Addendum to following Technical Specifications (Annexure 12):

S No	Clause in RFP	Clarifications/ Changes made
1	**Minimum Technical Specifications for Enterprise Storage** **8. Storage Performance:** …… …… 8.1 At least 4 Million (2PB system), 2 Million (1PB system), 1 Million (512TB System) IOPS with random workload should be supported with 70% Read and 30% Write Ratio with 16KB block size and less than 1 ms latency with NVME SSD drives with both FC & NVMEoFC protocols as frontend and at fully populated capacity even in case of controller or node failure. The proposed storage system should have rated maximum IOPS of 4M or above (2PB system), 2M or above (1PB system), 1M or above (512 TB system) at 100% random read hit with 8K block size. …… ……	**Minimum Technical Specifications for Enterprise Storage** **8. Storage Performance:** …… …… 8.1 **At least 3 Million** (2PB system), 2 Million (1PB system), 1 Million (512TB System) IOPS with random workload should be supported with 70% Read and 30% Write Ratio with 16KB block size and less than 1 ms latency with NVME SSD drives with both FC & NVMEoFC protocols as frontend and at fully populated capacity even in case of controller or node failure. The proposed storage system should have rated maximum IOPS of 4M or above (2PB system), 2M or above (1PB system), 1M or above (512 TB system) at 100% random read hit with 8K block size. …… ……
2	**Minimum Technical Specifications for Enterprise Storage** **16. O/S Support:** …… …… 16.4 Offered Storage array shall support heterogeneous storage virtualization (native/external) for vendors like, but not limited to, EMC, HP, IBM, Hitachi, Netapp etc. Storage should be supplied with the Virtualization licenses equal to the proposed capacity of the Storage. In case of non-native/external component used, it should be supplied in redundant mode with no single point of failure …… ……	**Minimum Technical Specifications for Enterprise Storage** **16. O/S Support:** …… …… 16.4 Offered Storage array shall support heterogeneous storage virtualization (native/external) for vendors like, but not limited to, EMC, HP, IBM, Hitachi, Netapp etc. **Storage should be supplied with required licenses for proposed capacity for migration from above 3rd party OEM storages**. In case of non-native/external component used, it should be supplied in redundant mode with no single point of failure. …… ……

S No	Clause in RFP	Clarifications/ Changes made
3	**Minimum Technical Specifications for Enterprise Storage** **22. Application Aware Automation and Orchestration:** **……..** **……..** 22.1 The proposed array should support direct backup of production volumes to a secondary storage / backup appliance with native integration with VMware, Oracle DATABASE and MS SQL. Proposed Storage solution, Backup software and Backup Appliance should be tightly integrated for Snapshot based Backup and Recovery for Windows Server, VMware Guest Instances, Oracle Database (RAC based deployment) and MS SQL Database Server. **……..** **……..**	**Minimum Technical Specifications for Enterprise Storage** **22. Application Aware Automation and Orchestration:** **……..** **……..** 22.1 The proposed array should support direct backup of production volumes to a secondary storage / backup appliance with native **OR Backup Software** integration with VMware, Oracle DATABASE and MS SQL. Proposed Storage solution, Backup software and Backup Appliance should be tightly integrated for Snapshot based Backup and Recovery for Windows Server, VMware Guest Instances, Oracle Database (RAC based deployment) and MS SQL Database Server. **……..** **……..**

All other Terms & Conditions are same as per our RFP for Supply, Installation and Maintenance of Enterprise Class Storage System (Bid Number: GEM/2023/B/3539788 dated 07th June 2023).