

Corrigendum in Tender No. HWT290818510**1. Revised Payment Terms:**

Payment: Payment for Goods and Services shall be made by Purchasing Department in Indian Rupees as follows:

- 1) No advance payment will be made.
- 2) 70 % payment after successful inspection / physical verification & delivery of the ordered goods at specified location. The inspection / physical verification will be done as decided by GIL.
- 3) 10 % payment will be made after completion of installation, commissioning, configuration, successful completion of FAT & user's functional training as per the scope of work.
- 4) Balance 20% payment will be made in 4 equal instalments advance during every year starting from 2nd year from the date of FAT.

2. Revised Technical Specifications

Sr. No.	Item Minimum Specifications	Matched/ Not Matched	Remarks (If any)
Item No. 1: Storage System			
1	Parameter	Specification	
	Capacity	<ul style="list-style-type: none"> • Total Usable capacity should be 250 TB from Day one. • The Storage capacity mentioned is the Usable capacity in RAID 6 or equivalent Configuration. Additionally, minimum 2 Hot Spare Drives must be offered. • Disks should be minimum of 7.2 K or higher RPM with 6TB or higher capacity NL SAS drive. • Should support self-encrypted SAS and NL SAS drives. 	
	High Availability	<ul style="list-style-type: none"> • Controllers / Node should work in Active-Active mode from day one. • The storage should not have any single point of failure on components like controllers, disks, cache memory, I/O Ports, Power supply, Fan, etc. 	
	Cache	<ul style="list-style-type: none"> • Each storage Controller / Node should be supplied with minimum 8 GB Cache. • The storage array must have complete cache protection mechanism either by de-staging data to disk or providing complete cache data protection with battery/capacitor backup. 	
Compatibility	<ul style="list-style-type: none"> • Should be able to store all types of data (Data, Voice, Images, Video, etc.) • Should support SAS, NL-SAS & SSD drives within same storage system • Should support Windows (Windows 2012/2016), VMware and Linux operating systems. • Modular design to support controllers and disk drives expansion • Should be Rack Mountable 		

	<ul style="list-style-type: none"> Should support remote management 		
RAID	<ul style="list-style-type: none"> The solution must support different RAID groups (RAID 5, 6 or equivalent configuration) 		
Storage Management Software	<ul style="list-style-type: none"> Storage management software should be supplied with required licenses for the total capacity. Load Balancing & multi-path functionality should be enabled from day one. Data Protection: Should support minimum 512 Snapshots from day 1. Data Tiering: Should support data tiering between SSD, SAS and NL SAS as and when required. Necessary licenses to be considered. 		
Management Console	<ul style="list-style-type: none"> A single command console for entire storage system. The Solution should allow role-based access, audit logs, performance monitoring and other general operations and administration capabilities through GUI/CLI. Minimum features of Management software should be: <ul style="list-style-type: none"> System Status i.e. CPU, Memory, Disks, Network resources, Cache, etc. Display total, allocated and utilized capacity Role based user access management, disk quota management, user groups Thin Provisioning feature & license should be included Volume Copy feature & license Snapshots feature & license Firmware upgrade Display hardware details of drives, controller, connectivity, ports, etc. System audit Logs Should generate alert/notification Reports – Scheduled and Manual Historical graphs of storage performance utilization Should display capacity utilization, RAID, Alarms event and notifications. 		
Monitoring	<ul style="list-style-type: none"> It should have the functionality to monitor performance in IOPS and MB/s, throughput, storage utilization, alerts through Management software/console. Auto Alerts on Failure of physical components like CPU, Disk, Memory etc. Should support real time monitoring of software version, hardware status and system capacity usage. 		
Network Ports	<ul style="list-style-type: none"> Minimum 4 x 10Gbps LAN frontend host ports. Minimum 4 x 6 Gb/s backend ports. 		
Connectivity & Protocols	<ul style="list-style-type: none"> NFS, CIFS/SMB 		
Others	<ul style="list-style-type: none"> The proposed solution should be supplied with required cables, Indian standard power cords and all other required accessories like patch cords, connectors, interfaces, licenses etc. 		

Note: Kindly note that GIL has been shifted to below address. Bidder will have to submit Nonrefundable Bid Processing Fees of Rs. 5,900/- & Earnest Money Deposit (E.M.D.) of Rs. 1,20,000/- (Refundable) on or before date & hours of submission of bid in a sealed cover at GIL office at below address:

**Gujarat Informatics Limited,
Block No. 2, 2nd Floor, Karmayogi Bhavan,
Sector 10A, Gandhinagar, 382010
Gujarat**

All other Bid terms & conditions remain unchanged.