HIGH COURT OF MADHYA PRADESH
PRINCIPAL SEAT – JABALPUR

No. Reg(IT)(SA)/2025/1664   Jabalpur, Dated: 09/10/2025

// CLARIFICATION //

Sub:- Publication of clarification /reply of Pre-Bid meeting dated: 24th September, 2025 regarding tender for "Purchase of SAN Storage at High Court of Madhya Pradesh, Jabalpur" with reference to tender no. Reg(IT)(SA)/2025/1522, Dated: 17.09.2025.

Ref: - Pre-Bid Meeting dated: 24th September, 2025 and tender no. Reg(IT)(SA)/2025/1522, Dated: 17.09.2025.

Reply / clarifications to the pre-bid queries

On the basis of queries submitted by the bidders, the reply /clarifications are enumerated as per details given below for reference and further necessary action at vendor side:-

Query No.	RFP Reference (Section No. /Page No.)	Content of RFP Requiring Clarification	Query of the bidder / remarks of the bidder	Reply / clarification to the query /remarks by the High Court
1. M/s Business Automation (I) Private Limited & M/s NetApp				
1	Section – VII/Technical Specifications/"Minimum Specifications – A/Page 32 - Configuration and Pool	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher.	1 PiB usable capacity: Using NVMe ~~or equivalent Drives~~, with RAID 6 ~~(8+2)~~ or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 40 GB/s ~~50GB/s~~. Also, 100% write throughput should be equal to more than 15 GBps ~~30GB/s~~. Read write throughput should be 25 GBps at 50:50 RW ratio. All performance has to be calculated with sequential workload at block size 32KB or above. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 2.5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC / Intel or equivalent or higher with ~~1.5TB~~ 1 TB DRAM based memory or higher per controller. Offered	No change. The vendor can quote higher side.

| | | | storage shall offer Sub millisecond latency. Justification - We respectfully request the removal of the fixed RAID configuration of 8+2, as RAID sizing should be determined based on OEM best practices to meet the specified performance and capacity requirements. The department has already outlined the desired performance, capacity, and features; therefore, allowing OEMs the flexibility to design the RAID configuration is essential to achieving these goals effectively. Fixing a specific RAID size may inadvertently favor a particular OEM and limit competitive participation. Additionally, we recommend that the storage media be specified as NVMe clearly, rather than SSD or equivalent. NVMe offers significantly superior performance compared to SSDs, and the two technologies are not directly comparable. Specifying SSDs may lead to suboptimal performance and misalignment with the intended use case. We also wish to highlight that the throughput figures mentioned are extremely high and may not be realistically achievable without significantly increasing the cost of the solution. We have proposed a modest reduction in performance to make the solution more generic and cost-effective. These revised performance figures are aligned with NVIDIA's published reference architecture for AI solutions, which we encourage you to refer to for validation. Pls refer - https://www.netapp.com/media/136382-nva-1182-a90-ncp-ra.pdf Furthermore, it is important to | |

			consider combined read/write performance also, as storage systems typically perform both operations simultaneously. In addition to throughput, sub-millisecond latency is a critical factor for efficient data access and responsiveness. Regarding cache specifications, the proposed 1.5 TB cache per controller appears to be proprietary and excessively high. We request that this be revised to 1 TB DRAM cache per controller to ensure broader OEM compatibility and enable fair participation. It is also important to note that controller memory should be DRAM-based, not NVMe or SSD-based, as the storage itself is NVMe. DRAM offers superior performance and is essential for maintaining the required cache hierarchy. We appreciate your consideration of these points and look forward to a revised specification that promotes fairness, feasibility, and alignment with industry best practices.	
2	Section – VII/Technical Specifications/"Minimum Specifications – A/Page 32 - Interface	Provides native POSIX file system compatibility as well as support for common protocols including CIFS /SMB, NFS V3, NFS V4 from day1. In addition should support CSI integration with Redhat Open shift from day 1. It should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift.	Provides native POSIX file system compatibility as well as support for common protocols including CIFS/SMB, NFS V3, NFS V4, FC, ISCSI, NFSoRDMA, NVMeoFC, NVMeoTCP, S3, GPU direct access from day 1. In addition should support CSI integration with Redhat Open shift from day1. It should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift. Each storage node shall be offered with minimum 4 x 100Gbps host connecting ports & 2 x 100Gbps backend ports supporting end to end NVMe. Justification - As per the evolving	The vendor can quote better or higher side protocols.

			requirements from the department, there is a clear need to incorporate NVMe-based protocols into our storage infrastructure. The request for NVMe drives makes it imperative to ensure that the storage solution supports end-to-end NVMe architecture, both at the front-end and back-end levels. Additionally, with the department seeking GPU access, it becomes crucial to enable protocols such as NVMe over Fabrics (NVMe-oFC and NVMe-oTCP) and GPU Direct Storage to ensure optimal performance and compatibility. To meet these performance and scalability expectations, we have proposed the following configuration: Front-End Connectivity: 4 × 100Gbps ports per node to support NVMe traffic. Back-End Connectivity: 2 × 100Gbps ports per node for high-speed interconnects. Disk Enclosures: All enclosures should be connected to controllers over 100Gbps NVMe back-end links implementing the S3 protocol is essential for:File versioning to ensure data integrity and recovery, Unstructured data storage at scale, Tiering for efficient lifecycle management, Cloud connectivity for seamless integration and accessibility. FC & ISCSI are essential to utilize full open shift connectivity benefits and block storage and DB connectivity. This configuration ensures a high-throughput, low-latency storage environment that aligns with the departments technical and performance requirements.	
3	Section –	Bidder should provide SDS	Bidder should provide ~~SDS~~	SDS or equivalent

	VII/Technical Specifications/"Minimum Specifications – A/Page 32 - SDS	(Software Define Storage) capabilities for existing Open shift cluster like ODF or equivalent for persistent volumes for both RWX and RWO protocols within the internal storage of nodes in the cluster from day1. Software should have capabilities of Data foundation like Unified storage services, HA & DR capabilities and Backup and restore capabilities.	(Software Define Storage) capabilities for existing Open shift cluster like ODF or equivalent for persistent volumes for both RWX and RWO protocols within the internal storage of nodes in the cluster from day1. Software should have capabilities of Data foundation like Unified storage services, HA & DR capabilities and Backup and restore capabilities. Justification - We request to remove the word SDS (Software defined storage) as this word is proprietary and used by few storage OEM only, removal of this proprietary word will not affect the functionalities asked by department in this point.	capability / protocols.
4	Section – VII/Technical Specifications/"Minimum Specifications – A/Page 33 - Technical Capability	OEM is required to demonstrate the features of SDS positioned in current setup of RHOS cluster to showcase the capabilities and use case of the proposed storage device.	OEM is required to demonstrate the features of SDS positioned storage in current setup of RHOS cluster to showcase the capabilities and use case of the proposed storage device. Justification - We would like to formally request the removal of the term SDS (Software Defined Storage) from the referenced documentation. This terminology is proprietary and is commonly associated with specific OEMs, which may lead to ambiguity or unintended vendor bias. It is important to note that the removal of this term will not impact the functionalities or capabilities outlined by the department in the corresponding point. The technical requirements remain fully achievable without referencing SDS explicitly. We appreciate your understanding and support in ensuring the documentation remains vendor-neutral and focused on functional outcomes.	No change.

5	Spare Capacity	Disks amounting to minimum 5% total capacity need to be additionally provided as spare capacity.	Please clarify 5% disks has to be offered as cold spare or hot spare.	It is hot spare.
6	Section – VII/Technical Specifications/"Minimum Specifications – A/Page 33 - Connectivity	Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each node should have separate port for management and network traffic. 2x1GbE for management and 4x 10GbE network ports for data access and protocol communication. The chassis supports up to 16 PCIe Gen 5 adapter slots for network and storage interface cards. The system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400 Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB) and RoCE.	Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect and between I/O server and storage controller/node should also be 100Gbps.If bidder is not offering I/O server as per solution requirement then they should offer 100Gbps ports on storage controllers/nodes directly. Storage performance described in point 3 above has to be demonstrated from storage controllers and disks not from I/O servers. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each storage node should have separate port for management and network traffic. 2x1GbE for management and 4x 100GbE or equivalent 400Gbps bandwidth network ports per node for data access and protocol communication. The chassis (across dual controllers/nodes) supports up to 16 PCIe Gen 5 adapter slots for network and storage interface cards. The storage system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400 Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB)/Ethernet and RoCE/NFSoRDMA. If bidder	Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect and between I/O server and storage controller/node should also be 100Gbps or equivalent technology. Each node should have separate port for management and network traffic. 2x1GbE for management and 4x 100GbE network ports for data access and protocol communication. The chassis supports up to 16 PCIe Gen 5 adapter slots for network and storage interface cards. The system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400 Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per

			is not offering I/O server then these ports and configuration are applibale on storage controllers. I/O servers should be offered in HA. One I/O serverHA pair per storage controller HA pair. The inter controller bandwidth between storage controllers shall be 100Gbps in redundancy. Justification - The changes requested in the referenced points are intended to provide clarity and alignment with the department's solution expectations. We would like to highlight the following key considerations: I/O Server Connectivity: The department has explicitly asked for I/O servers. It is critical to ensure that these servers are connected to compute nodes over 100Gbps links to maintain high-speed, end-to-end performance. To support this architecture effectively, I/O servers must also be connected to storage controllers over redundant 100Gbps links. Alternate Configurations: In scenarios where I/O servers are not part of the solution, it becomes essential to provision 4 × 100GbE ports per node/controller to facilitate direct high-bandwidth connectivity between compute nodes and storage. Use of Proprietary Terminology: We request the removal of proprietary terms such as Nvidia ConnectX-7 (CX7) from the documentation. These refer to specific OEM adapters and may inadvertently restrict solution flexibility. The department's requirements can be met using equivalent, non-proprietary technologies. Support for High-Speed Protocols:	node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB) and RoCE.

			The department has indicated interest in 200Gbps and 400Gbps Infiniband connectivity. We recommend allowing equivalent Ethernet-based solutions such as RoCE (RDMA over Converged Ethernet) and NFS over RDMA, which offer comparable performance and are widely supported. Inter-Controller Bandwidth: To ensure seamless operation of the NVMe-based architecture, it is imperative to have 100Gbps inter-controller bandwidth. This will enable consistent performance across the storage solution and support the department's high-throughput requirements. We trust these clarifications will help refine the solution design and ensure alignment with departmental expectations.	
7	Section – VII/Technical Specifications/"Minimum Specifications – A/Page 33 - High Availability	The solution should be highly available. Storage system should be configured with no Single Point of Failure (SPOF) including but not limited to I/O servers (if required), Metadata servers (if required), management servers, HBA Cards, switches (if required) between I/O servers, storage controllers, Fan modules and Power supply.	The solution should be highly available. Storage system should be configured with no Single Point of Failure (SPOF) including but not limited to I/O servers (if required), Metadata servers (if required), management servers, HBA Cards, switches (if required) between I/O servers, storage controllers, Fan modules and Power supply./O servers should be offered in HA. One I/O serverHA pair per storage controller HA pair. The inter controller bandwidth between storage controllers shall be 100Gbps in redundancy. Justification - In reference to the department's request for a scalable and high-performance solution, we would like to provide the following clarifications and recommendations: Non-Single Point of Failure (nSPOF) Architecture:	"The solution should be highly available. Storage system should be configured with no Single Point of Failure (SPOF) including but not limited to I/O servers (if required), Metadata servers (if required), management servers, HBA Cards, switches between I/O servers, storage controllers, Fan modules and Power supply. In addition, all critical components must be configured with redundancy."

			To ensure nSPOF without compromising performance, it is essential to provision 2 × I/O servers per HA controller pair. This configuration supports redundancy and maintains throughput under failover conditions. Scalability Considerations: As scalability is a key requirement from the department, it is imperative to use appropriately sized building blocks that can support future growth without architectural limitations. Inter-Controller Bandwidth: For seamless operation of the NVMe-based architecture, a 100Gbps inter-controller bandwidth is mandatory. This ensures consistent performance across the storage solution and supports the department's high-throughput demands. We trust these recommendations will help align the solution design with the department's expectations and ensure a robust, scalable, and high-performance infrastructure.	
8	Section – VII/Technical Specifications/"Minimum Specifications – A/Page 34 - Replication	System should support both replication modes for on-premises or hybrid cloud disaster recovery setups with flexibility in latency and performance trade-offs from day1. Ensures replication between geographically dispersed systems and cloud environments to ensure high availability and disaster recovery.	System should support both replication & tiering modes for on-premises or hybrid cloud disaster recovery setups with flexibility in latency and performance trade-offs from day1. Ensures replication between geographically dispersed systems and cloud environments to ensure high availability and disaster recovery. Justification - Along with replication tiering is important factor and same is also asked by department in point 5 above.	No change. The vendor can quote higher side.
9	Section – VII/Technical Specifications/"Minimum	Proposed solution should have capabilities like: 1. Immutable Storage (Write-once-read-many) filesets. 2.	Proposed solution should have capabilities like: 1. Immutable Storage (Write-once-read-many) filesets. 2. Point-in-time	No change.

| Specification s – A/Page 34 - Data Resiliency & Role based access | Point-in-time snapshots of data that is immutable and protected against ransomware or accidental deletion. 3. To ensure regulatory compliance and data immutability retention periods should be set on immutable files & snapshots. 4. Should have integrated with role-based access controls for secure administrative handlings. | snapshots of data that is immutable and protected against ransomware (it should be possible to detect, prevent & recover from ransomware attacks) or and accidental deletion. 3. To ensure regulatory compliance and data immutability retention periods should be set on immutable files & snapshots. 4. Should have integrated with role-based access controls for secure administrative handlings.

Justification - We would like to bring to attention that tiering, in addition to replication, is a critical factor in designing an efficient and scalable storage solution. This requirement has also been highlighted by the department in Point 5 of the referenced document.

Tiering enables intelligent data placement across performance and capacity tiers, optimizing resource utilization and cost-efficiency. When combined with replication, it ensures both data protection and performance optimization, which are essential for meeting the department's operational and scalability goals.

We recommend that tiering be explicitly considered in the solution architecture to ensure alignment with departmental expectations ransomware protection and accidental deletion are separate concerns and must be addressed independently.

Immutable snapshots help prevent accidental deletion but are not sufficient for ransomware protection. Since snapshots are taken at intervals, any attack between snapshots may go undetected and unrecoverable.

Hence, full ransomware protection | |
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			should include: Detection, Prevention, Recovery. This ensures comprehensive data security beyond basic snapshot-based safeguards.	
		2. M/s vdainfosolutions and IBM Technology Sales, North India		
1	Minimum Specifications -A/ Sl No.2/Capacity/Pg 32	1 PiB usable capacity (Scalable up to 50PB)	Please confirm that both the storage systems (each 1PiB usable capacity) should be available as a single global namespace.	"1PiB usable capacity (Scalable up to 5PB) Two separate storage systems, each providing 1 PiB of usable capacity."
2	Minimum Specifications -A/ Sl No.3/Configuration and Pool/Pg 32	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher.	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher. (Request to remove "data replication" as data protection will be using 8+2P).	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC / Intel or higher with

				1.5TB memory or higher.
3	Minimum Specifications -A/ Sl No.6/SDS/Pg 32,33	Bidder should provide SDS (Software Define Storage) capabilities for existing Open shift cluster like ODF or equivalent for persistent volumes for both RWX and RWO protocols within the internal storage of nodes in the cluster from day1. Software should have capabilities of Data foundation like Unified storage services, HA & DR capabilities and Backup and restore capabilities.	Please provide details of the current Openshift Environment: 1) No. of worker nodes/Control nodes/ infra nodes 2) No. of cores and memory in each node 3) No. and capacity of disks in each node 4) Network ports in each node 5) Openshift version 6) Approx number of VMs and containers in the cluster.	1) No. of worker nodes /Control nodes / infra nodes 14. 2) No. of cores and memory in each node 64 core and 1TB. 3) No. and capacity of disks in each node 5No. of 1.92TB. 4) Network ports in each node 2. 5) Openshift version 4.17.35. 6) Approx number of VMs and containers in the cluster 12VM, 50Container.
4	Minimum Specifications -A/ Sl No.11/Coonnectivity/Pg 33	Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each node should have separate port for management and network traffic. 2x1GbE for management and 4x 10GbE network ports for data access and protocol communication. The chassis supports up to 16 PCIe Gen 5 adapter slots for network and storage interface cards. The system supports high-speed PCIe Gen 5 adapters including multiple CX7	Request for modification as below: "Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each node should have separate ports for management and network traffic. 2x1GbE for management and 4x100 /200GbE network ports for data access and protocol communication. The nodes should support PCIe Gen 4/ 5 adapter slots for network and storage interface cards. The system should support high-speed adapters including multiple CX7 network cards	Already clarified above.

		network cards capable of 200/400 Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB) and RoCE.	capable of 200/400 Gb InfiniBand or Ethernet links.\n\nSufficient adapter cards to be provisioned to meet the required performance and throughput.	
5	Switch, Page Number 35 Point Number 21.	The bidder /OEM shall provide two Ethernet switches in a high-availability (HA) configuration, each with a minimum of 48 multi-speed ports supporting speeds up to 100 GbE and 200 GbE. Each switch must have at least two dedicated management ports. The pair of switches shall be sufficient to interconnect three storage systems, each of 1 PiB capacity, and provide uplink connectivity to the High Court's Data Centre network. The switch should be fully populated with all required fiber cables from Day 01.	Please change the ports from 48 ports to 32 ports as 48 ports are not required for the Ethernet switch and 32 ports are sufficient for this cluster setup. This will also save cost and prevent customer from overkill infrastructure, bandwidth ask is good for the switches.	No change.
3. M/s HP Enterprise India Pvt.Ltd., M/s Vcare InfoTech Limited & M/s XtraNet Technologies Limited				
1	Page No. 33, / Section – VII/Clause: 1/Page : 32 - Type	PFS or HPC based	Request you to Please allow S3 Object also as option & Change asked clause as "PFS or HPC based or S3 Object ". Justification - We Understand as per the specifications mentioned in this RFP, the use case here is to deploy Storage for Openshift / Container environment with PVC mode as ROW & RWX. Please allow bidder to offer solution Object storage with bucket class access mode to deliver same features as ROW RWX.	No change.
2	Page No. 33 / Section –	1 PiB usable capacity: Using NVMe or equivalent	Change Request: Please allow Controllers with intel /AMD based	Already clarified above.

	VII/Clause: 1/Page : 32 - Configuration and Pool	Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher.	architecture. Please Change Clause as " 1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual / single AMD EPYC or better Intel architecture or higher as per OEM architecture with 1.5TB memory in total or higher." Justification: For Vider participation, Pls allow Controllers with Dual /single Intel/AMD based architecture or as per OEM architecture.	
3	Page No. 33 / Section – VII/Clause: 1/Page : 32 - Interface	Provides native POSIX file system compatibility as well as support for common protocols including CIFS/SMB, NFS V3, NFS V4 from day1. In addition should support CSI integration with Redhat Open shift from day1. It should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift.	Please Change asked Clause as: "Provides native POSIX file system compatibility as well as support for common protocols including CIFS/SMB/NFS V3/NFS V4 from day1. In addition should support CSI/COSI integration with Redhat Open shift from day1. It should be possible to deploy CSI/COSI driver using the Operator Lifecycle Manager of Open shift. Justification - CSI drivers is for block and file storage in Kubernetes/ Openshift environment, COSI (Container Object Storage Interface) is a newer standard built on CSI to manage object storage	Already clarified above.

			Kubernetes/ Openshift environment. Pls allow COSI Driver for Vider participacion Also please provide Flesability in asked Protocol Type CIFS/SMB/NFS3/NFS4.	
4	Page No. 33 / Section – VII/Clause: 1/Page : 32 - Performance features	Based on access patterns and the "heat" of a file, the file should automatically move from HDD to Flash pool and vice versa without any administrator's intervention. The CSI driver should allow Open Shift pods and VMs to dynamically provision and attach Persistent Volumes (PVs) and Persistent Volume Claims (PVCs) enabling persistent, high performance storage for stateful applications on open shift environment. The storage system should support deployment of container native storage access, to work in conjunction with the CSI driver for RWX and RWO protocols. Support scalable performance with parallel access from multiple nodes/clients.	Please Change asked Clause as "Based on access patterns and the "heat" of a file, the file should automatically move from HDD to Flash pool and vice versa without any administrator's intervention. The CSI /COSI driver should allow Open Shift pods and VMs to dynamically provision and attach Persistent Volumes (PVs) and Persistent Volume Claims (PVCs) enabling persistent, high performance storage for stateful applications on open shift environment. The storage system should support deployment of container native storage access, to work in conjunction with the CSI/COSI driver for RWX and RWO protocols. Support scalable performance with parallel access from multiple nodes /clients. Justification - 1. Since asked is ALL Falsh /NVME architecture for 1PB capacity, Pls Remove asked Feature of "automatically move from HDD to Flash pool and vice versa without any administrator's intervention" 2. Please allow COSI Driver for Vider participation,	No change.
5	Page No. 34 / Section – VII/Clause: 1/Page : 33 - Connectivity	Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the	Please Change asked Clause as " Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect. Please ask - 1*1 G Management & 4*10/25 G NIC port per node Controller for I/0 or 4*100G for Future Upgrade option. Bidders will need to specify port	Already clarified above.

		compute network. Each node should have separate port for management and network traffic. 2x1GbE for management and 4x 10GbE network ports for data access and protocol communication. The chassis supports up to 16 PCIe Gen 5 adapter slots for network and storage interface cards. The system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400 Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB) and RoCE.	requirements and provide the required transceivers and cables to connect the storage solution to the compute network." Justification: We Understand Network & Servers with Openshift environment is already established & Now Storage need to be added in existing environment. New Upcoming storage need to be Integrated in existing network on 10/25G with Option of 100G Proposed here is "Each storage node will be with 1*1 G Management Port & 4*10/25G NIC Port- which can be further Upgradable to 4*100G Ethernet Port.	
6	Page No. 35 /Section – VII/Clause: 1/Page : 34 - Data Resiliency & Role based access	Proposed solution should have capabilities like: 1.Immutable Storage (Write-once-read-many) filesets. 2. Point-in-time snapshots of data that is immutable and protected against ransomware or accidental deletion. 3. To ensure regulatory compliance and data immutability retention periods should be set on immutable files & snapshots. 4. Should have integrated with role-based access controls for secure administrative handlings.	Please Change asked Clause as: Proposed solution should have capabilities like: 1. Immutable Storage (Write-once-read-many) file sets. 2. Point-in-time snapshots / S3 Version feature to support of data that is immutable and protected against ransomware or accidental deletion. 3. To ensure regulatory compliance and data immutability retention periods should be set on immutable files & snapshots. 4. Should have integrated with role-based access controls for secure administrative handlings. Justification: Please allow S3 Version Feature as option to Snapshot to deliver asked Feature of data protection.	Already clarified above.

| 7 | Page No. 36 / Section – VII/Clause: 1/Page : 34 - Switch | The bidder /OEM shall provide two Ethernet switches in a high-availability (HA) configuration, each with a minimum of 48 multi-speed ports supporting speeds up to 100 GbE and 200 GbE. Each switch must have at least two dedicated management ports. The pair of switches shall be sufficient to interconnect three storage systems, each of 1 PiB capacity, and provide uplink connectivity to the High Court's Data Center network. The switch should be fully populated with all required fiber cables from Day 01. | Please Change asked Clause as :The bidder /OEM shall provide two Ethernet switches in a high-availability (HA) configuration, each with a minimum of 32 multi-speed ports supporting speeds up to 100 GbE and 200 GbE. Each switch must have at least one /two dedicated management ports. The pair of switches shall be sufficient to interconnect three storage systems, each of 1 PiB capacity, and provide uplink connectivity to the High Court's Data Center network. The switch should be fully populated with all required fiber cables from Day 01. Justifications: Switch are with One Management port, 100G/200 G Port switch are with 32Port as Standard - 48 Port switch are with 10/48 Port as standard with OEMs For Vider participation, Pls allow asked changes in switch. | Already clarified above. |
| 8 | **M/s Vcare InfoTech Limited -** Section – II/ Clause 2.15.2 (ii) / Page: 10 | (ii) Experience in Supply, Installation, commissioning of High End Servers, SAN Storage/ NAS Storage during last 05 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Similar works means: Supply, | We would like to seek your clarification regarding the similar experience. We currently have a single order valued at ₹11.33 Crore, along with an additional order of ₹0.94 Cr issued in reference to the same. This brings the total order value to ₹12.27 Crore. Since the additional order is directly linked to the original one, we would like to confirm whether the combined value will be considered together. The scope of the order is for the SITC of the Storage Solution (DC & DR) | Quote as per the tender document. |

		installation and System Integration of High End Servers, SAN Storage / NAS Storage.		
		4. M/s VSN International Pvt. Ltd. & M/s Hitachi Vantara		
1	Clause No. 2.5 EARNEST MONEY DEPOSIT (EMD):-	2.5.1 The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand Only) and online Earnest Money Deposit (EMD) of Rs.30 Lakh/- (Rupees Thirty Lakh Only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of "Registrar General, High Court of Madhya Pradesh, Jabalpur" valid for the period of 06 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily rejected.	We request your kind consideration to modify the existing EMD submission requirement of Rs.30 Lakh/- to permit submission either through Online Payment or via Bank Guarantee in favor of "Registrar General of High Court Madhya Pradesh, Jabalpur." Justification:- The tender process at the Hon'ble High Court, including final order determination and subsequent release of the EMD, typically spans around six months. Requiring bidders, particularly MSME participants, to block such a substantial amount entirely in cash for this extended duration imposes a significant financial burden. We therefore humbly request the Hon'ble High Court to kindly permit Bank Guarantee as an alternative option for EMD submission, in the interest of fair competition and broader participation.	Yes permitted.
2	Clause No. 2.15.2, Page No.10 & 11	(ii) Experience in Supply, Installation, commissioning of High End Servers, SAN Storage/ NAS Storage during last 05 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR	We would like to submit our request that During the Covid-19 pandemic and subsequent years, most Government Departments and PSUs significantly reduced procurement of on-premise, high-value IT infrastructure such as Servers and Storage. Instead, they shifted focus towards Cloud-based storage and service-oriented models. This shift has substantially reduced the availability of large-value projects of the type specified in the current tender. Also, we would request to kindly extend the experience period to 07 years so, as to allow	Quote as per the tender document.

		(c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Similar works means: Supply, installation and System Integration of High End Servers, SAN Storage / NAS Storage.	more eligible and competitive bidders to participate in the tender. As a result, many competent and experienced bidders who have executed multiple medium-to-large projects may find it difficult to qualify under the current criteria, even though they possess the technical expertise and execution capabilities required. Request for Change:- We humbly request the Hon'ble Committee to relax and amend the eligibility criteria as follows: (ii) Experience in Supply, Installation, commissioning of High End Servers, SAN Storage/ NAS Storage during last 07 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal to 20% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 30% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 50% of the estimated cost. Similar works means: Supply, installation and System Integration of Servers, SAN Storage / NAS Storage & Network Equipment's.	
3	4.8 Time Schedule To Complete The Contract:-	4.8.1 The successful bidder shall complete the assignment within 30 days from the date of issue of Letter of Acceptance/ Letter of Intent.	As the quoted products are commercial products and will be procured back-to-back from the OEM as per the order received, we request to kindly amend the delivery and supply timeline from 30 days to 60 days to ensure smooth procurement, supply, installation, and testing without	Yes allowed.

			compromising quality. Kindly amend the clause as per below:- 4.8.1 The successful bidder shall complete the assignment within 60 days from the date of issue of Letter of Acceptance/ Letter of Intent.	
"Minimum Specifications – A" SAN Storage (High Performance Storage)			
4	Configuration and Pool	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher.	Request for Change:- We would request to kindly amend the clause as below:- 1 PiB usable capacity: The solution should provide 500 TB capacity on NVMe drives and 500 TB capacity on low-performance drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Each controller should be equipped with AMD EPYC or higher processors and a minimum of 500 GB memory per controller. Justification:- Each OEM follows a different architecture to ensure data availability and hardware configuration.	Already clarified above.
5	Interface	Provides native POSIX file system compatibility as well as support for common protocols including CIFS/SMB, NFS V3, NFS V4 from day1. In addition should support CSI integration with Redhat Open shift from day1. It	We would like to submit our request that Each OEM follows a different architecture to ensure data availability and hardware configuration. Request for Change:- We would request to kindly amend the clause as below:- Provides native POSIX file	The vendor can quote better or higher side protocols.

		should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift.	system compatibility as well as support for common protocols including CIFS/SMB, PFS, Luster, GPFS, NFS V3, NFS V4 from day1. In addition should support CSI integration with Redhat Open shift from day1. It should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift. Justification:- The required throughput of 50 GB/s for reads and 30 GB/s for writes, or higher, can be achieved using parallel file system protocols such as Lustre or GPFS. Red Hat OpenShift supports integration with parallel file systems such as Lustre or GPFS.	
6	SDS	Bidder should provide SDS (Software Define Storage) capabilities for existing Open shift cluster like ODF or equivalent for persistent volumes for both RWX and RWO protocols within the internal storage of nodes in the cluster from day1. Software should have capabilities of Data foundation like Unified storage services, HA & DR capabilities and Backup and restore capabilities.	We kindly request clarification on whether the Hon'ble High Court is specifically seeking a software-defined storage solution based on Red Hat ODF (proprietary), or if bidders may propose alternate solutions that comply with COTS offerings. Please confirm if the department intends to deploy an SDS solution (e.g., Red Hat ODF) using servers with internal drives, or if it is open to COTS-based solutions designed for parallel file systems such as Lustre, WEKA, etc. Justification:- Red Hat OpenShift Data Foundation (ODF) has scalability limitations and cannot support deployments beyond 500 TB capacity.	Already clarified above.
7	Rebuild Time	RAID priority rebuild time should be less than 12 hrs while the system is live	We would request to Kindly include Erasure Coding (EC) alongside RAID, as EC is a modern, highly efficient data protection method that provides superior storage efficiency and greater fault tolerance by splitting data, adding parity, and distributing fragments across	RAID priority rebuild time should be less than 12 hrs while the system is live or higher or better technology / solution.

			multiple nodes. Kindly amend the clause and as below:- "RAID/EC priority rebuild time should be less than 12 hrs while the system is live." Justifications:- Erasure Coding (EC) is a more advanced technique that splits data into multiple fragments, adds parity blocks, and distributes them across a network of storage nodes for highly efficient data protection with greater fault tolerance. Also, EC provides a more flexible, object-level approach that offers better storage efficiency and resilience against multiple drive and even node failures.	
8	Connectivity	Connectivity from I/O servers to worker/compute nodes must be on minimum 100GbE Ethernet interconnect. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each node should have separate port for management and network traffic. 2x1GbE for management and 4x 10GbE network ports for data access and protocol communication. The chassis supports up to 16 PCIe Gen 5 adapter slots for network and storage interface cards. The system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400 Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per	We would request to kindly amend the clasue as below:- Connectivity from I/O servers to worker/compute nodes must be on minimum 2x200/100GbE Ethernet interconnect per node. Each node should have separate port for management and network traffic 2x1GbE for management. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Justification:- The requested number of ports per node is OEM-specific and cannot be supported as a standard feature.	Already clarified above.

		node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB) and RoCE.		
9	Replication	System should support both replication modes for on-premises or hybrid cloud disaster recovery setups with flexibility in latency and performance trade-offs from day1. Ensures replication between geographically dispersed systems and cloud environments to ensure high availability and disaster recovery.	Kindly clarify whether the Hon'ble High Court of Madhya Pradesh plans to replicate active data between the DC and DR. If so, please indicate whether this replication will be implemented on-premises or via a cloud service provider (CSP- AWS, Google, Azure, Sify, NTT, Nextra and NIC etc)." Justification:- As per our knowledge Hon'ble High Court is a autonomus system which does not uses Cloud/Hyperscalers for their primary & secondary data storages. So, allowing a OEM to provide hybrid or cloud disaster recovery would be detrimental to the High Court because t+D16:D17he Ecosystem for cloud and on premise can be very very different and if a OEM provides hybrid cloud disaster recovery setup it might not be any use to Hon'ble High Court.	No change. The vendor can quote higher side / extra features / applications. Replication will be implemented on-premises.
10	Data Resiliency & Role based access	Proposed solution should have capabilities like: 1. Immutable Storage (Write-once-read-many) filesets. 2. Point-in-time snapshots of data that is immutable and protected against ransomware or accidental deletion. 3. To ensure regulatory compliance and data immutability retention periods should be set on immutable files & snapshots. 4. Should have integrated	We would request to kindly amend the clause as below:- 1. Point-in-time snapshots of data that is immutable and protected against ransomware or accidental deletion. 2. To ensure regulatory compliance and data immutability retention periods should be set on immutable files & snapshots. 3. Should have integrated with role-based access controls for secure administrative handlings. Justification:- Immutable Storage for the PFS solution is specific to One OEM only. We comply with	Already clarified above.

		with role-based access controls for secure administrative handlings.	point in time snapshot of data which is immutable and protected against ransomware or accidental deletion.	
		5. M/s Dell Technologies		
1	**Minimum Specifications – A"/ Clause No. 1/ Type**	PFS or HPC based	PFS/HPC/scale out storage. Justification - Please allow Scale out NAS storage as well since most of the requirement asked in RFP points to scale out NAS storage requirement.	No change.
2	**Minimum Specifications – A/ Clause No. 3/ Configuration and Pool**	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 30GB/s. OEM has to provide the evidence for the same from internal tool. System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher.	1 PiB usable capacity: Using NVMe or equivalent Drives, with RAID 6 (8+2) or Erasure Code or equivalent with dual parity to ensure data protection methodology using data replication. 100% read throughput should be equal to or more than 50GB/s. Also, 100% write throughput should be equal to more than 10GB/s. OEM has to provide the evidence for the same from internal tool. ~~System should offer more than or equivalent 5 Million IOPs on 4KiB random reads. Controllers should have Dual AMD EPYC or higher with 1.5TB memory or higher.~~ Justification - We have intel CPU based controllers, most of storage vendor does not use AMD based CPU and storage performance and reliability is CPU agnostic, hence please allow intel based CPU for wider participation. Since the requirement is of file workload, 3performance in terms of IOPS not relevant, its only for block workload hence requested to remove the same. Write performance is moderated to be closer to 20% of read performance which is usually the case.	Already clarified above.
3	**Minimum Specificatio**	Provides native POSIX file system compatibility as well	Provides native POSIX/ file ~~system compatibility as well as~~	Already clarified above.

	ns – A/ Clause No. 4/ Interface	as support for common protocols including CIFS/SMB, NFS V3, NFS V4 from day1. In addition should support CSI integration with Redhat Open shift from day1. It should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift.	support for common protocols including CIFS/SMB, NFS V3, NFS V4 from day1. In addition should support CSI integration with Redhat Open shift from day1. It should be possible to deploy CSI driver using the Operator Lifecycle Manager of Open shift. Justification - POSIX file system is only provided by specific vendors, for other storages data access can be provided by other protocols like CIFS/SMB, NFS etc please also include Simultaneous multi-protocol (NFS/SMB/S3) access support.	
4	Minimum Specifications – A/ Clause No. 6/ SDS	Bidder should provide SDS (Software Define Storage) capabilities for existing Open shift cluster like ODF or equivalent for persistent volumes for both RWX and RWO protocols within the internal storage of nodes in the cluster from day1. Software should have capabilities of Data foundation like Unified storage services, HA & DR capabilities and Backup and restore capabilities.	Bidder should provide SDS (Software Define Storage) capabilities for existing Open shift cluster like ODF or equivalent for persistent volumes for both RWX and RWO protocols within the internal storage of nodes in the cluster from day1. Software should have capabilities of Data foundation like Unified storage services, HA & DR capabilities and Backup and restore capabilities. Justification - ODF can be achieved by openshift only. Since an external storage is being asked for, hence request that ask for ODF/equivalent be removed.	Already clarified above.
5	Minimum Specifications – A/ Clause No. 7/ Technical Capability	OEM is required to demonstrate the features of SDS positioned in current setup of RHOS cluster to showcase the capabilities and use case of the proposed storage device.	OEM is required to demonstrate the features of SDS positioned in current setup of RHOS cluster to showcase the capabilities and use case of the proposed storage device. Justification - Since we are requesting ODF to be removed, hence the same cannot be demonstrated. Therefore we are requesting for its removal	Already clarified above.
6	Minimum	RAID priority rebuild time	RAID priority Data rebuild time	Already clarified

	Specifications – A/ Clause No. 9/ Rebuild Time	should be less than 12 hrs while the system is live	should be less than 12 hrs while the system is live. Justification - Not all storage vendors use RAID, We support erasure coding hence request to remove RAID or allow erasure coding.	above.
7	**Minimum Specifications – A/ Clause No. 11/ Connectivity**	Connectivity from I/O servers to worker /compute nodes must be on minimum 100 GbE Ethernet interconnects. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each node should have separate port for management and network traffic. 2x1GbE for management and 4x10GbE network ports for data access and protocol communication. The chassis supports up to 16 PCIeGen 5 adapter slots for network and storage interface cards.The system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400 Gb single port InfiniBand (IB) and RoCE.	Connectivity from I/O servers to worker /compute nodes must be on minimum 100GbE Ethernet interconnect. Bidders will need to specify port requirements and provide the required transceivers and cables to connect the storage solution to the compute network. Each node should have separate port for management and network traffic. 2 1x1GbE for management and 4x10GbE /2x100gbE network ports for data access and protocol communication. Storage must support 200Gbps/ HDR ports for connecting to Servers. The chassis supports up to 16PCIe Gen 5 adapter slots for network and storage interface cards. The system supports high-speed PCIe Gen 5 adapters including multiple CX7 network cards capable of 200/400Gb InfiniBand or Ethernet links. Up to four or higher PCIe Gen 5 x16 adapter slots per node can be used to install NVIDIA ConnectX-7 CX7 network cards to support 200Gb dual port VPI (InfiniBand/Ethernet) or 400Gb single port InfiniBand (IB) and RoCE. Justification - Management port does not need to be redundant (per node), hence request it be changed to 1 qty of management port per node. Kindly ask the ports/port speed which is needed. Explicitly specifying NIC card make and PCIe generation would limit	Already clarified above.

			competition.	
8	**Minimum Specifications – A/ Not Applicable/ General**		Since 2 storage has been asked in RFP, Assuming its going to be deployed in DC/DR, Please specify the replication requirement and license to be included.	Both storage to be deployed in DC.
6. M/s Silver Touch Technologies Limited				
1	2.5 Earnest Money Deposit (EMD) Page no 7	The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand Only) and online Earnest Money Deposit (EMD) of Rs.30 Lakh/- (Rupees Thirty Lakh Only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of "Registrar General, High Court of Madhya Pradesh, Jabalpur" valid for the period of 06 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily rejected	For any large tenders, normally the EMD is asked in form of DD / Online / BG (Bank Guarantee), but we could not find the acceptance of EMD in form of BG in the said RFP. - We hereby request Authority to kindly allow bidder to submit the EMD in any of the mode (DD/Online / NEFT/RTGS/Bank Guarantee)	Ok already clarified above.
2	2.15 Eligibility/ Pre-Qualification Criteria:- Page no 10 &11	(ii) Experience in Supply, Installation, commissioning of High End Servers, SAN Storage/ NAS Storage during last 05 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.	1) We understand that the qualified projects are the projects whose completion date of project (tenure) was within last 05 years ending last day of month previous to the month of publication of this tender **- Kindly confirm** 2) We also understand that the onging projects (go-live declared and currently under O&M / Maintenance phase), will also be accepted.	Already clarified above.

		Similar works means: Supply, installation and System Integration of High End Servers, SAN Storage / NAS Storage.		
3	2.20 General Instructions To The Bidders:- Page no 14	2.20.3 Successful bidder must ensure his establishment in India and in the State of Madhya Pradesh for post-installation services and support of the SAN Storage system.	We understand that the either the bidder should have their office in Madhya Pradesh OR should ensure that bidder will set-up the support office in Madhya Pradesh within stipulated time i.e. 45 days, if bidder is awarded the bid. In such a case, the bidder may provide an undertaking in their technical bid to establish a support office in Madhya Pradesh within the stipulated 45 days.- Kindly confirm. **- Kindly confirm**	Yes allowed / changed.
4	4.8 Time Schedule To Complete The Contract:- Page no 21	4.8.1 The successful bidder shall complete the assignment within 30 days from the date of issue of Letter of Acceptance/ Letter of Intent	The given timeline for supplying a new product is very strict. Considering the OEM's supply chain process, the delivery would take at least 6 to 8 weeks' time, we kindly request you to extend the timeline by at least 45–60 days.	Already clarified above.

All above specifications should be read as equivalent or better / higher side. The vendor may quote equivalent or better / higher specifications and please mention the same in compliance column of compliance sheet. In finalization of specifications' the decision of the High Court of Madhya Pradesh, Jabalpur will be final and binding on all.

Note:-

1. The High Court of Madhya Pradesh shall have full rights to accept or reject any bid, without assigning any reason thereof.

2. The above clarifications / addendum are for all the prospective bidders' for their tender reference.

3. All future correspondence/ clarifications/ addendum/ corrigendum shall be available on the website of the High Court of Madhya Pradesh i.e. www.mphc.gov.in and Government e-Procurement portal www.mptenders.gov.in.

4. All the pages of the bids and Annexure's are to be sealed and signed by the authorized officers of the company / vendor.

5. All prospective bidders are requested to submit the bid with all relevant documents in sequenced manner, without fail.

6. In case of further query /clarification, please visit at High Court of Madhya Pradesh, Jabalpur.

7. On introduction of new levy / taxes / duties the rate / price of items shall be changed in same proportionate.

8. The total price of commercial bid inclusive of all taxes & expenses for 05 (Five) years on-site maintenance & support shall be taken as the basis for evaluation of commercial bids In case of any discrepancy in the tax factor, the basic product price shall be taken in to consideration for finalization of bids.

9. Tender to be submitted along with all requisite documents. If any of the required documents are not found along with the bid, then the same shall be summarily rejected.

Sd/-
PRINCIPAL REGISTRAR (ILR & EXAM)