

Report of the Technical Evaluation Committee (TEC) for the “Turnkey Solution of Hardware infrastructure for IMD DSS”

Technical Evaluation Committee was constituted by the Competent authority, to evaluate the Technical Bids received on GeM in response to the bid no. GEM/2025/B/6044537 dated 11-03-2025, for Turnkey Solution of Hardware infrastructure for IMD DSS”.

The Technical Evaluation Committee (TEC) has met on 27/05/2025, 18/06/2025, 19/06/2025, 24/06/2025 & 15/07/2025,04/08/2025 and critically examined the details of both qualifying eligibility criteria and technical evaluations of the below 06 prospective bidders’ technical documents, responded to the above tender.

1. M/s ARIGEN TECHNOLOGY PRIVATE LIMITED
2. M/s DRS IT CONSULTANCY PRIVATE LIMITED
3. M/s INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED
4. M/s NEWGEN IT TECHNOLOGIES LIMITED
5. M/s SS INFORMATION SYSTEMS PRIVATE LIMITED
6. M/s TATA ADVANCED SYSTEMS LIMITED

In this evaluation process, based on the tender bids, the documents received/uploaded by the bidders on the GeM portal, and the presentations and demonstrations made by the bidders, the committee has prepared the compliance tables enclosed as Annexure-I (Eligibility & Qualification Criteria), Annexure-II (Technical Compliance), and Annexure-III (QCBS).Based on the scrutiny and compliance statements, the following observations were made:

1. **M/s ARIGEN TECHNOLOGY PRIVATE LIMITED** has not submitted the requisite documents in accordance with the minimum qualification criteria outlined in the tender (Annexure-I). Specifically, the firm failed to provide proof of a previously executed order involving a minimum of four servers and 100TB of storage capacity. Furthermore, the firm did not attend the scheduled presentation and demonstration, nor did it submit any documents pertaining to employee strength certificates, a list of domain experts, or records related to Comprehensive Annual Maintenance Contracts (CAMC). As a result, based on the evaluation under the quality-based criteria (Annexure III), the firm did not achieve the minimum qualifying score of 70 marks. **Therefore, M/s ARIGEN TECHNOLOGY PRIVATE LIMITED is disqualified from further participation in the selection process and is hereby summarily rejected.**
2. **M/s NEWGEN IT TECHNOLOGIES LIMITED**, during evaluation under the quality-based selection criteria (Annexure III), failed to

achieve the minimum qualifying score of 70 marks mainly due to lack of understanding about the requirement mentioned in the RFP and they were unable to explain and present the complete proposed solution in front of the committee. **There M/s NEWGEN IT TECHNOLOGIES LIMITED is disqualified from further participation in the selection process and is hereby summarily rejected.**

3. **M/s SS INFORMATION SYSTEMS PRIVATE LIMITED's** proposed firewall solution does not fully comply with the defined technical requirements and is therefore not suitable for further consideration. As per tender the bidders are required to provide a 2 no of rack with each 42U solution and but M/s SS INFORMATION SYSTEMS PRIVATE LIMITED submitted their proposed solution with 3 nos of racks, which requires additional space & power/UPS consumption that is not within the scope of work. Firm confirmed that they proposed with 3 nos of racks in front of the committee during evaluation process, which also shows the lack of understanding about the requirement mentioned in the RFP. In RFP it was asked to provide solution within 84U, but the M/s SS INFORMATION SYSTEMS PRIVATE LIMITED submitted their proposed solution more than 100U, thus as per technical compliance the proposed solution is not acceptable. **The Firm's proposal deviates from the stipulated physical and operational parameters.** Based on the evaluation under the quality-based criteria (Annexure III), the firm did not achieve the minimum qualifying score of 70 marks. **Thus M/s SS INFORMATION SYSTEMS PRIVATE LIMITED's submission is deemed non-compliant with the tender's technical criteria and is disqualified from further evaluation.**
4. **M/s INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED:** The bidder had declared themselves as a "Class I Local Supplier" in accordance with the Make in India (MII) policy. However, during the verification process, the bidder failed to submit the requisite and authorized documents as mandated in the tender conditions, despite being provided sufficient time and opportunity to respond. As the bidder has not complied with the essential requirements under the MII clause and failed to substantiate their claim of Class I Local Supplier status within the stipulated timeline, they shall be treated as non-responsive in this regard., the bidder will not be considered for further evaluation as per the terms and conditions of the tender. **Therefore M/s INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED is disqualified from further participation in the selection process and is hereby summarily rejected.**

Recommendations:

Based on the above observations and Compliance Tables at Annexure-1 for Eligibility & Qualification Criteria and Annexure-II for Technical Compliance and Annexure-III (QCBS). It is found that the technical bids of the two firms are found to be technically responsive and acceptable.

No	Bidder	TEC Decision
1	M/s ARIGEN TECHNOLOGY PRIVATE LIMITED	Rejected
2	M/s DRS IT CONSULTANCY PRIVATE LIMITED	Accepted
3	M/s INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED	Rejected
4	M/s NEWGEN IT TECHNOLOGIES LIMITED	Rejected
5	M/s SS INFORMATION SYSTEMS PRIVATE LIMITED	Rejected
6	M/s TATA ADVANCED SYSTEMS LIMITED	Accepted

Make In India Category of Accepted Bidders:

- M/s DRS IT CONSULTANCY PRIVATE LIMITED is Class II local Supplier.
- M/s TATA ADVANCED SYSTEMS LIMITED is Class II local Supplier

Annexure-I

CHECKLIST - Eligibility Compliances for Technical Evaluation of BID NO. GEM/2024/B/5754549

C- Complied NC- Not Complied

S. No.	Requirement	ARIGEN TECHNOLOGY PRIVATE LIMITED	DRS IT CONSULTANCY PRIVATE LIMITED	INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED	NEWGEN IT TECHNOLOGIES LIMITED	SS INFORMATION SYSTEMS PRIVATE LIMITED	TATA ADVANCED SYSTEMS LIMITED
1.	Minimum Average Annual Turnover (Last 3 Years) 700 Lakh	C	C	C	C	C	C
2.	Years of Past Experience Required for same/similar service 3 Year	NC	C	C	C	C	C
3	previous executed order involving at least four servers and 100TB of storage	NC	C	C	C	C	C
4	EMD	NC	C	C	NC	C	C

Annexure-II (TECHNICAL COMPLIANCE)

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.1 Compute Server Platform - Quantity- 8							
	SERVER OEM NAME	BOSTON X86 2U	HPE ProLiant DL385 Gen11 SFF	CISCO UCSC-C245 M8SX	FusionStor Invento i6409 EPYC	Dell Power Edge R7625	HPE DL385 Gen11 GPU CTO Svr
1	The number of Servers required to enable all Cores as mentioned in S.No (3) of this table, shall be at least 8 servers or higher.	C	C	C	C	C	C
2	The AMD EPYC / Intel Series of OEMs product family with at least 2.4 GHz per 64-bit processor and each processor Cache should be a minimum of 256 MB L3 cache.	C	C	C	C	C	C
3	A total of 2000 Cores minimum in the 8 servers more with a dual-socket platform of hardware	C	C	C	C	C	C
4	Minimum 16 DIMM or more slots supporting RDIMM /LRDIMM memory kits	C	C	C	C	C	C
5	Total 1500GB RAM DDR5 or latest type across all the servers of dual socket. A total of 12TB RAM should be available to use.	C	C	C	C	C	C
6	Hardware RAID controller of 12 Gb/s PCI Express SATA/SAS/NVMe RAID Controller Card with support of RAID 1,5, and 6.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS						
7	The server should support at least 3 PCIe x16 and 2 PCIe x 8 of Version 4.0. Each server should have an RTX 48GB GDDR6 Graphic card.	C	C	C	C	C	C
8	2 x 900GB RAW Capacity NVMe SSDs with RAID-1 Configuration.	C	C	C	C	C	C
9	Four network cards of 2 x 25G SFP28 ports or dual cards with 4 x 25G SFP28 and at least 2 x 1Gb BASE-T ports in each server with management port.	C	C	C	C	C	C
10	The redundant power supply of 1600 Watts Hot Plug or better power supply, at least 80 plus Platinum.	C	C	C	C	C	C
11	USB 3.1 Gen1, COM, 1x VGA in each server.	C	C	C	C	C	C
12	The proposed server should be 2U Rack mounted.	C	C	C	C	C	C
13	UEFI Secure Boot and Secure Start support. Secure Recovery – recover critical firmware to a known good state on detection of compromised firmware. Ability to roll back the firmware.	C	C	C	C	C	C
14	Should maintain a repository for firmware and drivers recipes to aid rollback or patching of compromised firmware. Should also store Factory Recovery recipe preloaded to rollback to factory-tested secured firmware	C	C	C	C	C	C
15.1	1. System remote management should support a browser-based graphical remote console along with a Virtual Power button. It should be able to upgrade software and patches from a remote client using Media/image/folder	C	C	C	C	C	C
15.2	2. Server should have dedicated 1Gbps remote management ports.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS						
15.3	3. Server should have storage space earmarked to be used as a repository for firmware, drivers and software components. The components can be organized into install sets and can be used to roll back/patch faulty firmware.	C	C	C	C	C	C
15.4	4. The server should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.	C	C	C	C	C	C
15.5	5. Server should have a security dashboard: displaying the status of important security features, the Overall Security Status for the system, and the current configuration for the Security State and Server Configuration Lock features.	C	C	C	C	C	C
15.6	6. Server System Monitoring features include temperature of CPU, memory & system environment.	C	C	C	C	C	C
16	The system should have the feature of visual indicators (LED/LCD) for System Health, Network and Power in Front.	C	C	C	C	C	C
17	5 Year onsite warranty should be provided by the OEM.	C	C	C	C	C	C
18	The System should be supplied with Redundant Fans and Power Supplies.	C	C	C	C	C	C
19	All Required Connectors and cables are to be proposed with the Server to make it functional.	C	C	C	C	C	C
20	The proposed servers should be BIS Certified, and the certificate should be submitted.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.2 Type –I NVMe Storage (250 TB NVMe usable Capacity) Quantity-1							
	SERVER OEM NAME	NO DETAILS FOUND	Infortrend GS 5024U	Infortrend GS 5024U	Infortrend GS 5024U	Make& Model: Dell PowerStore 5200T	Infortrend GS 5024U
1	The storage solution must feature a robust and fault-tolerant architecture with Unified dual Active-Active redundant controllers (without adding additional NAS header), ensuring high availability and consistent performance.	NC	C	C	C	C	C
2	The solution must be equipped with U.3 NVMe SSDs or the latest technology drives, providing a total usable capacity of 250 TB, calculated after configuring RAID 6 and allocating a hot spare.	NC	C	C	C	C	C
3	The storage system must deliver a minimum write throughput of 10 GBPS, ensuring efficient data handling in high-performance environments.	NC	C	C	C	C	C
4	The storage must implement RAID 6 for fault tolerance, with a configuration that limits each RAID group or logical disk to a maximum of 12 disks.	NC	C	C	C	C	C
5	Automatic failover using a hot spare disk to protect against data loss during hardware failure.	NC	C	C	C	C	C
6	The system must support both scaling up (adding capacity) and scaling out (adding performance) to meet evolving business needs.	NC	C	C	C	C	C
7	The storage must provide a single namespace, enabling seamless management of expanded resources	NC	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
8	The storage system must support the following protocols from day one:	NC	C	C	C	C	C
i	File-level: CIFS/SMB, NFS, AFP, SFTP	NC	C	C	C	C	C
ii	Block-level: FC, iSCSI	NC	C	C	C	C	C
iii	RESTful API for modern integrations and automation.	NC	C	C	C	C	C
9	Each controller must be equipped with 192GB DDR4 RAM or better, ensuring high-speed data processing and caching.	NC	C	C	C	C	C
10	Front-End Ports: 6 x 25Gbps per controller for client and server connectivity.	NC	C	C	C	C	C
11	Back-End Ports: 2 x 12G SAS ports for interconnectivity with additional drives or enclosures.	C	C	C	C	C	C
12	The following features should be supported in the proposed storage	C	C	C	C	C	C
i	Auto Tiering for managing hybrid disk environments efficiently.	C	C	C	C	C	C
ii	Thin Provisioning for optimized resource allocation.	C	C	C	C	C	C
iii	Snapshots for point-in-time data protection	C	C	C	C	C	C
iv	Access Control Lists (ACLs) for fine-grained security.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
v	Local and Remote Replication for data redundancy.	C	C	C	C	C	C
vi	High Availability (HA) Services to ensure minimal downtime.	C	C	C	C	C	C
vii	High Availability (HA) Services to ensure minimal downtime.	C	C	C	C	C	C
viii	User and Group Account Management: Streamline access control for users and groups.	C	C	C	C	C	C
ix	Folder Management: Configure folder-level access control and quotas.	C	C	C	C	C	C
x	Folder Encryption: AES-based encryption for data security.	C	C	C	C	C	C
xi	Integration with Microsoft Active Directory (AD) and Linux LDAP for centralized user authentication.	C	C	C	C	C	C
xii	Storage Resource Management (SRM): Analyze historical resource usage and trends.	C	C	C	C	C	C
xiii	Multi-Factor Authentication (MFA): Enhanced security for login mechanisms	C	C	C	C	C	C
xiv	File-Level QoS: Control network traffic to prioritize critical workloads.	NC	C	C	C	C	C
xv	SMI-S Interface: Standardized interface for managing hypervisor applications.	NC	C	C	C	C	C
13	The storage system must support SNMP Traps and Email Notifications for real-time alerting of system events and potential issues.	NC	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
14	All hardware modules, including controllers, disks, and power supplies, must be hot-swappable for seamless maintenance.	NC	C	C	C	C	C
15	Support for link aggregation to improve reliability and bandwidth.	NC	C	C	C	C	C
16	Cache Safe Technology to ensure data is safely written to storage during power outages.	NC	C	C	C	C	C
17	Provide cross-references, performance reports, and safety reports to validate the solution's reliability and compliance with standards.	NC	C	C	C	C	C
18	Type – I NVMe Shared storage should follow the open drive policy and the compatibility matrix of drives should be submitted along with the bid documents.	NC	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.3 Type – II Shared storage (2000 TB NL-SAS/SAS Usable Capacity) Quantity-1							
	SERVER OEM NAME	NO DETAILS FOUND	Infortrend GS 3090	Infortrend GS 3090	Infortrend GS 3090	Dell Unity XT	Infortrend GS 3090R3

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
1	The storage solution must feature a robust and fault-tolerant architecture with Unified dual Active-Active redundant controllers (without adding additional NAS header), ensuring high availability and consistent performance.	NC	C	C	C	C	C
2	The solution must be equipped with Near Line SAS HDD or the latest technology drives, providing a total usable capacity of 2000 TB, calculated after configuring RAID 6 and allocating a hot spare.	NC	C	C	C	C	C
3	The storage system must deliver a minimum write throughput of 2 GBPS, ensuring efficient data handling in high-performance environments.	NC	C	C	C	C	C
4	The storage must implement RAID 6 for fault tolerance, with a configuration that limits each RAID group or logical disk to a maximum of 16 disks.	NC	C	C	C	C	C
5	Automatic failover using a hot spare disk to protect against data loss during hardware failure.	NC	C	C	C	C	C
6	The system must support both scaling up (adding capacity) and scaling out (adding performance) to meet evolving business needs.	NC	C	C	C	NC	C
7	The storage must provide a single namespace, enabling seamless management of expanded resources	NC	C	C	C	C	C
8	The storage system must support the following protocols from day one:	NC	C	C	C	C	C
i	File-level: CIFS/SMB, NFS, AFP, SFTP	NC	C	C	C	C	C
ii	Block-level: FC, iSCSI	NC	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
iii	RESTful API for modern integrations and automation.	NC	C	C	C	C	C
9	Each controller must be equipped with 192GB DDR4 RAM or better, ensuring high-speed data processing and caching.	NC	C	C	C	C	C
10	Front-End Ports: 6 x 25Gbps per controller for client and server connectivity.	NC	C	C	C	C	C
11	Back-End Ports: 2 x 12G SAS ports for interconnectivity with additional drives or enclosures.	NC	C	C	C	C	C
12	The following features should be supported in the proposed storage	NC	C	C	C	C	C
i	Auto Tiering for managing hybrid disk environments efficiently.	NC	C	C	C	C	C
ii	Thin Provisioning for optimized resource allocation.	NC	C	C	C	C	C
iii	Snapshots for point-in-time data protection	NC	C	C	C	C	C
iv	Access Control Lists (ACLs) for fine-grained security.	NC	C	C	C	C	C
v	Local and Remote Replication for data redundancy.	NC	C	C	C	C	C
vi	High Availability (HA) Services to ensure minimal downtime.	NC	C	C	C	C	C
vii	SSD Cache for performance acceleration.	NC	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
viii	User and Group Account Management: Streamline access control for users and groups.	NC	C	C	C	C	C
ix	Folder Management: Configure folder-level access control and quotas	NC	C	C	C	C	C
x	Folder Encryption: AES-based encryption for data security.	NC	C	C	C	C	C
xi	Integration with Microsoft Active Directory (AD) and Linux LDAP for centralized user authentication.	NC	C	C	C	C	C
xii	Storage Resource Management (SRM): Analyze historical resource usage and trends	NC	C	C	C	C	C
xiii	Multi-Factor Authentication (MFA): Enhanced security for login mechanisms.	NC	C	C	C	C	C
xvi	File-Level QoS: Control network traffic to prioritize critical workloads.	NC	C	C	C	C	C
xv	SMI-S Interface: Standardized interface for managing hypervisor applications.	NC	C	C	C	C	C
13	The storage system must support SNMP Traps and Email Notifications for real-time alerting of system events and potential issues.	NC	C	C	C	C	C
14	All hardware modules, including controllers, disks, and power supplies, must be hot-swappable for seamless maintenance.	NC	C	C	C	C	C
15	Support for link aggregation to improve reliability and bandwidth.	NC	C	C	C	C	C
16	Cache Safe Technology to ensure data is safely written to storage during power outages	NC	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS						
17	Provide cross-references, performance reports, and safety reports to validate the solution's reliability and compliance with standards.	NC	C	C	C	C	C
18	Type – II Shared storage should follow the open drive policy and the compatibility matrix of drives should be submitted along with the bid documents	NC	C	C	C	NC (Compatibility Matrix not submitted)	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS						
Item 1.4 Archive System 2000TB Redundant RAW Capacity with Data Management System (Quantity -1)							
	SERVER OEM NAME	ALTO VISTA	ALTO VISTA	ALTO VISTA	ALTO VISTA	ALTO VISTA	ALTO VISTA
1	The Archive shall have an initial storage capacity of 1000 TB redundant RAW capacity and shall be based on regular hard disk media but non-linear access to Archive & Retrieve the Contents. System should be configured with one 1000TB + 1000TB RAW Data replica with HDD redundancy and 2000 TB RAW non redundant replication factor in independent drives. Users should be able to buy the validated hard drives from the market as per the data growth without any Drive Size locking and without any capacity-based licensing. There should be a vault storage option to reclassify the storage capacity of Archive storage.	C	C	C	C	C	C
2	The Archive shall be based on a modular architecture and the configuration must be capable of expansion by adding modules as required.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
3	The Archive shall be fully redundant with no single point of failure in the storage media. All Power Supplies and Disks must be hot swappable without loss of service. The Archive should follow the open drive policy and the compatibility matrix of drives should be submitted along with the bid documents.	C	C	C	C	C	C
4	The Archive must support mixed disks drive capacities within the same array. System should allow multiple HDD manufacturers in the same array and same chassis and mix & match Drive size, RPM compatibility in the same chassis and array.	C	C	C	C	C	C
5	The Archive shall support individually removable disk drives from all slots for shelf storage, and media transportation. Data shall be written as complete non- segmented files on the disks and replicated for protection against individual disk failure.	C	C	C	C	C	C
6	The security of the Archive shall be based on keeping at least two Replicas of every media file by default with the option to keep a third replica of strategically important content, or a single replica where the storage is deemed to be a backup volume, on a user selectable basis.	C	C	C	C	C	C
7	For disaster recovery purposes it shall be possible to remove any individual disk and recover media files using an external computer without special software licensing procurement.	C	C	C	C	C	C
8	Connectivity shall be based on 1GB Ethernet and Dual port 10GB Ethernet with SFP+ with GBIC slots.	C	C	C	C	C	C
9	Archive Storage should be able to create and manage shelf / Vault workflow as a Copy of Last Resort for all, or strategically important static parts of the Archive by itself if required in the future. This feature should be embedded in the solution as an option.	C	C	C	C	C	C
10	Main Archive Storage unit should be expandable with 600 Slots as scale up and can be added multiple Main Archive Chassis to increase the required throughput and scale out capacity with multiple Storage Array.	C	C	C	C	C	C
11	Archive Storage OEM Should have BIS Certificate for Archive Storage. Need to provide Valid Certificate during the Bid Submission.	C	C	C	C	C	C
12	Archive Storage OEM should have ISO 27001:2022 Certification, ISO 14001:2015 and need to provide the Valid Certificate copy during the Bid.	C	C	C	C	C	C
13	The Storage Controller of Archive storage should be hosted in a separate physical node as per the throughput requirement.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
14	The Archive management Software offered must be built on recent technology, running on non-proprietary standard IT Hardware.	C	C	C	C	C	C
15	The Archive Management Software system should be Linux based operating system.	C	C	C	C	C	C
16	All basic operations such as Search, Archive, delete and retrieve operations should be supported on the CLI interface.	C	C	C	C	C	C
17	The system should provide granular permission levels to control who can access important actions.	C	C	C	C	C	C
18	Support of Externalized DISKS and keep track of the UUID of the disks externalized. The UI should show the content of the object is available in which UUID of disks and if the UUID Disk is externalized.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.5 Network Switches (Quantity – 4 no's)							
	SERVER OEM NAME	NETGEA R-XSM4556	ARISTA 7050SX3-48YC12	NETGEA R-XSM4556	NETGEA R-XSM4556	NETGEA R-XSM4556	ARISTA 7050SX

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
PART A							
1	The proposed switches must be Layer 3 (L3) managed switches with support for redundant, hot-swappable power supplies to ensure uninterrupted network operation.	C	C	C	C	C	C
2	The switches must be rack-mountable and include all necessary accessories, such as a rail kit, mounting kit, and cables for seamless integration into standard racks.	C	C	C	C	C	C
3	The switches must support a store-and-forward forwarding mode for efficient packet handling.	C	C	C	C	C	C
4	A minimum of 4 Nos. of 24 x 25 Gbps ports for high-speed access connections or A minimum of 2 Nos. of 48 x 25 Gbps ports for high-speed access connections.	C	C	C	C	C	C
5	A minimum of 4 x 100 Gbps uplink ports, enabling robust connections to core or distribution switches.	C	C	C	C	C	C
6	The switches must provide a switching/routing capacity of 4 Tbps to handle large volumes of data traffic effectively.	C	C	C	C	C	C
7	The minimum forwarding throughput should be 2 billion packets per second, ensuring high- speed data flow across the network.	C	C	C	C	C	C
8	Support for an address database size of at least 32K MAC addresses (48-bit MAC).	C	C	C	C	C	C
09	Minimum MTBF of 280,000 hours, indicating high reliability.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
10	The switches must support 4,000 VLANs or more simultaneously, conforming to IEEE 802.1Q standards.	C	C	C	C	C	C
11	Support for: 2,048 multicast groups (IPv4), 8K ARP entries or more and 2.5K NDP entries or more	C	C	C	C	C	C
12	Support for 64 Link Aggregation Groups (LAGs) with up to 32 ports per group.	C	C	C	C	C	C
13	Multi-Chassis Link Aggregation (MLAG) with 62 groups, each supporting up to 32 ports per group.	C	C	C	C	C	C
14	Jumbo frame support with packet sizes up to 9K bytes.	C	C	C	C	C	C
15	Advanced traffic balancing features for unicast and multicast traffic across trunk ports.	C	C	C	C	C	C
16	IEEE 802.1Q Tagged VLAN	C	C	C	C	C	C
17	Private VLANs and QinQ	C	C	C	C	C	C
18	IGMP Snooping (v1/v2/v3) and MLD Snooping (v1/v2) for multicast traffic optimization.	C	C	C	C	C	C
19	Broadcast and unknown multicast traffic suppression.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
20	Support for 32K IPv4 unicast routes and 24K IPv6 unicast routes.	C	C	C	C	C	C
21	Advanced routing protocols, including: OSPF v2/v3, BGP4, PIM-SM/SSM, and VRRP (v2/v3). Policy-based routing and ECMP for load balancing.	C	C	C	C	C	C
22	Support for minimum 64 VRFs and 96 BFD sessions.	C	C	C	C	C	C
23	Static and dynamic MAC-based port security for securing access points.	C	C	C	C	C	C
24	Protection against broadcast, multicast, and unicast storms.	C	C	C	C	C	C
25	L2/L3/L4 ACLs for filtering based on MAC, IPv4, IPv6, TCP, and UDP.	C	C	C	C	C	C
26	IEEE 802.1x RADIUS-based port authentication.	C	C	C	C	C	C
27	Prevents ARP spoofing attacks for enhanced security.	C	C	C	C	C	C
28	Industry-standard CLI with support for filtering commands.	C	C	C	C	C	C
29	Telnet/SSH, TFTP/FTP/SCP/SFTP for configuration and software management.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
30	Ansible support and ONIE in-band firmware upgrades for automated deployments.	C	C	C	C	C	C
31	Features like SNMP (v1/v2c/v3), RMON, ICMP Ping, Traceroute, and LLDP.	C	C	C	C	C	C
32	Event and error logging with email alerting.	C	C	C	C	C	C
33	Port mirroring and Remote SPAN (RSPAN) for traffic analysis.	C	C	C	C	C	C
34	Advanced SPAN with ACL filtering and VLAN-specific monitoring.	C	C	C	C	C	C
35	Indicate speed, link status, and activity for each port.	C	C	C	C	C	C
36	Indicators for power, system health, and status of PSU 1, PSU 2, and fans.	C	C	C	C	C	C
	PART B	GS724TP	Arista 720D	GS724TP	GS724T	GS724T	Arista 720D
1	24 x 10/100/1000 Mbps RJ45 Ports: Standard Gigabit Ethernet connectivity	C	C	C	C	C	C
2	48 Gbps Switching Capacity (Non-blocking): Ensures high-speed data transfer.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
3	35.7 Mpps Forwarding Rate (Typical): Measures packet handling capability.	C	C	C	C	C	C
4	8K MAC Address Table: Stores device address information.	C	C	C	C	C	C
5	IEEE 802.3ab (Gigabit Ethernet) Compliance: Adheres to industry standards	C	C	C	C	C	C
6	19-inch Rack-Mountable: Standard form factor for server racks.	C	C	C	C	C	C
7	Internal Power Supply (100-240V AC): Integrated power for easy setup.	C	C	C	C	C	C
8	Store-and-Forward Architecture: Reliable packet delivery.	C	C	C	C	C	C
9	Auto-MDI/MDIX: Automatic cable detection and correction.	C	C	C	C	C	C
10	Managed for network configuration.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.6 Firewall (Quantity – 1 no's)							
	SERVER OEM NAME	PALALTO	SONICW ALL NSA 6700	SONICW ALL NSA 6700	(SONICW ALL NGFW NSA 6700)	FORTIN ET	SONIC WALL NSA 6700
1	The NGFW devices must be configured in High Availability (HA) mode to ensure uninterrupted network security services during device failure or maintenance.	C	C	C	C	C	C
2	Each unit must adhere to a 1U rack size for efficient rack-space utilization in data centers.	C	C	C	C	NC	C
3	8 x 25Gbps ports for high-speed data transfer, suitable for modern high-throughput applications.	C	C	C	C	C	C
4	4 x 10G SFP+ ports for fiber-optic connectivity, ensuring minimal latency in network traffic.	C	C	C	C	C	C
5	Management and console ports for direct device configuration and diagnostics.	C	C	C	C	C	C
6	The NGFW must have a minimum storage capacity of 256GB, expandable up to 1TB, ensuring adequate storage for logging, reporting, and advanced threat analysis data.	C	C	C	C	C	C
7	The firewall must support 512 logical VLANs and tunnel interfaces, enabling segmentation of the network into multiple secure and isolated zones.	C	C	C	C	C	C
8	35 Gbps firewall inspection throughput ensures high-speed traffic analysis and filtering without bottlenecks.	C	C	C	C	C	C

9	18 Gbps throughput for combined security features such as IPS, threat prevention, and application inspection, ensuring comprehensive security without sacrificing speed.	C	C	C	C	C	C
10	Supports 220,000 connections per second to handle large numbers of concurrent users and applications.	C	C	C	C	C	C
11	Maintains up to 800,000 stateful packet inspection (SPI) connections, ensuring reliable tracking of active sessions in high-traffic environments.	C	C	C	C	NC	C
12.1	Supports up to 5000 site-to-site VPN tunnels for secure interconnectivity between remote offices.	C	C	C	C	C	C
12.2	The firewall should be supplied with 50 VPN perpetual licenses and single users should be able to access the multiple devices within the VPN network and from multiple client devices through VPN software.	C	C	C	C	C	C
12.3	The firewall VPN feature should support Mobile connect for ios, Mac OS, and Android devices and Computer/Laptop devices with Linux, Windows and Mac operating systems	C	C	C	C	C	C
13	Ensures robust encryption with AES 256-bit, meeting modern security standards.	C	C	C	C	C	C
14	Additional VPN features:	C	C	C	C	C	C
14.1	DHCP over VPN for dynamic IP address allocation.	C	C	C	C	C	C
14.2	IPSec NAT traversal to manage NAT devices in VPN pathways.	C	C	C	C	C	C
14.3	Redundant VPN gateway to ensure availability and reliability.	C	C	C	C	C	C
14.4	Route-based VPN for dynamic and flexible routing options in VPN configurations.	C	C	C	C	C	C
15	The NGFW must inspect packet payloads and headers in real-time to detect and block threats at the gateway, including:	C	C	C	C	C	C
15.1	Gateway Anti-Virus for malware protection.	C	C	C	C	C	C

15.2	Anti-Spyware to block spyware and other unwanted software.	C	C	C	C	C	C
15.3	DPI SSL to inspect encrypted traffic, ensuring security in HTTPS communications.	C	C	C	C	C	C
16	Filters HTTP/HTTPS traffic by URL, IP, and keywords, ensuring compliance with organizational internet usage policies.	C	C	C	C	C	C
17	Blocks file types (e.g., ActiveX, Java, cookies) to prevent unauthorized data leakage or system compromise.	C	C	C	C	C	C
18	Provides real-time spam filtering to ensure email security.	C	C	C	C	C	C
19	Advanced Threat Protection (ATP) captures and analyses unknown threats using sandboxing techniques.	C	C	C	C	C	C
20	Full support for BGP4, OSPF, RIPv1/v2, and static routing, ensuring compatibility with a wide range of network configurations.	C	C	C	C	C	C
21	Enables policy-based routing for traffic prioritization and customized routing paths.	C	C	C	C	C	C
22	Stateful packet inspection tracks active sessions and ensures the integrity of communication.	C	C	C	C	C	C
23	Reassembly-Free DPI for high-performance inspection without degrading throughput	C	C	C	C	C	C
24	Protection against DDoS attacks (UDP, ICMP, SYN flood) to maintain network availability under attack.	C	C	C	C	C	C
25	IPv4/IPv6 dual-stack support ensures future-ready network operations.	C	C	C	C	C	C
26	Biometric authentication for secure remote access.	C	C	C	C	NC	C
27	Enhanced dashboard for centralized monitoring of threats, traffic, and device health.	C	C	C	C	C	C
28	Stream-based malware scanning ensures real-time threat detection and removal.	C	C	C	C	C	C

29	Bidirectional inspection of data traffic prevents malware from entering or leaving the network.	C	C	C	C	C	C
30	No file size limitations for malware scanning, ensuring thorough inspection of all file types.	C	C	C	C	NC	C
31	Enables application bandwidth management, prioritizing critical applications.	C	C	C	C	C	C
32	Allows custom application signature creation to adapt to unique organizational needs.	C	C	C	C	C	C
33	Integrates data leakage prevention (DLP) to monitor and block unauthorized data transfers	C	C	C	C	C	C
34	Uses signature-based scanning to detect known threats.	C	C	C	C	C	C
35	Includes GeoIP enforcement and botnet filtering to block traffic from high-risk regions or compromised sources.	C	C	C	C	C	C
36	Regular automatic signature updates to protect against evolving threats.	C	C	C	C	C	C
37	Supports TLS 1.3 for advanced encryption protocols.	C	C	C	C	C	C
38	Includes real-time deep packet inspection for encrypted traffic (TLS/SSL/SSH).	C	C	C	C	C	C
39	Offers cloud-based multi-engine analysis and sandboxing to evaluate unknown threats.	C	C	C	C	C	C
40	Blocks access to harmful or non-compliant websites using reputation-based filtering.	C	C	C	C	C	C
41	Implements policy-based filtering with inclusion and exclusion options for granular control.	C	C	C	C	C	C
42	Supports VLAN trunking, jumbo frames, and dynamic routing for optimal network traffic management.	C	C	C	C	C	C
43	Enables high availability through active/standby configurations with state synchronization.	C	C	C	C	C	C

44	Provides NAT, DHCP server, and bandwidth management for seamless network operations.	C	C	C	C	C	C
45	Offers detailed visualization of user activity, bandwidth consumption, and threat detection.	C	C	C	C	C	C
46	Provides actionable insights to enhance security posture and optimize network performance.	C	C	C	C	C	C
47	Includes 5 years of comprehensive warranty and support, covering software updates, hardware replacements, and technical assistance.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS							
Item 1.7 Hypervisor (Proxmox)(Quantity – 2000 Processor Cores Support License)							
1	The proposed open-source hypervisor should be provided with 5 years' support subscription proxmox for existing compatibility with other servers.	C	C	C	C	C	C
2	The support subscription should be for the complete number of proposed number of cores and a minimum of 2000 cores support subscription should be provided.	C	C	C	C	C	C
3	The proposed virtualization should be based on Linux kernel and open-source software should not have any limitation on features and security features against its paid software version.	C	C	C	C	C	C
4	The proposed virtualization should support Kernel-based Virtual Machine	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
5	Lightweight container-based virtualization for full machines should be supported.	C	C	C	C	C	C
6	The proposed hypervisor should support an operating-system level virtualization environment for running multiple, isolated Linux systems on a single Linux control host.	C	C	C	C	C	C
7	The proposed hypervisor should have a web based centralized management console.	C	C	C	C	C	C
8	The proposed hypervisor should provide a command line interface to manage all the components of your virtual environment. This command line interface should have intelligent tab completion and full documentation in the form of UNIX man pages.	C	C	C	C	C	C
9	The cluster file system should enable synchronizing configuration files across the cluster. The file system should store all data inside a persistent database on disk, nonetheless, a copy of the data should reside in RAM.	C	C	C	C	C	C
10	To run virtual machines from one cluster node to another, without any downtime or noticeable effect from the end-user side. Administrators should initiate this process from either the web interface or the command line. This should enable you to minimize downtime, in case you need to take the host system offline for maintenance.	C	C	C	C	C	C
11	The integrated web-based management interface should give a clean overview of all KVM guests and Linux containers across cluster.	C	C	C	C	C	C
12	The granular access to all objects (like VMs, storage, nodes, etc.) by using the role-based permission management system should be supported.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
13	The resource manager, & HA Manager should monitor all VMs and containers in the cluster and automatically come into action if one of them fails.	C	C	C	C	C	C
14	The proposed hypervisor should support network storage types iSCSI target NFS Share	C	C	C	C	C	C
15	The KVM live backup should work for all storage types including VM images on NFS, & iSCSI LUN.	C	C	C	C	C	C
16	The Backup jobs should be scheduled to be executed automatically on specific days and times, for selectable nodes and guest systems.	C	C	C	C	C	C
17	The backup software and Hypervisor should be from the same OEM only.	C	C	C	C	C	C
18	For VMs backup stop mode, suspended mode, and snapshot mode should be supported.	C	C	C	C	C	C
19	A website reference or datasheet to verify the features should be provided.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.8 RHEL Support subscription for proposed CPU Cores.							
1	Red Hat® Enterprise Linux® v9.4 or latest should allow for the deployment of unlimited guests in dense virtualized environments for the proposed compute nodes.	C	C	C	C	C	C
2	RedHat Enterprise Linux subscription should include 1 year, and bidder should support the RedHAT subscriptions up to subsequent 4 year of warranty.	C	C	C	C	C	C
3	Web and phone support, Unlimited support cases should be included.	C	C	C	C	C	C
4	All the guest OSes should be configured with the latest version of RHEL.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL, DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT, INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV, NEWGEN IT TECHNOLOGIES LIMITED - NEWIT, SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS, TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.9 Online UPS (Quantity - 2)							
	OEM NAME	UNILINE	NUMERIC KEOR MP	KEOR MP	NUMERIC	VERTIV	KEOR MP
1	<p>SITC of 2 x 50KVA UPS, 3 phase AC Input & 3AC Output. Backup 60 minutes, 2 x Li-ion batteries, Battery disconnecter, Battery Cabinet, links and DC cable up to 7 meters, Parallel redundant system kit.</p> <p>UPS should have a Minimum 5-year comprehensive warranty on site from the date of installation and Minimum 5-year warranty for Li-ion batteries from the date of installation:</p> <ul style="list-style-type: none"> a.) True online double conversion, VFI-SS-111. b.) DSP based PWM 3 level IGBT inverter c.) Both UPS should work in parallel redundant mode. d.) UPS should be with Intelligent Battery Management for longer battery life e.) Phase Neutral reversal protection –In the event of reversal in phase sequence, the UPS should automatically adjust itself and should get synchronized with the input phase. f.) UPS should be Monolithic UPS with a modular architecture to reduces Mean Time to Repair (MTTR) g) Batteries should provided with rack and enclosure. 	C	C	C	C	C	C
2	<p>Voltage(V) 3 P Voltage Range at 400 Vac, (-40 %, + 20%) for 40% load, (-22.5%, + 20%) for 100% load</p> <p>Frequency Range 40-70Hz Power Factor >0.99</p> <p>THDi(%) <3% at 100% linear load with THDv at 0.5%</p>	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
3	Rated Power 50KVA/50KW Output Power Factor : Unity Voltage(V) 3Ph Output waveform : Pure sine wave Voltage regulation ± 1% (0-100% linear load) THDv (%) Less Than 2% For Linear Load Frequency: 50Hz on battery; synchronized with bypass Bypass . Online mode efficiency of UPS-Min.95% Eco mode efficiency of UPS upto 99% Inbuilt Static and Manual Maintenance Bypass is Required. Input and output MCCB inbuilt in UPS.	C	C	C	C	C	C
4	Serial interface RS485 (ModBus protocol RTU) SNMP for remote monitoring (with automatic Email and Message notification alert option)	C	C	C	C	C	C
5	EMC EN / IEC62040-1,EN/ IEC62040-2,EN/IEC62040-3	C	C	C	C	C	C
6	IP20	C	C	C	C	C	C
7	Li-ion Batteries with each UPS, Rechargeable, BACKUP 60 Min. Integrated Battery Management System (BMS) for full monitoring and control, optimizing the usage and performance of the battery Color Touch Screen Display for real time Cell and System monitoring and supervising UL94-V0 flame-retardant plastic brackets Modular fire protection systems with auto-sensing and suppression capability Leakage detection device: when leakage current is detected, the circuit breaker and contactor will disconnect to prevent insulation failure. Double-level protection against OV, UV, OT, etc. (contactor 1st, MCCB 2nd). Four-level OC protection (contactor 1st, MCCB 2nd, Rack Fuse 3rd, Cell CID 4th)	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
8	Ambient Temperature: 0°C To +40°C Operational Relative Humidity: 20-95% Max Non Condensing Acoustic Noise With Full Load <60 dB Emergency Power off Required	C	C	C	C	C	C
9	INDEPENDENT PHASE MANAGEMENT IS REQUIRED	C	C	C	C	c	C
10	All cabling from battery bank to UPS is in vendor's scope	C	C	C	C	c	C
11	A. Manufacturer Should be ISO 9001:2000 certified B. Manufacturer Should be ISO 14001 C. Manufacturer should have manufacturing facility in India D. Test reports from Govt. accredited labs on the same model quoted.	C	C	C	C	c	C
12	Display: 7" Touch screen color display	C	C	C	C	c	C
13	Power module visual LED indicator: Independent multi-colour led status bar (Green/ Yellow/ Red)	C	C	C	C	c	C
14	Emergency power off EPO feature should be there Cold Start feature should be there	C	C	C	C	c	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL, DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT, INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV, NEWGEN IT TECHNOLOGIES LIMITED - NEWIT, SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS, TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1. 3.10 Smart Rack (Quantity – 2 no's)							
	OEM NAME	UNILINE	NUMERIC KEOR MP	KEOR MP	NUMERIC	VERTIV	KEOR MP
1	(i) Smart rack consists of 42HU x 2Nos. suitable for free standing installation. (ii) Provisioning of Smart for further extension.	C	C	C	C	C	C
2	42U x 2 Nos.- 800 mm Wide x 2000mm Height x 1200mm Deep and 300 mm deep aisle containment at front side. Rack should have base frame of 100mm height for stability. Load bearing capacity of rack frame should be 1400 Kgs. Rack should be made of CRCA sheet steel with minimum sixteen folded frame with 1.5 mm thickness. Top cover and bottom cover should have cable entry provision. Rack front glass and rear sheet steel plain door should have PU gasket. Each rack should have 2 Nos. vertical and 4 Nos. horizontal cable manager. Each rack should have 10 Nos. toolless banking frames of 1U size. Required total 30 KW cooling capacity with redundancy N+1 in inclusive of 2 Nos. racks. Each rack IT load 12.5- 15 KW. Racks should have rodent repellent. Rack front door should have electronic keypad system. Rack rear door should be equipped with auto opening system. Rack should have air baffle plate. Racks should have water leak sensor. Rack should have provision to mount the cooling system inside in vertical form without consuming any u space. Each rack with minimum 38U usable space. Rack, cooling system, IP PDU, Smoke detection, Front door access, Auto door opening system, monitoring and WLD are required from single OEM for better services.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	OEM should have at least seven-year experience for smart rack solution and having one installation in Govt. research institute.						
3	The Front door of smart rack should be fitted with High Security Electro- mechanical code combination lock with nine-digit electronic keypad system & Rear door equipped with auto door opening system.	C	C	C	C	C	C
4	<p>Cooling System- 10KW x 4 Nos. Harmonized modular components should ensure an energy-efficient dissipation of heat. The external unit (condenser) should be designed on the basis of latest technology. Cooling unit mount should be mount vertical to provide the uniform air flow inside the rack, Unit should not take any U space. Each smart rack system should include:</p> <ol style="list-style-type: none"> 1. 4x Heat exchanger (evaporator) for placing on the inside of the each with 10 KW cooling capacity. 2. 4x Condenser external unit works with R407C/410A refrigerant. 3. DX control box to activate the evaporator 4. LCD display, digital temperature display between 18 & 29°C. 5. Cooling system should not occupy any U space in the rack. 6. Cooling system mount in vertical form to provide the uniform air flow in the rack. Each cooling unit capacity 10 KW. Total required cooling 30 KW with redundancy (N+1) in the scenario 3 Nos. cooling unit working and 1 No. cooling unit standby. 7. Cooling unit dimension 300mm w x 2100 height x 1200 D Color RAL 7035. 	C	C	C	C	C	C
5	<p>(i) Provisioning of structured power distribution system. The 3-Phase commercial conditioned 440V/50Hz power supply will be made available by the user at the Distribution panel along with MCCB.</p> <p>(ii) This Main Distribution panel will be used to distribute power to all power consuming devices used in Smart rack such as: UPS, Air-Conditioning system.</p>	C	C	C	C	C	C
6	Vertical metered IP PDU for Racks with industrial socket 32A/3P. Each rack should have 2 Nos. IPPDU.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	<ul style="list-style-type: none"> ● Metered IP PDU should have 24 Nos. IEC 13 and 6 Nos. IEC 19 sockets with 3 Mtr. connection cable with industrial sockets. ● Each rack should have 2 Nos. IP PDU. Smart Racks solution required 4 Nos.IP PDU. ● Directives: EMC Directive 2014/30/EU ● Low Voltage Directive 2014/35/EU ● Standards: EN 62368-1, EN 61000-3, EN 61000-4, EN 61000-6, EN 62053-21 						
7	Provisioning of IP based monitoring Fault signals - Temp/ Humidity, IPPDU WLD, Fire system and Automatic rear Door Kit, Door access, UPS.	C	C	C	C	C	C
8	<p>Monitoring unit should be an intelligent monitoring system with an Ethernet 10BaseT network connection. The priorities of the various functions are monitoring and documenting physical parameters inside the smart rack. These functions should be managed and controlled via different protocols.</p> <p>The basis of the Monitoring unit CMC should be the processing unit (PU unit). Several input/output units (I/O unit) should be connected to one processing unit via a patch cable. This/these function module(s) should connect to the sensors via a standard plug connector. The sensors should be coded so that the function blocks recognise automatically which sensors are connected.</p> <ul style="list-style-type: none"> ● Network interface: IEEE 802.3 10/100BaseT Full Duplex <p>Basic protocols: TCP/IP, SNMP V1.0, Telnet, FTP, http Additional features: NTP, SSH, SSL, DHCP</p>	C	C	C	C	C	C
9	<p>(i) Delivery of an extinguishing system that detects and extinguishes fires in closed server and network cabinets.</p> <p>(ii) The system should have fire alarm panel, manual triggered and suppression system with NOVEC 1230 must be employed as the extinguishing gas.</p> <p>(iii) Smart racks solution should have common cylinder for fire suppression medium mount outside or inside the rack as per OEM standard.</p> <p>(iv) The Rack, smoke detection, Cooling system, IP PDU, Front Door access, Rear auto door opening, WLD, Monitoring system should be from one OEM for better SLA.</p>	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	(v)OEM should have at least seven-year experience for smart rack solution and having one installation in Govt. research institute.						
10	(i) Installation of smart rack and the relevant components has to be carried out by qualified technicians/OEM engineer. (ii) 01 days onsite training to the user will be given by the vendor.	C	C	C	C	C	C
11	Regulatory Standard, ISO 9001, 14001, 45001 and UL2416, ROHS.	C	C	C	C	C	C
12	Smart rack including cooling system and batteries should be with 2 years comprehensive warranty.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
Item 1.10 KVM Switch							

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL, DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT, INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV, NEWGEN IT TECHNOLOGIES LIMITED - NEWIT, SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS, TATA ADVANCED SYSTEMS LIMITED - TATAS		ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
	OEM NAME	VERTIV	ATENCL 3116NX + 2L-5202U	Aten, CL3116N X + 2L-5202	CL3116N X+2L-5202U	VERTIV	Aten, CL3116 NX + 2L-5202U
1	The proposed KVM and monitor should be from the same OEM or should be compatible with each other..	C	C	C	C	C	C
2	The proposed KVM monitor should provide video quality of 1360 x 768 @ 60 Hz or more.	C	C	C	C	C	C
3	The proposed KVM should have a Monitor, Keyboard and mouse integrated together on a single Rail Kit and the closed rack size should not be more than 1U.	C	C	C	C	C	C
4	The KVM should have a minimum of 16 ports to connect the devices.	C	C	C	C	C	C
5	The KVM should supply all accessories such as HDMI/VGA (as per switch) cables, power cables, rail kit, etc.	C	C	C	C	C	C
6	The KVM should support computer selection via pushbuttons, hotkeys, and multilingual on-screen display.	C	C	C	C	C	C
7	Two level password security should be supported, and only authorized users should view and control computers	C	C	C	C	C	C
8	Additional hot-pluggable USB mouse port on front panel that should supports HID device for keyboard and mouse.	C	C	C	C	C	C

S.No	Detailed Requirement of the Feature as in RFP	Compliance - C & Noncompliance - NC of bidders					
	ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL , DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT , INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV , NEWGEN IT TECHNOLOGIES LIMITED - NEWIT , SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS , TATA ADVANCED SYSTEMS LIMITED - TATAS	ARTPL	DRSIT	INFOV	NEWIT	SSINS	TATAS
10	The proposed KVM should be provided with 5 year warranty.	C	C	C	C	C	C

ANNEXURE III (QCBS - minimum of 70% marks are required to become eligible in this technical bid and for further financial bid)

Bidder 1: M/s ARIGEN TECHNOLOGY PRIVATE LIMITED - ARTPL

Bidder 2: M/s DRS IT CONSULTANCY PRIVATE LIMITED - DRSIT

Bidder 3: M/s INFOVIRGIN TECHNOLOGY SOLUTIONS PRIVATE LIMITED - INFOV

Bidder 4: M/s NEWGEN IT TECHNOLOGIES LIMITED - NEWIT

Bidder 5: M/s SS INFORMATION SYSTEMS PRIVATE LIMITED - SSINS

Bidder 6: M/s TATA ADVANCED SYSTEMS LIMITED - TATAS

S.N	Technical Evaluation Criteria	Marking Scheme	Max. Marks	Bidder-1 ARTPL	Bidder-2 DRSIT	Bidder-3 INFOV	Bidder-4 NEWIT	Bidder-5 SSINS	Bidder-6 TATAS
1.	Criteria: Bidder should have experience in successfully supply, installation and commissioning of similar hardware work in PSU/Govt. organizations/ Pvt Ltd/ or Ltd. in the last 5 years in India/Globally.	≥3 projects: 10 marks 1 additional Marks for each project (05 marks max.)	15	NA	10	10	10	15	15
2.	Criteria: Number of full-time Employee on its payroll in India, who are dealing in advisory /implementation/post-implementation support services for hardware solutions as on bid closing date.	· ≥20 and <50: 05Marks ≥50 and <100: 08 Marks ≥100: 10Marks	10	NA	08	05	05	05	10
3.	Criteria: The bidder should possess relevant certifications such as ISO 9001:2000, 14001 CMMI Level 3 or above.	ISO 27001: 5 Marks Level 3 : 05 Marks Level 3+ : 10 Marks	10	05	05	05	05	10	05

4.	Criteria: Understanding of Scope, Deliverables, Approach, Methodology, & Past Success Stories (to be evaluated on the basis of presentation).	Presentation showing understanding of the requirements, detailed approach & methodology for addressing the requirements, plan to meet quality, timeliness of deliverables, & value proposition.	20	00	18	18	05	05	15
5.	Criteria: Bidder should have able to demonstrate the similar configuration solution.	Yes: 15 Marks No:0 Marks	15	00	12	12	07	07	12
6.	Criteria: Bidder should have qualified experts in installation,virtualization, integration and configuration server and other peripherals as mentioned in technical requirement of the bid.	Min. 2 experts: 5 marks 3-5 experts: 08 marks >>5 experts: 10 marks	10	NA	10	08	05	10	10
7.	Criteria: The bidder shall have an annual financial turnover of minimum INR 7 Crores during any of the preceding 03 (Three) financial /accounting years reckoned from the original bid closing date. And "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender.	Rs. 7 -10 cr= 5 marks & >Rs. 10 cr = 5 marks	10	05	10	10	10	10	10

8.	Criteria: Supporting Document for post Implementation support CAMC provides to different organisations.	1-3 years: 5 marks >3 years: 10 marks	10	NA	10	5	5	5	10
9.	Total		100	10	83	73	52	67	87

Remarks:

- M/s NEWGEN IT TECHNOLOGIES LIMITED was unable to clearly articulate the proposed solution before the committee. The committee observed a lack of understanding of the scope of work and an absence of the necessary subject matter experts required for the proposed solution.
- M/s SS INFORMATION SYSTEMS PRIVATE LIMITED demonstrated an incomplete understanding of the requirements outlined in the RFP document. Although the RFP clearly specifies that the complete solution must be provided within two racks, the bidder presented a solution based on three racks during their presentation, indicating a lack of comprehension of the stated requirements.

-----End of TEC Report of Bid **GEM/2025/B/6044537** dated 11-03-2025-----