

OFFICE OF THE
CYBER CORPORATION MANIPUR LIMITED (CCML)

(A Government of Manipur Undertaking)

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Addendum no. 2 to RFB for Manipur Cyber Security Operations Centre

SN	Reference in RFB	Original Provision as per RFB	Amended Provision
1	Section VII Minimum Requirement Specifications Item_19 - Firewall Policy Manager	9. The solution should support ensuring common security baseline to be enforced and shared among multiple administrative domains (ADOMs).	This clause is deleted.
2	Section VII Minimum Requirement Specifications Item_3 - SIEM 10000 EPS with SOAR, UEBA and EDR	183. Solution must support the English Language and Arabic language on the Dashboards	183. Solution must support the English Language on the Dashboards
3	Section VII	192. Must support a Data Masking capability to remove sensitive data from the view of analysts, such as	192. Must support a Data Masking capability to remove sensitive data from the view of analysts, such

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	<p>Minimum Requirement Specifications</p> <p>Item_3 - SIEM 10000 EPS with SOAR, UEBA and EDR</p>	<p>Emirates ID numbers, passport numbers, social security numbers, credit card numbers, etc.</p>	<p>as passport numbers, social security numbers, credit card numbers, etc.</p>
4	<p>Section VII</p> <p>Minimum Requirement Specifications</p> <p>Item_1 - "Converged Compute & Storage Solution</p>	<p>1. Make/ Brand</p> <p>Converged Solution (Hardware and software) OEM shall be in the Leaders category consecutively in last two published Gartner's Magic Quadrant reports on "Hyperconverged Infrastructure" OR OEM must be from the top 3 OEM's during any four quarters as per last published IDC market share report on Server & Storage for India.</p>	<p>1. Make/Brand</p> <p>a) Converged Solution (Hardware and software) OEM shall be in the Leaders category consecutively in last two published Gartner's Magic Quadrant reports on "Hyperconverged Infrastructure" OR</p> <p>b) OEM must be from the top 3 OEM's during any four quarters as per last published IDC market share report on Server & Storage for India OR</p> <p>c) OEM must be from the top 3 OEM's during any four quarters as per last published IDC market share report on HCI Software for India.</p>
5	<p>Section VII</p> <p>Minimum Requirement</p>	<p>3. Maximum 5000ns latency. Complete L2 routing software/license from day1.</p>	<p>3. Maximum 5000 microsecond latency. Complete L2 routing software/license from day1.</p>

SN	Reference in RFB	Original Provision as per RFB	Amended Provision
	Specifications Item_2 - Management Switch		
6	Section VII Minimum Requirement Specifications Item_23 - Artificial Intelligence Server	<p>1. Form factor Maximum 2U rack mount server with front locking bezel, bezel lock, sliding rails, AC power cords and accessory patch cords (5 or higher meters).</p>	<p>1. Form factor Maximum 5U rack mount server with front locking bezel, bezel lock, sliding rails, AC power cords and accessory patch cords (5 or higher meters).</p>
7	Section VII Minimum Requirement Specifications Item_23 - Artificial Intelligence Server	<p>8. Network ports - 2 no's Dual-ported 25G SFP28(SR), 2-port 200G IB.</p>	<p>8. Network ports - 2 no's Dual-ported 25G SFP28(SR), 2-port 200G IB/Ethernet.</p>
8	Section VII Minimum Requirement Specifications Item_1 - "Converged	<p>5. Proposed Storage subsystem/solution shall have Hardware RAID6 or equivalent erasure coding feature to withstand at-least two-drive failure simultaneously. In case this functionality cannot be supported; solution shall be offered in Replication factor 3 (RF-3) for asked usable capacity with minimum 10% of the offered</p>	<p>5. Proposed Storage subsystem/solution shall have RAID6 or equivalent erasure coding feature to withstand at-least two-drive failure simultaneously. In case this functionality cannot be supported, offered solution must be in RF3 (Replication factor 3) for asked usable capacity.</p>

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	Compute & Storage Solution	storage layer capacity shall be offered using NVMe SSD or better drives for both read and write cache in the offered solution.	
9	Section VII Minimum Requirement Specifications Item_1 - "Converged Compute & Storage Solution	12. Offered storage platform shall support online backup for critical virtual machines using application consistent snapshots. Any license required for same shall be supplied for entire supported capacity of the platform. All created snapshots shall also support global de-duplication and compression.	12. Offered solution shall integrate with backup software or have native capability to support online backup for critical virtual machines using application/crash consistent snapshots. Any license required for same shall be supplied for entire supported capacity of the platform. All created snapshots shall also support global de-duplication and compression.
10	Section VII Minimum Requirement Specifications Item_1 - "Converged Compute & Storage Solution	13. Offered storage platform shall support online backup for critical virtual machines using application consistent snapshots. Any license required for same shall be supplied for entire supported capacity of the platform. All created snapshots shall also support global de-duplication and compression.	This clause is deleted
11	Section VII Minimum Requirement Specifications Item_1 - "Converged Compute &	14. Offered storage platform shall support FAN out synchronous, asynchronous, 3DC replication natively without any additional hardware or software. from primary location to at least two secondary locations for a given volume / Datastore. It shall provide the flexibility to define the separate schedule for each replication relationship.	14. Offered solution shall support synchronous and asynchronous 3DC replication natively without any additional hardware or software.

SN	Reference in RFB	Original Provision as per RFB	Amended Provision
	Storage Solution		
12	Section VII Minimum Requirement Specifications Item_1 - "Converged Compute & Storage Solution	15. Vendor shall provide the license for all critical functionalities like capacity expansion, Snapshot, ransomware detection, Application managed snapshots, Thin Clone, Replication and QOS etc. for the maximum supported capacity of platform. There shall be no additional software license requirement for future capacity upgrade. Any additional license required for meeting the RFB specification shall also be offered upfront.	15. Solution must include applicable licenses for all critical functionalities like capacity expansion, Snapshot, ransomware detection, Replication and QOS etc. for the maximum supported capacity of platform. There shall be no additional software license requirement for future capacity upgrade. Any additional license required for meeting the RFB specification shall also be offered upfront.
13	Section VII Minimum Requirement Specifications Item_1 - "Converged Compute & Storage Solution	21. h) Offered platform flash cache shall have flexibility to copy the cache worthy incoming write requests while writing to back-end disks in parallel. Vendor shall provide the documentary proof.	This clause is deleted