration, integration, testing and deployment support without any additional cost.	We request clarification on the intent of "compatible with VMware Tanzu platform." Kindly confirm whether this requirement means: (a) the proposed HCI/virtualization platform must natively run or host VMware Tanzu itself; OR (b) the proposed solution must support migration/interoperability of Tanzu-based containerized workloads (namespaces, configurations, persistent volumes, etc.) to the GSDC Production environment, achievable through supported migration tools and services regardless of the underlying hypervisor/container platform used in the proposed HCI solution. This clarification is essential as several leading enterprise HCI platforms achieve Tanzu/Kubernetes workload portability through migration tooling rather than native Tanzu hosting. We request that such solutions be treated as compliant, provided functional migration and interoperability is demonstrated.	The requirement refers to supporting migration, deployment, and interoperability of applications/workloads from the UAT/Development environment to the existing VMware Tanzu-based Production Environment at GSDC. The proposed solution is not required to natively host VMware Tanzu. The bidder shall ensure seamless migration and operational compatibility using supported migration tools, services, or industry-standard mechanisms, wherever applicable.
49	Page 9, ATC Clause (GPU/Container Platform requirement); read with Page 3, Scope of Work Clause 8	Currently, we are working on an AI-based chatbot within the scope defined in the RFP... However, if GUDM plans to extend this to an advanced chatbot using NLP/LLM-based capabilities, additional GPU-based infrastructure will be required for UAT and Staging environments. The indicative configuration is as below: UAT & Staging: GPU Memory: Minimum 48 GB ECC GPU Memory or higher; Tensor Cores: Minimum 500 or higher... The container platform must support GPU resource allocation for AI/ML workloads. [Scope of Work Clause 8]: The bidder shall provide and configure a dedicated 1 GPU based single node with capacity of 48 GB or higher for AI/ML, analytics and future application requirements.	We seek clarification on the following points regarding the GPU/container platform requirement: (1) Is the GPU node specified in Scope of Work Clause 8 (48 GB capacity) the same physical node referenced in the ATC clause for the AI-chatbot/NLP-LLM use case, or is this an additional, separate GPU node contingent on GUDM extending the chatbot scope? Kindly confirm whether provisioning of only one GPU node (as per Clause 8) fulfills both requirements, or whether bidders should price for GPU infrastructure separately for the base scope versus the indicative future chatbot extension. (2) Regarding "the container platform must support GPU resource allocation for AI/ML workloads" — kindly confirm whether this refers to a specific container orchestration platform (e.g., Kubernetes, OpenShift, VMware Tanzu), or whether any enterprise-grade container platform capable of GPU resource scheduling/allocation (native to the proposed HCI solution or third-party) will be considered compliant. (3) Kindly confirm whether the minimum Tensor Core count (500 or higher) and 48GB ECC GPU memory requirement is indicative/aligned to a specific reference architecture, or a firm minimum specification applicable to all OEM GPU	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.

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50	Page 3, Scope of Work, Clause 8 & Page 9 - GeM Tender File Minimum Specification Point No. 7 (ATC Clause)	Scope of Work Clause 8 states: "The bidder shall provide and configure a dedicated 1 GPU based single node with capacity of 48 GB or higher for AI/ML, analytics and future application requirements." Whereas in GeM Tender File Minimum Specification Point No. 7 (ATC Clause) states: "Currently, we are working on an AI-based chatbot within the scope defined in the RFP, primarily to assist citizens through FAQs and scenario-based automated responses for respective ULB services. However, if GUDM plans to extend this to an advanced chatbot using NLP/LLM-based capabilities, additional GPU-based infrastructure will be required for UAT and Staging environments."	This two clauses appear contradictory — Scope of Work Clause 8 mandates the GPU node unconditionally, while the ATC Clause states GPU infrastructure will be required only "if" GUDM extends to an advanced NLP/LLM chatbot in future. Kindly clarify whether we need to consider the GPU Node commercial in the Price Bid from Day One or not.	The bidder shall include the cost of the dedicated GPU server under the HCI Solution head in the Price Bid. After completion of the Reverse Auction (RA), the successful bidder shall submit a separate line-item-wise price breakup for the GPU server and associated components. The Application for the migration activity Bidder has to coordinate with the development team will provided within 15 Days after completion of FAT(Final Acceptance Test)
51	Page 8, Scope of Work, Clause 5 - HCI Generic Parameters	Minimum 16 Node Or higher Number of nodes HCI supports in same cluster/deployment, such that any node out of the offered be able to use the storage of all other nodes*	Request you to Amend with : Minimum 32 Node or Higher for have better scalability in future which is supported by most of the enterprise grade hci solution	The requirement specified in the RFP is the minimum requirement . Bidders may propose a solution supporting a higher number of nodes, provided all other RFP requirements are met.
52	Page 7, Scope of Work, Clause 5 - HCI Generic Parameters	HCI support - Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	Request you to Amend as : Proposed solution shall support any two or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	The specified requirement is the minimum requirement. Bidders may propose solutions supporting one or more industry-standard enterprise hypervisors, meeting the requirements of the RFP.
53	Page 4, Scope of Work, Clause 1 - BASIC INFORMATION	Number of Network ports per node (Hint: Select '0' if not applicable 3 or higher	Request you to Amend as : Number of Network ports per node (Hint: Select '0' if not applicable 2 X Dual Port or higher To achieve the card level redundancy	Please see corrigendum.
54	Page 4, Scope of Work, Clause 1 - BASIC INFORMATION	Total usable Cores available (after installation of HCI software resources required for solution) in the offered solution (Hint :- Select '0' if not applicable) Minimum 192 cores or higher	Request you to clarify below point : As per the this clauses, the requested configuration 3 node will provide 192 raw cores. The total usable core available after HCI software will be less than 192 cores. Please clarify if we should offer raw 192 cores or more cores/nodes needs to be factored. Please clarify	The requirement of minimum 192 cores refers to the usable CPU cores available after allocation of resources required for the HCI software/platform . The bidder shall size and propose the required hardware configuration accordingly to meet the minimum usable core requirement specified in the RFP.
55	RFP Page No: 10, 5: Rear Door:	Lockable Perforated Steel Door	This is a requirement for a smart Rack with an integrated closed-loop cooling system. As per industry best practices, the rear rack door should be a split plain door to ensure ease of access, maintenance, and compatibility with the cooling design. Both the front and rear rack doors shall be equipped with magnetic locks. The doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, ensuring secure and centralized access management. We hereby request to consider the same and kindly make necessary corrigendum for the same	Please see corrigendum.
56	RFP Page No: 10, 7: Side Panels	Removable with Key Locks	We hereby request you to consider that the side panels shall be removable and secured using latch locks, key locks, or screws, as per the OEM's standard design and best practices. Request you kindly amend with : Removable with Key Locks/Latch Locks	Please see corrigendum.
57	RFP Page No: 10, 12: Secure Locks		With reference to Serial/Point No. 29 regarding the Biometric Access Control System, we hereby request you to consider that the front and rear rack doors shall be equipped with magnetic locks. Both doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, as per the OEM's standard design.	Please see corrigendum.

Bid for Selection of System Integrator (SI) for Supply, Installation, and support/services HCI based solution for 5 years on behalf of the Gujarat Urban Development Mission, Gandhinagar.(Bid No. GEM/2026/B/7756393 dated 14.07.2026).

Response to Pre-Bid Queries

Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
58	RFP Page No: 10, 22: Intelligent Power	Distribution: 2 x Intelligent Metered PDU, 32A, C13/C19 Mixed Outlets	Kindly specify whether the required Rack PDU is 1-Phase (7.3 kW) or 3-Phase (22 kW). Based on this information, the OEM will be able to provide the appropriate solution prerequisites, including the electrical input cable sizing and input power capacity requirements. Also, last remark after point/Serial no 36, kindly clarify that PDU required PDU level monitoring or socket level monitoring.	Please see corrigendum.
59	RFP Page No: 10, 23: Power Strips	Minimum 2	Pls specify the number of socket, types of socket and Amp rating for the same	The bidder shall provide the required number, type, and rating of outlets as per the proposed solution to meet the functional and technical requirements of the RFP
60	RFP Page No: 10, 24: Cooling Capacity:	Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred), 2 Units of 2 Ton AC which will run in redundancy mode.	Please note that 20 kW of cooling capacity is approximately equivalent to 5.7 TR, whereas 2 TR is approximately equivalent to 7 kW. Kindly clarify the actual cooling capacity requirement, i.e., whether the requirement is 20 kW or 7 kW. Further, if the department intends to procure a 20 kW cooling unit, we recommend specifying that the unit shall deliver a net sensible cooling capacity of 20 kW under the following operating conditions to ensure reliable performance during the peak summer conditions in Gandhinagar: Ambient temperature: 46°C: which is peak Summer ambient of the Gandhinagar city Supply air temperature: 22 ± 1°C Return air temperature: 35°C This approach will ensure that the cooling unit is appropriately sized and capable of maintaining the desired IT operating environment under the site's maximum design ambient conditions.	Please see corrigendum.
61	RFP Page No: 10, 30: Monitoring Interface:	Integrated Monitoring and Alerting Dashboard	Wrt to point no 36 and remark after it, We hereby request to consider as Detailed Monitoring & Diagnostics through Monitoring hardware device,1U rack mountable, with redundant input power supplies & capable of single window monitoring of all the environmental parameters like temperature, humidity, door access, smoke etc along with UPS & air conditioning through a single window dashboard over ethernet & Capable for sending Email Alerts The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor. The Monitoring unit should have feature to enable graceful shutdown of the IT servers supporting IPMI Protocol. Monitoring unit should be integrated with energy meter of the Smart rack DB Panel & should be able to monitor the Main Input power Voltage, Current, power consumption.	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
62	RFP Page No: 10, 34: Width:	900 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, Rack width shall be 800 mm or higher which needs to be integrated with an In-Row cooling system. Racks with a width of 900 mm or 1000 mm are typically designed for in-rack cooling systems, which generally support cooling capacities of up to 7 kW. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
63	RFP Page No: 10, 35: Depth	3600 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, the Rack depth shall be 1800mm which includes Front 300mm ColdAisle containment, 1200mm IT Rack depth and rear 300mm Hot Aisle containment. This is the best practice across the OEM with an In-Row cooling system offering, where In-Rack cooling system support up to 12000mm rack depth. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
64	Page no:11, Serial Number: NA Clause: NA	The Smart Rack shall support installation of HCI nodes, Top-of-Rack (ToR) switches, firewall appliances, intelligent PDUs, UPS, cooling units, and associated power/network cabling infrastructure with provision for future scalability. The rack shall provide integrated monitoring, environmental controls, security, and power management capabilities under a unified management framework.	We hereby request to elaborate and clarify the requirement for "power management capabilities under a unified management framework"	Power Management Capabilities: The proposed solution shall provide centralized monitoring and management of the Smart Rack power infrastructure, including UPS, intelligent PDUs, power consumption, input voltage/current, alarms, events, and power status through a unified management dashboard.
65	NA	Site Survey for Smart Rack room/DC room	We hereby request the department to kindly share the room layout, including the proposed Outdoor Unit (ODU) installation location. Alternatively, we request permission to conduct a site visit and site survey to assess the civil and electrical prerequisites, verify the feasibility of the installation, and evaluate the department's readiness for the activities falling under its scope of work.	Clarification Adequate Room Size will be provided as per solution requirement.
66	RFP Page No: 22 Payment Terms : 6.1		Request you kindly Amend the payment terms with : 1. 80% on Successful Delivery of Hardware, Software Licenses, & Installation. 2. 20% on Successful Migration of entire solution, Final Acceptance Testing (FAT) and Training.	As per RFP
67	RFP Page No: 1 Eligibility Criteria: Serial Number: 5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	We hereby request to consider SmartRack OEM having value of Rs 3Cr work order should be available in the last three financial years as on bid submission.	Please see corrigendum.
68	RFP Page No: 10, 5: Rear Door:	Lockable Perforated Steel Door	This is a requirement for a Smart Rack with an integrated closed-loop cooling system. As per industry best practices, the rear rack door should be a split plain door to ensure ease of access, maintenance, and compatibility with the cooling design. Both the front and rear rack doors shall be equipped with magnetic locks. The doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, ensuring secure and centralized access management. We hereby request to consider the same and kindly make necessary corrigendum for the same.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
69	RFP Page No: 10, 7: Side Panels	Removable with Key Locks	We hereby request you to consider that the side panels shall be removable and secured using latch locks, key locks, or screws, as per the OEM's standard design and best practices.	Please see corrigendum.
70	RFP Page No: 10, 12: Secure Locks		With reference to Serial/Point No. 29 regarding the Biometric Access Control System, we hereby request you to consider that the front and rear rack doors shall be equipped with magnetic locks. Both doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, as per the OEM's standard design.	Please see corrigendum.
71	RFP Page No: 10, 22: Intelligent Power	Distribution: 2 x Intelligent Metered PDU, 32A, C13/C19 Mixed Outlets	Kindly specify whether the required Rack PDU is 1-Phase (7.3 kW) or 3-Phase (22 kW). Based on this information, the OEM will be able to provide the appropriate solution prerequisites, including the electrical input cable sizing and input power capacity requirements. Also, last remark after point/Serial no 36, kindly clarify that PDU required PDU level monitoring or socket level monitoring.	Please see corrigendum.
72	RFP Page No: 10, 23: Power Strips	Minimum 2	Pls specify the number of socket, types of socket and Amp rating for the same	The bidder shall provide the required number, type, and rating of outlets as per the proposed solution to meet the functional and technical requirements of the RFP
73	RFP Page No: 10, 24: Cooling Capacity:	Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred), 2 Units of 2 Ton AC which will run in redundancy mode.	Please note that 20 kW of cooling capacity is approximately equivalent to 5.7 TR, whereas 2 TR is approximately equivalent to 7 kW. Kindly clarify the actual cooling capacity requirement, i.e., whether the requirement is 20 kW or 7 kW. Further, if the department intends to procure a 20 kW cooling unit, we recommend specifying that the unit shall deliver a net sensible cooling capacity of 20 kW under the following operating conditions to ensure reliable performance during the peak summer conditions in Gandhinagar: Ambient temperature: 46°C: which is peak Summer ambient of the Gandhinagar city Supply air temperature: 22 ± 1°C Return air temperature: 35°C This approach will ensure that the cooling unit is appropriately sized and capable of maintaining the desired IT operating environment under the site's maximum design ambient conditions.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
74	RFP Page No: 10, 30: Monitoring Interface:	Integrated Monitoring and Alerting Dashboard	Wrt to point no 36 and remark after it, We hereby request to consider as Detailed Monitoring & Diagnostics through Monitoring hardware device,1U rack mountable, with redundant input power supplies & capable of single window monitoring of all the environmental parameters like temperature, humidity, door access, smoke etc along with UPS & air conditioning through a single window dashboard over ethernet & Capable for sending Email Alerts The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor. The Monitoring unit should have feature to enable graceful shutdown of the IT servers supporting IPMI Protocol. Monitoring unit should be integrated with energy meter of the Smart rack DB Panel & should be able to monitor the Main Input power Voltage, Current, power consumption.	As per RFP
75	RFP Page No: 10, 34: Width:	900 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, Rack width shall be 800 mm or higher which needs to integrated with an In-Row cooling system. Racks with a width of 900 mm or 1000 mm are typically designed for in-rack cooling systems, which generally support cooling capacities of up to 7 kW. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
76	RFP Page No: 10, 35: Depth	3600 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, the Rack depth shall be 1800mm which includes Front 300mm ColdAisle containment, 1200mm IT Rack depth and rear 300mm Hot Aisle containment. this is best practices across the OEM with an In-Row cooling system offering. where In-Rack cooling system support up to 12000mm rack depth. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
77	Page no:11, Serial Number: NA Clause: NA	The Smart Rack shall support installation of HCI nodes, Top-of-Rack (ToR) switches, firewall appliances, intelligent PDUs, UPS, cooling units, and associated power/network cabling infrastructure with provision for future scalability. The rack shall provide integrated monitoring, environmental controls, security, and power management capabilities under a unified management framework.	We hereby request to elaborate and clarify the requirement for "power management capabilities under a unified management framework"	Power Management Capabilities: The proposed solution shall provide centralized monitoring and management of the Smart Rack power infrastructure, including UPS, intelligent PDUs, power consumption, input voltage/current, alarms, events, and power status through a unified management dashboard.
78	NA	Site Survey for Smart Rack room/DC room	We hereby request the department to kindly share the room layout, including the proposed Outdoor Unit (ODU) installation location. Alternatively, we request permission to conduct a site visit and site survey to assess the civil and electrical prerequisites, verify the feasibility of the installation, and evaluate the department's readiness for the activities falling under its scope of work.	Clarification Adequate Room Size will be provided as per solution requirement.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
79	Page No. 3 / Scope of Work - Clause No. 5	The proposed solution shall support migration, deployment and integration of applications from the UAT and Development environment to the GSDC Production Environment. The bidder shall provide all necessary assistance, tools, accessories, configuration support and technical services required for seamless migration of workloads, applications, virtual machines, containers and associated data.	Please provide further details of existing setup at GSDC.	The GSDC Production Environment is based on the VMware Tanzu platform . The successful bidder shall ensure seamless migration, deployment, and integration with the existing environment by providing all necessary support, tools, and technical services without any additional cost to GoG
80	Page No. 3 / Scope of Work - Clause No. 7	Any Hardware, software, accessories, tools configuration, interoperability or migration-related activities required for successful deployment in the VMware Tanzu environment shall be in the scope of the bidder without any additional cost to GUDM.	Does GUDM want to implement containerised application only on VMware Tanzu? There are multiple containerised platform. This clause is pointing to specific OEM.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
81	Page No. 3 / Scope of Work - Clause No. 11	The bidder shall ensure integration of the proposed infrastructure with the existing GSDC/GUDM network and security environment and comply with all applicable policies, standards and guidelines. Any security, vulnerabilities identified by GSOC/GSDC in hardware or application has to be resolved in co-ordination with application and security team.	Please provide further details of existing setup at GSDC.	The GSDC Production Environment is based on the VMware Tanzu platform . The successful bidder shall ensure seamless migration, deployment, and integration with the existing environment by providing all necessary support, tools, and technical services without any additional cost to GoG
82	Page No. 4 / Minimum Specification Clause No. 1 Basic Information	Total usable Cores available (after installation of HCI software resources required for solution) in the offered solution (Hint :- Select '0' if not applicable) - Minimum 192 cores or higher	As per the below clauses, the requested configuration node will provide 192 cores. The total usable core available after HCI software will be less than 192 cores. Please clarify if we should offer raw 192 cores or more cores/nodes. Please clarify	The requirement of minimum 192 cores refers to the usable CPU cores available after allocation of resources required for the HCI software/platform . The bidder shall size and propose the required hardware configuration accordingly to meet the minimum usable core requirement specified in the RFP.
83	Page No. 12 / Implementation Timelines & Penalties - Clause No. 2 Delivery of Components	Delivery of Components (Hardware, Software, License, etc.) T1 = T + 12 Weeks	As per the current global scenario the delivery time lines pertaining to Hardware / Software components has been hampered, hence we will request you to amend the delivery timeline from current T1 = T + 12 Weeks to T1 = T + 24 Weeks.	As per RFP
84	Page No. 11 / Minimum Specification - Clause No. 7	Appliance shall have minimum 2x 10G/25G SFP+ interfaces from day one.	smaller appliance doesn't come with 25 Gbps ports. Need to relax this clause. / Appliance shall have minimum 2x 10G SFP+ interfaces from day one.	please see corrigendum.
85	Page No. 9 / Minimum Specifications - Clause No. 7	Networking part: 24 x 10/25GbE SFP+ & 4 x 100GbE QSFP data center grade switch + L3 License All 24 ports should be populated with 25G Module from day 1	25 Gbps ports mostly come with 48 Ports model not in 24 Port option for all OEM participation please allow 48 port option. / Allow 48 x 25G Ports.	The specified switch configuration is the minimum requirement. Bidders may offer a Datacenter standard switch with higher port density, without any additional cost to GoG, provided the proposed solution meets all the requirements of the RFP
86	RFP Page No: 1 Eligibility Criteria: Serial Number: 5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	We hereby request to consider SmartRack OEM having value of Rs 3Cr work order should be available in the last three financial years as on bid submission.	Please see corrigendum.
87	RFP Page No: 10, 5: Rear Door:	Lockable Perforated Steel Door	This is a requirement for a Smart Rack with an integrated closed-loop cooling system. As per industry best practices, the rear rack door should be a split plain door to ensure ease of access, maintenance, and compatibility with the cooling design.	Please see corrigendum.
88	RFP Page No: 10, 7: Side Panels	Removable with Key Locks	We hereby request you to consider that the side panels shall be removable and secured using latch locks, key locks, or screws, as per the OEM's standard design and best practices.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
89	RFP Page No: 10, 12: Secure Locks		With reference to Serial/Point No. 29 regarding the Biometric Access Control System, we hereby request you to consider that the front and rear rack doors shall be equipped with magnetic locks. Both doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, as per the OEM's standard design.	Please see corrigendum.
90	RFP Page No: 10, 22: Intelligent Power	Distribution: 2 x Intelligent Metered PDU, 32A, C13/C19 Mixed Outlets	Kindly specify whether the required Rack PDU is 1-Phase (7.3 kW) or 3-Phase (22 kW). Based on this information, the OEM will be able to provide the appropriate solution prerequisites, including the electrical input cable sizing and input power capacity requirements. Also, last remark after point/Serial no 36, kindly clarify that PDU required PDU level monitoring or socket level monitoring.	Please see corrigendum.
91	RFP Page No: 10, 23: Power Strips	Minimum 2	Pls specify the number of socket, types of socket and Amp rating for the same	The bidder shall provide the required number, type, and rating of outlets as per the proposed solution to meet the functional and technical requirements of the RFP
92	RFP Page No: 10, 24: Cooling Capacity:	Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred), 2 Units of 2 Ton AC which will run in redundancy mode.	Please note that 20 kW or cooling capacity is approximately equivalent to 5.7 TR, whereas 2 TR is approximately equivalent to 7 kW. Kindly clarify the actual cooling capacity requirement, i.e., whether the requirement is 20 kW or 7 kW. Further, if the department intends to procure a 20 kW cooling unit, we recommend specifying that the unit shall deliver a net sensible cooling capacity of 20 kW under the following operating conditions to ensure reliable performance during the peak summer conditions in Gandhinagar: Ambient temperature: 46°C: which is peak Summer ambient of the Gandhinagar city Supply air temperature: 22 ± 1°C Return air temperature: 35°C This approach will ensure that the cooling unit is appropriately sized and capable of maintaining the desired IT operating environment under the site's maximum design ambient conditions.	Please see corrigendum.
93	RFP Page No: 10, 30: Monitoring Interface:	Integrated Monitoring and Alerting Dashboard	Wrt to point no 36 and remark after it, We hereby request to consider as Detailed Monitoring & Diagnostics through Monitoring hardware device,1U rack mountable, with redundant input power supplies & capable of single window monitoring of all the environmental parameters like temperature, humidity, door access, smoke etc along with UPS & air conditioning through a single window dashboard over ethernet & Capable for sending Email Alerts The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor. The Monitoring unit should have feature to enable graceful shutdown of the IT servers supporting IPMI Protocol. Monitoring unit should be integrated with energy meter of the Smart rack DB Panel & should be able to monitor the Main Input power Voltage, Current, power consumption.	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
94	RFP Page No: 10, 34: Width:	900 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, Rack width shall be 800 mm or higher which needs to integrated with an In-Row cooling system. Racks with a width of 900 mm or 1000 mm are typically designed for in-rack cooling systems, which generally support cooling capacities of up to 7 kW. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
95	RFP Page No: 10, 35: Depth	3600 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, the Rack depth shall be 1800mm which includes Front 300mm ColdAisle containment, 1200mm IT Rack depth and rear 300mm Hot Aisle containment. this is best practices across the OEM with an In-Row cooling system offering, where In-Rack cooling system support up to 12000mm rack depth. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
96	Page no:11, Serial Number: NA Clause: NA	The Smart Rack shall support installation of HCI nodes, Top-of-Rack (ToR) switches, firewall appliances, intelligent PDUs, UPS, cooling units, and associated power/network cabling infrastructure with provision for future scalability. The rack shall provide integrated monitoring, environmental controls, security, and power management capabilities under a unified management framework.	We hereby request to elaborate and clarify the requirement for "power management capabilities under a unified management framework"	Power Management Capabilities: The proposed solution shall provide centralized monitoring and management of the Smart Rack power infrastructure, including UPS, intelligent PDUs, power consumption, input voltage/current, alarms, events, and power status through a unified management dashboard.
97	NA	Site Survey for Smart Rack room/DC room	We hereby request the department to kindly share the room layout, including the proposed Outdoor Unit (ODU) installation location. Alternatively, we request permission to conduct a site visit and site survey to assess the civil and electrical prerequisites, verify the feasibility of the installation, and evaluate the department's readiness for the activities falling under its scope of work.	Clarification "Adequate Room Size will be provided as per solution requirement "
98	Page 3, Scope of Work, Clause 6, Page 9, ATC Clause	The proposed solution shall support migration and deployment of applications from the UAT/Development environment to the GSDC Production Environment and shall be compatible with the VMware Tanzu platform deployed at GSDC. The bidder shall provide all necessary migration, integration, testing and deployment support without any additional cost.	kindly provide clarification on existing Prod setup and integration to be done.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
99	Page 4, Scope of Work, Clause 1 - BASIC INFORMATION	Number of Network ports per node (Hint: Select '0' if not applicable 3 or higher	Request you to modify as below to achieve the card level redundancy : Number of Network ports per node (Hint: Select '0' if not applicable 2 X Dual Port or higher	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
100	Page 4, Scope of Work, Clause 1 - BASIC INFORMATION	Total usable Cores available (after installation of HCI software resources required for solution) in the offered solution (Hint :- Select '0' if not applicable) Minimum 192 cores or higher	Request you to clarify below point : As per the this clauses, the requested configuration 3 node will provide 192 raw cores. The total usable core available after HCI software will be less than 192 cores. Please clarify if we should offer raw 192 cores or more cores/nodes needs to be factored. Please clarify	The requirement of minimum 192 cores refers to the usable CPU cores available after allocation of resources required for the HCI software/platform . The bidder shall size and propose the required hardware configuration accordingly to meet the minimum usable core requirement specified in the RFP.
101	Page 8, Scope of Work, Clause 5 - HCI Generic Parameters	Minimum 16 Node Or higher Number of nodes HCI supports in same cluster/deployment, such that any node out of the offered be able to use the storage of all other nodes	Request you to modify as below : Minimum 32 Node or Higher for have better scalability in future which is supported by most of the enterprise grade hci solution	bidder may provided as an additional feature but is not mandatory
102	Page 7, Scope of Work, Clause 5 - HCI Generic Parameters	HCI support - Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	Please modify the clause as below for flexibility to chose the enterprise grade hypervisors and avoid vendor lock-in : Proposed solution shall support any two or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	The specified requirement is the minimum requirement. Bidders may propose solutions supporting one or more industry-standard enterprise hypervisors, meeting the requirements of the RFP.
103	RFP Page No: 1 Eligibility Criteria: Serial Number: 5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	We hereby request to consider SmartRack OEM having value of Rs 3Cr work order should be available in the last three financial years as on bid submission.	Please see corrigendum.
104	RFP Page No: 10, 5: Rear Door:	Lockable Perforated Steel Door	This is a requirement for a Smart Rack with an integrated closed-loop cooling system. As per industry best practices, the rear rack door should be a split plain door to ensure ease of access, maintenance, and compatibility with the cooling design. Both the front and rear rack doors shall be equipped with magnetic locks. The doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, ensuring secure and centralized access management. We herbey request to consider the same and kindly make necessary corrigendum for the same	Please see corrigendum.
105	RFP Page No: 10, 7: Side Panels	Removable with Key Locks	We hereby request you to consider that the side panels shall be removable and secured using latch locks, key locks, or screws, as per the OEM's standard design and best practices.	Please see corrigendum.
106	RFP Page No: 10, 12: Secure Locks		With reference to Serial/Point No. 29 regarding the Biometric Access Control System, we hereby request you to consider that the front and rear rack doors shall be equipped with magnetic locks. Both doors shall operate on a fail-safe principle and be controlled through a common biometric access control system, as per the OEM's standard design.	Please see corrigendum.
107	RFP Page No: 10, 22: Intelligent Power	Distribution: 2 x Intelligent Metered PDU, 32A, C13/C19 Mixed Outlets	Kindly specify whether the required Rack PDU is 1-Phase (7.3 kW) or 3-Phase (22 kW). Based on this information, the OEM will be able to provide the appropriate solution prerequisites, including the electrical input cable sizing and input power capacity requirements. Also, last remark after point/Serial no 36, kindly clarify that PDU required PDU level monitoring or socket level monitoring.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
108	RFP Page No: 10, 23: Power Strips	Minimum 2	Pls specify the number of socket, types of socket and Amp rating for the same	The bidder shall provide the required number, type, and rating of outlets as per the proposed solution to meet the functional and technical requirements of the RFP
109	RFP Page No: 10, 24: Cooling Capacity:	Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred), 2 Units of 2 Ton AC which will run in redundancy mode.	Please note that 20 kW of cooling capacity is approximately equivalent to 5.7 TR, whereas 2 TR is approximately equivalent to 7 kW. Kindly clarify the actual cooling capacity requirement, i.e., whether the requirement is 20 kW or 7 kW. Further, if the department intends to procure a 20 kW cooling unit, we recommend specifying that the unit shall deliver a net sensible cooling capacity of 20 kW under the following operating conditions to ensure reliable performance during the peak summer conditions in Gandhinagar: Ambient temperature: 46°C: which is peak Summer ambient of the Gandhinagar city Supply air temperature: 22 ± 1°C Return air temperature: 35°C This approach will ensure that the cooling unit is appropriately sized and capable of maintaining the desired IT operating environment under the site's maximum design ambient conditions.	Please see corrigendum.
110	RFP Page No: 10, 30: Monitoring Interface:	Integrated Monitoring and Alerting Dashboard	Wrt to point no 36 and remark after it, We hereby request to consider as Detailed Monitoring & Diagnostics through Monitoring hardware device, 1U rack mountable, with redundant input power supplies & capable of single window monitoring of all the environmental parameters like temperature, humidity, door access, smoke etc along with UPS & air conditioning through a single window dashboard over ethernet & Capable for sending Email Alerts The monitoring unit should support IPMI protocol to enable feature to Access server Service Processor. The Monitoring unit should have feature to enable graceful shutdown of the IT servers supporting IPMI Protocol. Monitoring unit should be integrated with energy meter of the Smart rack DB Panel & should be able to monitor the Main Input power Voltage, Current, power consumption.	As per RFP
111	RFP Page No: 10, 34: Width:	900 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, Rack width shall be 800 mm or higher which needs to be integrated with an In-Row cooling system. Racks with a width of 900 mm or 1000 mm are typically designed for in-rack cooling systems, which generally support cooling capacities of up to 7 kW. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
112	RFP Page No: 10, 35: Depth	3600 mm or Higher	As per Smart Rack OEM design standards, if the department is considering a 20 kW cooling capacity, the Rack depth shall be 1800mm which includes Front 300mm ColdAisle containment, 1200mm IT Rack depth and rear 300mm Hot Aisle containment. this is best practices across the OEM with an In-Row cooling system offering. where In-Rack cooling system support up to 12000mm rack depth. Accordingly, we request the department to kindly make necessary corrigendum for the same.	Please see corrigendum.
113	Page no:11, Serial Number: NA Clause: NA	The Smart Rack shall support installation of HCI nodes, Top-of-Rack (ToR) switches, firewall appliances, intelligent PDUs, UPS, cooling units, and associated power/network cabling infrastructure with provision for future scalability. The rack shall provide integrated monitoring, environmental controls, security, and power management capabilities under a unified management framework.	We hereby request to elaborate and clarify the requirement for "power management capabilities under a unified management framework"	The Smart Rack shall provide centralized monitoring and management of power-related components such as PDUs, UPS, and associated infrastructure through a unified management interface.
114	NA	Site Survey for Smart Rack room/DC room	We hereby request the department to kindly share the room layout, including the proposed Outdoor Unit (ODU) installation location. Alternatively, we request permission to conduct a site visit and site survey to assess the civil and electrical prerequisites, verify the feasibility of the installation, and evaluate the department's readiness for the activities falling under its scope of work.	Clarification Adequate Room Size will be provided as per solution requirement.
115	3	The OEM of the proposed product should have a total sum of turnover of Rs. 60 Crore (Minimum) in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	Requested to change as per below : The OEM of the proposed product should have a total sum of turnover of Rs. 60 Crore (Minimum) in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack.	As per RFP
116	5	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	Requested to change as per below : OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack.	Please see corrigendum.
117	3	Bidder should be authorized by the OEM to quote this bid. MAF of HCI solution, Firewall, Smart Rack, Software should be submitted.	Requested to change as per below : Bidder should be authorized by the OEM to quote this bid. MAF of HCI solution, Firewall, Smart Rack should be submitted.	As per RFP
118	1	The bidder shall supply, install, configure, test and commission the proposed Hyper-Converged Infrastructure (HCI), Network, Security, Software and all associated hardware/software components, including required licenses, for the GUDM e-Nagar Project.	Requested to change as per below : The bidder shall supply, install, configure, test and commission the proposed Hyper-Converged Infrastructure (HCI), Network, Security, Software and all associated hardware/software components, including required licenses, for the GUDM e-Nagar Project.	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
119	6	The proposed solution shall support migration and deployment of applications from the UAT/Development environment to the GSDC Production Environment and shall be compatible with the VMware Tanzu platform deployed at GSDC. The bidder shall provide all necessary migration, integration, testing and deployment support without any additional cost.	GSDC may scrap this RFP and float a separate PAC RFP if existing VMware Tanzu Cluster is to be expanded. Else Kindly remove this Point.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
120	7	Any Hardware, software, accessories, tools configuration, interoperability or migration-related activities required for successful deployment in the VMware Tanzu environment shall be in the scope of the bidder without any additional cost to GUDM.	GSDC may scrap this RFP and float a separate PAC RFP if existing VMware Tanzu Cluster is to be expanded. Else Kindly remove this Point.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
121	8	The bidder shall provide and configure a dedicated 1 GPU based single node with capacity of 48 GB or higher for AI/ML, analytics and future application requirements.	Requested to clarify	The bidder may propose the GPU solution either as a standalone dedicated GPU server or as part of the proposed HCI solution , as per the proposed solution architecture, provided all RFP technical requirements are met. However, the cost of the dedicated GPU server shall be included under the HCI Solution head in the Price Bid. After completion of the Reverse Auction (RA), the successful bidder shall submit a separate line-item-wise price breakup for the GPU server and associated components.
122	9	The bidder shall provide and configure the UTM/Next Generation Firewall, network switches, smart rack, UPS, cooling, monitoring, and all other supporting infrastructure required for successful operation of the solution. Any electrification required will be extended by the bidder.	Requested to clarify	Clarification The bidder shall be responsible for all internal electrification, power distribution, cabling, installation, configuration, and commissioning required for successful implementation of the proposed solution.
123	11	The bidder shall ensure integration of the proposed infrastructure with the existing GSDC/GUDM network and security environment and comply with all applicable policies, standards and guidelines. Any security, vulnerabilities identified by GSOC/GSDC in hardware or application has to be resolved in co-ordination with application and security team.	Requested to change as per below : The bidder shall ensure integration of the proposed infrastructure with the existing GSDC/GUDM network and security environment and comply with all applicable policies, standards and guidelines. Any security, vulnerabilities identified by GSOC/GSDC in proposed solution has to be resolved in co-ordination with application and security team.	The bidder shall ensure integration of the proposed infrastructure with the existing GSDC/GUDM network and security environment and comply with all applicable policies, standards and guidelines. Any security vulnerabilities identified by GSOC/GSDC in the proposed solution shall be resolved by the bidder. The bidder shall coordinate with the application and security teams for application-related issues, wherever applicable
124	13	The bidder shall conduct Factory Acceptance Testing (FAT), installation, commissioning and operational acceptance of the proposed solution in coordination with GUDM/GIL and obtain necessary sign-offs.	Requested Changes as per Below : The bidder shall conduct User Acceptance Testing (UAT), installation, commissioning and operational acceptance of the proposed solution in coordination with GUDM/GIL and obtain necessary sign-offs.	Please see corrigendum.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
125	14	The bidder shall rectify all discrepancies observed during FAT, testing, commissioning or acceptance activities and ensure successful completion of the project as per the contractual requirements.	Requested Changes as per Below : The bidder shall rectify all discrepancies observed during UAT, testing, commissioning or acceptance activities and ensure successful completion of the project as per the contractual requirements.	As per RFP
126	1	Total usable Cores available (after installation of HCI software resources required for solution) in the offered solution (Hint :- Select '0' if not applicable)	Requested to Clarify	The requirement of minimum 192 cores refers to the usable CPU cores available after allocation of resources required for the HCI software/platform . The bidder shall size and propose the required hardware configuration accordingly to meet the minimum usable core requirement specified in the RFP.
127	1	The offered HCI solution shall provide minimum 170 TB usable storage (without deduplication and compression benefits) and the same usable capacity shall be available under N+1 failure condition (failure of any one node).	Requested Changes as per Below. The offered HCI solution shall provide minimum 170 TB usable storage (without deduplication and compression benefits) and the same usable capacity shall be available under N+1 failure condition (failure of any one node) and should provide 100% Data Availability Guarantee and Cyber Resilience (protection against ransomware attacks) from HCI Solution OEM.	As per RFP
128	1	Throughput Per Network port : 10/25 Gbps Or higher Type of Network port : SFP+	Requested Changes as per below : Throughput Per Network port : 10/25 Gbps Or higher Type of Network port : SFP28	Please see corrigendum.
129	4	HCI is configuration of SSD/SAS/NL SAS/NVMe then the caching must be on appropriate capacity of SSD/NVME drives to meet the IOPS/performance requirements.	Requested to remove this POINT.	Please see corrigendum.
130	4	Capable of creating instant snapshots of virtual machines and maintaining multiple copies of snapshots & clones.	Requested Changes as per below : Capable of creating instant immutable snapshots of virtual machines and maintaining multiple copies of snapshots & clones.	The requirement specified in the RFP is the minimum requirement. Support for immutable snapshots may be allowed as an additional feature but is not mandatory.
131	6	HCI having built-in security for data.	Requested Changes as per below : HCI having self encrypting drives for built-in security for data.	This feature may be provided as an additional feature but is not mandatory
132		HCI Features 4 3. Support for VM or APP consistent snapshot/backup.	Requested Changes as per below : 3. Support for VM or APP consistent immutable snapshot/backup.	The requirement specified in the RFP is the minimum requirement. Support for immutable snapshots may be allowed as an additional feature but is not mandatory.
133		Supports 2. Antivirus, 3. Anti malware	Kindly clarify	The proposed solution shall support Anti-Virus and Anti-Malware features/capabilities, as applicable, in accordance with the RFP requirements.
134		Supported industry protocols by HCI : 1. NFS 2. CIFS 3. SMB 4. iSCSI 5. Equivalent IP Storage Protocol 6. iSCSI for Containers	Requested Changes as per below : 1. NFS 2. CIFS 3. SMB 4. iSCSI 5. iSCSI / NVME over TCP	The proposed storage solution shall support NFS, CIFS/SMB, iSCSI, Container Storage, and/or equivalent industry-standard IP storage protocols, as applicable to the proposed solution and application requirements . The actual protocol(s) to be utilized shall be based on the application and deployment requirements during implementation.

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
135	ATC	The proposed HCI solution and virtualization platform should support seamless migration and deployment of workloads/applications from UAT environment to existing VMware Tanzu/containerized ecosystem at GSDC Production Environment, wherever applicable.	GSDC may scrap this RFP and float a separate PAC RFP if existing VMware Tanzu Cluster is to be expanded. Else Kindly remove this Point.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
136	ATC	However, if GUDM plans to extend this to an advanced chatbot using NLP/LLM-based capabilities, additional GPU-based infrastructure will be required for UAT and Staging environments. The indicative configuration is as below: UAT & Staging: • GPU Memory: Minimum 48 GB ECC GPU Memory or higher; Tensor Cores: Minimum 500 or higher; GPU shall support AI/ML, Deep Learning, NLP, LLM, and containerized workloads. GPU should be compatible with the proposed server platform. • CPU – 8 Cores, 16 GB RAM • Storage – 500 GB • OS – Ubuntu 22.04 or above Further, the Production environment infrastructure will be proposed separately. The container platform must support GPU resource allocation for AI/ML workloads	Requested to clarify	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
137	ATC	Networking part: 24 x 10/25GbE SFP+ & 4 x 100GbE QSFP data center grade switch + L3 License All 24 ports should be populated with 25G Module from day 1	Requested Changes as per Below : Networking part: 24 x 10/25GbE SFP28 & 4 x 100GbE QSFP data center grade switch + L3 License All 24 ports should be populated with 25G Module from day 1 Also requested to clarify if Bidder to Consider 2 x 12 Port 25G Considered under HA or 1 x 24 Port 25G Switch.	The specified switch configuration is the minimum requirement. Bidders may offer a Datacenter standard switch with higher port density, without any additional cost to GoG, provided the proposed solution meets all the requirements of the RFP
138		Uptime: It is required to maintain uptime of 99.741%. Further, the bidder is responsible for providing comprehensive warranty and support (24x7x365) for the period of five years from the date of successful completion of FAT.	Requested Changes as Below : Uptime: It is required to maintain uptime of 99.741% along with 100% Data Availability Guarantee. Further, the bidder is responsible for providing comprehensive warranty and support (24x7x365) for the period of five years from the date of successful completion of UAT.	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
139		Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred) , 2 Units of 2 Ton AC which will run in redundancy mode.	Requested Changes a per Below : Minimum 20 KWA or Higher In-Rack Precision Cooling in High Availability.	Please see corrigendum.
140	Additional Eligibility Evaluation Criteria: Page No. 1	The bidder should have a total sum of turnover of Rs. 24 Crore (Minimum) in the last three financial years as on bid submission.	We request the authority to kindly amend the eligibility criterion and increase the minimum cumulative turnover requirement from ₹24 Crore to ₹100 Crore during the last three financial years.	As per RFP
141	Additional Eligibility Evaluation Criteria: Page No. 1	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last three financial years to any central / state Government / PSU/ Listed Company as on bid submission. ☐One work order having value of Rs. 10 Cr or ☑Two work orders, each work order having value of Rs. 6 Cr or ☑Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	We request the authority to kindly amend the experience criteria as follows: The bidder should have successfully executed Supply, Installation, Testing & Commissioning (SITC) of Hyper-Converged Infrastructure (HCI) / Data Centre IT Infrastructure comprising Server, Storage, Virtualization, Networking, and Security for Central/State Government/PSU/Listed Companies, with any one of the following during the last three financial years as on the bid submission date: One completed work order having a minimum value of ₹20 Crore , or Two completed work orders, each having a minimum value of ₹15 Crore , or Three completed work orders, each having a minimum value of ₹10 Crore .	Please see Corrigendum
142	Addition of Certification	Addition of Certification	We request the authority to kindly amend the eligibility criteria to require that the bidder possesses a minimum of three (3) of the following valid certifications: ISO 9001 ISO 27001 ISO 20000-1 CMMI Level 3	As per RFP
143	Firewall (Minimum Specification) Page NO. 12 Clause No. 7	Appliance shall have minimum 2x 10G/25G SFP+ interfaces from day one.	smaller appliance doesn't come with 25 Gbps ports. Need to relax this clause	Please see Corrigendum
144	HCI Solution As per GEM ATC clause Page NO. 10	Networking part: 24 x 10/25GbE SFP+ & 4 x 100GbE QSFP data center grade switch + L3 License All 24 ports should be populated with 25G Module from day 1	25 Gbps ports mostly come with 48 Ports model not in 24 Port option for all OEM participation please allow 48 port option	The specified switch configuration is the minimum requirement. Bidders may offer a Datacenter standard switch with higher port density, without any additional cost to GoG, provided the proposed solution meets all the requirements of the RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
145	Page 3, Scope of Work, Clause 6, Page 9, ATC Clause	The proposed solution shall support migration and deployment of applications from the UAT/Development environment to the GSDC Production Environment and shall be compatible with the VMware Tanzu platform deployed at GSDC. The bidder shall provide all necessary migration, integration, testing and deployment support without any additional cost.	kindly provide clarification on existing Prod setup and integration to be done.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
146	Page 4, Scope of Work, Clause 1 - BASIC INFORMATION	Number of Network ports per node (Hint: Select '0' if not applicable 3 or higher	Request you to modify as below to achieve the card level redundancy : Number of Network ports per node (Hint: Select '0' if not applicable 2 X Dual Port or higher	Please see corrigendum.
147	Page 4, Scope of Work, Clause 1 - BASIC INFORMATION	Total usable Cores available (after installation of HCI software resources required for solution) in the offered solution (Hint :- Select '0' if not applicable) Minimum 192 cores or higher	Request you to clarify below point : As per the this clauses, the requested configuration 3 node will provide 192 raw cores. The total usable core available after HCI software will be less than 192 cores. Please clarify if we should offer raw 192 cores or more cores/nodes needs to be factored. Please clarify	The requirement of minimum 192 cores refers to the usable CPU cores available after allocation of resources required for the HCI software/platform . The bidder shall size and propose the required hardware configuration accordingly to meet the minimum usable core requirement specified in the RFP.
148	Page 8, Scope of Work, Clause 5 - HCI Generic Parameters	Minimum 16 Node Or higher Number of nodes HCI supports in same cluster/deployment, such that any node out of the offered be able to use the storage of all other nodes	Request you to modify as below : Minimum 32 Node or Higher for have better scalability in future which is supported by most of the enterprise grade hci solution	As per RFP
149	Page 7, Scope of Work, Clause 5 - HCI Generic Parameters	HCI support - Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	Please modify the clause as below for flexibility to chose the enterprise grade hypervisors and avoid vendor lock-in : Proposed solution shall support any two or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	The specified requirement is the minimum requirement. Bidders may propose solutions supporting one or more industry-standard enterprise hypervisors, meeting the requirements of the RFP.
150	Page no 24, Minimum Specification, Firewall, Clause no 2	Minimum 240 GB or higher onboard storage	Please modify as: Minimum 120 GB or higher onboard storage	As per RFP
151	Page no 24, Minimum Specification, Firewall, Clause no 4	Minimum 2 Gbps Firewall throughput	Please modify as: Minimum 6 Gbps Firewall throughput	It is minimum requirement bidder can propose Higher side without additional cost to GUDM.
152	Page no 24, Minimum Specification, Firewall, Clause no 5	Minimum 2 Gbps IPS throughput	Please modify as: Must have at least 25,000 IPS signature and must have TPM module on hardware	As per RFP
153	Page no 24, Minimum Specification, Firewall, Clause no 6	Minimum 1 Gbps Threat Protection throughput	Please modify as: Minimum 4 Gbps Threat Protection throughput	It is minimum requirement bidder can propose Higher side without additional cost to GUDM.
154	Page no 24, Minimum Specification, Firewall, Clause no 7	Appliance shall have minimum 2x 10G/25G SFP+ interfaces from day one	Please modify as: Appliance shall have minimum 2x 1G/10G SFP/SFP+ interfaces from day one	please see corrigendum.
155	Page no 24, Minimum Specification, Firewall, Clause no 9	Minimum 5 Gbps IPSec VPN throughput	Please modify as: Minimum 4 Gbps IPSec VPN throughput	As per RFP
156	Page no 24, Minimum Specification, Firewall, Clause no 16	Supports minimum 1 Million concurrent sessions	Please modify as: Supports minimum 350K concurrent sessions	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
157	Page no 24, Minimum Specification, Firewall, Clause no 20	Appliance shall be supplied with all required subscriptions/licenses for IPS, URL Filtering, Anti-Malware, Application Control, and Threat Protection from Day-1.	Please modify as: Appliance shall be supplied with all required subscriptions/licenses for IPS, URL Filtering, Anti-Malware, Application Control, DNS Security, Sandboxing and Threat Protection from Day-1.	As per RFP
158	Page 11, Smart Rack 42 U, Physical Dimensions, Item 36	Existing Clause: Depth: 3600 mm or Higher	Query/Suggestion: A rack depth of 3600 mm (3.6 meters) is highly non-standard for a single 42U server enclosure. Standard enterprise server racks typically have a depth between 1000 mm and 1200 mm. Kindly clarify if this is a typographical error and confirm if the intended requirement is 1000 mm / 1200 mm.	Please see corrigendum.
159	Page 10, Smart Rack 42 U, Specification Parameter, Item 13 & 24	Existing Clause: Item 13: Cooling Capacity: Minimum 20 kW Item 24: Minimum 20 kW In-Rack Precision Cooling (N+1 Redundancy Preferred) , 2 Units of 2 Ton AC which will run in redundancy mode.	Query/Suggestion: There is a thermodynamic mismatch in this requirement. Two units of 2 Ton ACs operating in an N+1 redundancy configuration (where 1 unit is active) provide approximately 7 kW of cooling capacity (1 TON = 3.517 kW). Even combined, they only yield 14 kW, which falls short of the mandated 20 kW cooling capacity. Kindly clarify the exact heat load dissipation requirement and configuration.	Please see corrigendum.
160	Page 3, Scope of Work, Clause 6 & 7	Existing Clause: Clause 6: The proposed solution shall support migration and deployment of applications from the UAT/Development environment to the GSDC Production Environment and shall be compatible with the VMware Tanzu platform deployed at GSDC... Clause 7: Any Hardware, software, accessories, tools configuration, interoperability or migration-related activities required for successful deployment in the VMware Tanzu environment shall be in the scope of the bidder without any additional cost to GUDM.	Query/Suggestion: The HCI specifications allow for multiple hypervisors (AHV, Hyper-V, vsphere, KVM, etc.), but cross-platform container migration into a production VMware Tanzu environment requires specific cross-cloud orchestration licenses. Kindly confirm if GUDM will provide the necessary VMware Tanzu migration tools/licenses at the production end, or if the bidder must budget for external migration tool licenses in the price schedule.	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
161	Page 12, Firewall, Minimum Specification, Item 3 & 6	Existing Clause: Item 3: Minimum 2 Gbps Firewall throughput. Item 6: Appliance shall have minimum (2x 10g / 25G SFP+) interfaces from day one.	Query/Suggestion: A firewall processing engine restricted to 2 Gbps of throughput will create a massive network bottleneck if traffic is routed across the requested 10 Gbps or 25 Gbps physical interface lines. To align with standard data center practices, we request increasing the minimum Firewall throughput benchmark to match line-rate scaling, or clarifying the expected internal cross-zone throughput.	Please see Corrigendum

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Response to Pre-Bid Queries

Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
162	Page 5, Minimum Specification HCI Solution, Basic Information, Row 2 & Row 9	Existing Clause: Row 2: Total usable Storage in TB available without using Deduplication, Compression... Minimum 170 TB usable storage... under N+1 failure condition. Row 9: Type of storage media offered with the solution: 4. NVMe	Query/Suggestion: The specification does not define disk performance and endurance parameters. To ensure long-term stability over the mandatory 5-year support cycle under heavy database and container workloads, kindly specify the minimum SSD Drive Writes Per Day (DWPD) requirement and the minimum cache-to-capacity tier ratio.	As per RFP
163	Additional Eligibility Evaluation Criteria: Clause 4, Page 1	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and following value of work order should be available in the last three financial years as on bid submission. ? One work order having value of Rs. 10 Cr or ? Two work orders, each work order having value of Rs. 6 Cr or ? Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	As per Rule 173(i) of the General Financial Rules (GFR) and the Public Procurement Policy for MSEs Order, central and state autonomous bodies are encouraged to relax prior experience and turnover criteria for MSEs to promote healthy market competition, provided they meet technical specifications. Request to completely relax the past experience requirement for Micro and Small Enterprises (MSEs) / Startups in line with the Public Procurement Policy and standard GeM guidelines.	As per RFP
164	Additional Eligibility Evaluation Criteria: Clause 5, Page 1	OEM Should have supplied HCI solution having value of Rs. 30 cr. work order should be available in the last three financial years as on bid submission. OEM: HCI solution, Firewall, Smart Rack, Software part.	As per our understanding, this experience applies to the Core HCI component. Separate specialized OEMs (Firewall, Smart Rack) should not be bound by this bundled Rs. 30 Cr HCI clause. Please confirm.	please see corrigendum.
165	Additional Eligibility Evaluation Criteria: Note, Clause 2, Page 2	2. Bidder's experience and bidder's turnover criteria will not be considered for the GeM bid; however, the bidder must match the eligibility criteria, experience, and bidder's turnover criteria as mentioned in this document and will be considered for evaluation.	As per Rule 173(i) of the General Financial Rules (GFR) and the Public Procurement Policy for MSEs Order, central and state autonomous bodies are encouraged to relax prior experience and turnover criteria for MSEs to promote healthy market competition, provided they meet technical specifications. Request to completely relax the past experience requirement for Micro and Small Enterprises (MSEs) / Startups in line with the Public Procurement Policy and standard GeM guidelines.	As per RFP
166	Point-4, Additional Eligibility Evaluation Criteria:	Bidder should have Supply, Installation, Testing and Commissioning (SITC) of hyper-converged infrastructure (HCI) related work / Data Centre IT Infrastructure related experience i.e. Server, Storage, Virtualization, Network and Security and the following value of work order should be available in the last three financial years to any central / state Government / PSU/ Listed Company as on bid submission. One work order having value of Rs. 10 Cr or Two work orders, each work order having value of Rs. 6 Cr or Three work orders, each work order having value of Rs. 5 Cr All work orders/contracts should be in the name of the bidder	Request for consider Group company / Owned child company experience, for HCI experience eligibility criteria.	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
167		Generic node HCI (consisting of both Compute and Storage)	Offered storage should be a next generation storage platform which shall offer the functionality of both Converged as well as Hyper-converge with independent scaling of both Storage and Compute without any downtime. Offered Platform must have complete independence for the scaling of both Compute and Storage platform. Scaling of both components shall be completely independent without any immediate disk re-balancing operation.	As per RFP
168		Total usable Storage in TB available without using Deduplication, Compression (after installation of HCI software resources required for solution) in the offered solution The offered HCI solution shall provide minimum 170 TB usable storage (without deduplication and compression benefits) and the same usable capacity shall be available under N+1 failure condition (failure of any one node).	The offered HCI solution shall provide minimum 170 TB usable storage (without deduplication and compression benefits) and the same usable capacity shall be available under N+2 failure condition (failure of any two nodes at once). Even in the event of failure of 2 out of 3 nodes, complete 170TB usable capacity must be available for the 3rd Node.	As per RFP
169		Number of Network ports per node (Hint: Select '0' if not applicable 3 or higher	4 x 10/25G SFP+/SFP28 or higher	Please see corrigendum.
170	PERFORMANCE	IOPS delivered at 70:30 Read:Write Ratio on 8K block size with latency of 5ms maximum for each node 100000 Or higher	1,00,000 or higher with underlying condition that offered platform shall have flexibility to utilize all offered drives on storage layer for a given virtual machine for both read and write operations and shall not be limited to local node allocation with sub milli sec latency. There shall be absolutely no performance de-gradation whatsoever during critical support activities like Firmware upgrade, patch upgrade etc.	As per RFP
171	HCI Features 1	1. HCI have all the features of offered industry standard hypervisor. 2. HCI have independently scale storage and compute as and when needed without any downtime. 3. HCI have mechanism for Metadata protection for all offered nodes within the cluster so as to provide high availability and no single point of failure. 4. HCI is configuration of SSD/SAS/NL SAS/NVMe then the caching must be on appropriate capacity of SSD/NVME drives to meet the IOPS/performance requirements. 5. HCI supports thin provisioning of both storage entities and virtual machine hard disks. 6. HCI provides automatic failover in case of hardware failure. 7. VLAN for networking and integrated VM IP's Management capabilities. 8. HCI has security compliance methodology to ensure highly secure environment. 9. HCI has data replication with WAN optimization.	1. HCI have all the features of offered industry standard hypervisor. 2. HCI must have independently scale storage and compute as and when needed without any downtime and must be offered with 100% data availability guarantee storage tier. 3. HCI have mechanism for Metadata protection for all offered nodes within the cluster so as to provide high availability and no single point of failure. 4. HCI solution should be all-NVMe solution. 5. HCI supports thin provisioning of both storage entities and virtual machine hard disks. 6. HCI provides automatic failover in case of hardware failure. 7. VLAN for networking and integrated VM IP's Management capabilities. 8. HCI has security compliance methodology to ensure highly secure environment. 9. HCI has data replication with WAN optimization for a minimum of 100 VMs license from day one.	Clarification VM Detail Provide to the Successful Bidder.

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Response to Pre-Bid Queries				
Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
172	HCI Features 5	1. Management tool is built into the solution, scales with the cluster, and does not require separate hardware infrastructure. 2. Integrated/Software based Remote Data recovery/Replication solution. 3. Data Integrity Checks. 4. Management tool provides visibility of network infrastructure. 5. Integrated management for hyperconverged infrastructure and virtual environments with Storage & Compute/Storage/Network/Compute. 6. Intelligent data distribution across all nodes and uniform capacity utilization across all nodes at all time.	1. Management tool is built into the solution, scales with the cluster, and does not require separate hardware infrastructure. 2. Integrated/Software based Remote Data recovery/Replication solution with RPO<=5 mins must be bundled for a minimum of 100 VMs license from day one. 3. Data Integrity Checks. 4. Management tool provides visibility of network infrastructure. 5. Integrated management for hyperconverged infrastructure and virtual environments with Storage & Compute/Storage/Network/Compute. 6. Intelligent data distribution across all nodes and uniform capacity utilization across all nodes at all time.	Clarification VM Detail Provide to the Successful Bidder.
173	Supported industry protocols by HCI	1. NFS 2. CIFS 3. SMB 4. iSCSI 5. Equivalent IP Storage Protocol 6. iSCSI for Containers	1. NFS 4. iSCSI 5. Equivalent IP Storage Protocol	The proposed storage solution shall support NFS, CIFS/SMB, iSCSI, Container Storage, and/or equivalent industry-standard IP storage protocols, as applicable to the proposed solution and application requirements. The actual protocol(s) to be utilized shall be based on the application and deployment requirements during implementation.
174	HCI support	Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, Hyper-V, vSphere, Xen, KVM, RHEV, or equivalent.	Proposed solution shall support any one or more industry-standard enterprise hypervisors such as AHV, Hyper-V, vSphere, Xen, KVM, RHEV, HPE Morpheus VM Essentials or equivalent.	The specified requirement is the minimum requirement. Bidders may propose solutions supporting one or more industry-standard enterprise hypervisors, meeting the requirements of the RFP.

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Response to Pre-Bid Queries				
Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
175	ATC clause	The proposed HCI solution and virtualization platform should support seamless migration and deployment of workloads/applications from UAT environment to existing VMware anzu/containerized ecosystem at GSDC Production Environment, wherever applicable. Bidder shall ensure smooth migration, integration, and operational continuity during implementation. Currently, we are working on an AI-based chatbot within the scope defined in the RFP, primarily to assist citizens through FAQs and scenario based automated responses for respective ULB services. However, if GUDM plans to extend this to an advanced chatbot using NLP/LLM-based capabilities, additional GPU based infrastructure will be required for UAT and Staging environments. The indicative configuration is as below: UAT & Staging: • GPU Memory: Minimum 48 GB ECC GPU Memory or higher; Tensor Cores: Minimum 500 or higher; GPU shall support AI/ML, Deep Learning, NLP, LLM, and containerized workloads. GPU should be compatible with the proposed server platform. • CPU – 8 Cores, 16 GB RAM • Storage – 500 GB • OS – Ubuntu 22.04 or above Further, the Production environment infrastructure will be proposed separately. The	The proposed HCI solution and virtualization platform should support seamless migration and deployment of workloads/applications from UAT environment to wherever possible and feasible. Bidder shall ensure smooth migration, integration, and operational continuity during implementation. Currently, we are working on an AI-based chatbot within the scope defined in the RFP, primarily to assist citizens through FAQs and scenario based automated responses for respective ULB services. However, if GUDM plans to extend this to an advanced chatbot using NLP/LLM-based capabilities, additional GPU based infrastructure will be required for UAT and Staging environments. The indicative configuration is as below: UAT & Staging: • GPU Memory: Minimum 48 GB ECC GPU Memory or higher; Tensor Cores: Minimum 500 or higher; GPU shall support AI/ML, Deep Learning, NLP, LLM, and containerized workloads. GPU should be compatible with the proposed server platform. • CPU – 8 Cores, 16 GB RAM • Storage – 500 GB • OS – Ubuntu 22.04 or above Further, the Production environment infrastructure will be proposed separately. The container platform must support GPU resource allocation for AI/ML workloads	The bidder may propose any enterprise-grade virtualization and/or container platform for UAT/Development environment. However, the proposed solution shall support seamless migration, deployment, and interoperability of applications and workloads to the existing VMware Tanzu-based GSDC Production Environment. The bidder shall provide all necessary migration, integration, testing, and deployment support using OEM-supported tools and services, without any additional cost to GoG.
176	Important Industry Standards missing in the RFP	Important Clause to be added	ACPI 6.4 Compliant PCIe 5.0 Compliant Wake on LAN (WoL) Support Microsoft® Logo certifications PXE Support Energy Star 4.0 SMBIOS 3.1 Redfish API IPMI 2.0 Secure Digital 4.0 Advanced Encryption Standard (AES) Triple Data Encryption Standard (3DES) SNMP v3 TLS 1.2 DMTF Systems Management Architecture for Server Hardware Command Line Protocol (SMASH CLP) Active Directory v1.0 ACURAC A2/A4	As per RFP

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Sr. No.	RFP Page No.,Section No. , Clause No.	Existing Clause as per RFP	Query/Suggestion of Bidder	Clarification
177	Important Security Standards missing in the RFP	Important Clause to be added	Security Compliance: UEFI Class 3 (Unified Extensible Firmware Interface Forum) UEFI Secure Boot and Secure Start support Immutable Silicon Root of Trust FIPS 140-3 validation Common Criteria certification Configurable for PCI DSS compliance Advanced Encryption Standard (AES) and Triple Data Encryption Standard (3DES) on browser Support for Commercial National Security Algorithms (CNSA) Tamper-free updates - components digitally signed and verified Secure Recovery - recover critical firmware to known good state on detection of compromised firmware Ability to rollback firmware Secure erase of NAND/User data TPM (Trusted Platform Module) 2.0 Bezel Locking Kit option Chassis Intrusion detection option	As per RFP
178	4.4	HCI is configuration of SSD/SAS/NL SAS/NVMe then the caching must be on appropriate capacity of SSD/NVMe drives to meet the IOPS/performance requirements.	If possible, please remove SSD/SAS/NLSAS. NVMe is the industry standard drive and using other media can affect performance.	please see corrigendum.
179	4.8	HCI has security compliance methodology to ensure highly secure environment.	Please specify the required security standards/compliance frameworks such as STQC, CERT-In, ISO 27001, encryption at rest, FIPS 140-2/140-3, or any government-specific requirements.	As per RFP
180	4	1. NFS 2. CIFS 3. SMB 4. iSCSI 5. Equivalent IP Storage Protocol 6. iSCSI for Containers	Among NFS, SMB, CIFS, iSCSI and Container Storage, which protocols are mandatory and what percentage of workload is expected on each protocol?	The proposed storage solution shall support NFS, CIFS/SMB, iSCSI, Container Storage, and/or equivalent industry-standard IP storage protocols, as applicable to the proposed solution and application requirements . The actual protocol(s) to be utilized shall be based on the application and deployment requirements during implementation.
181		DR Expectations	Please clarify the expected RPO and RTO requirements for critical applications and whether Active-Active or Active-Passive DR architecture is expected.	The proposed infrastructure is intended for UAT and Development environments. No separate Disaster Recovery (DR) infrastructure is envisaged under the current scope of work.
182		WorkLoad Mix	Kindly provide the expected workload profile such as databases, VDI, virtual machines, ERP, GIS, video surveillance, analytics, AI/ML etc	Bidders are advised to size and propose the solution based on the specifications and requirements defined in the RFP.
183		Scalability	What is the expected infrastructure growth over the next 3-5 years in terms of compute, storage and application expansion?	As per RFP
184		Cloud Native Readiness	Considering the Government's digital transformation roadmap, would solutions offering integrated Kubernetes/OpenShift platform capabilities for future cloud-native applications be considered advantageous?	Bidder may provided as an additional feature but is not mandatory.