



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.**

Ref. No. (PR.1000042416)

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TENDER SPECIFICATIONS: Add On Components – HPC Storage Server

1. Objective:

The objective of this tender is to procure a Storage Expansion Solution that seamlessly integrates with existing storage infrastructure and allows the straightforward configuration and management.

2. Compatibility Requirements:

- The proposed storage expansion must be fully compatible with the existing storage infrastructure, which includes the machine GS3024R02C0FH-0032 having FC Ports and 450TB of raw capacity along with SSD caching.
- Compatibility should ensure that there are no disruptions to ongoing operations and that existing data can be seamlessly migrated or expanded upon.

3. Integration and Configuration:

- The solution should offer seamless integration capabilities, allowing for easy incorporation into the current storage environment without requiring extensive downtime or reconfiguration.
- Configuration processes should be intuitive and well-documented to facilitate quick deployment by IT personnel.

4. Technical Specifications:

860TB Storage Expansion (JBOD) for Existing <u>GS3024R02C0FH-0032</u> Storage			
Parameters	Specification	Compliance	Remarks
Form Factor	4U Rack mounted		
Controllers	Dual redundant controllers		
Onboard SAS Expansion Ports	6x 12Gb SAS ports,		
Supported Drives	• 2.5" SAS SSD • 2.5" 12Gb/s SAS 10,000 RPM HDD • 3.5" 12Gb/s NL-SAS 7,200 RPM HDD • 2.5" SATA SSD		

Storage Capacity	Initially quoted with 860TB or more raw storage capacity with 12G SAS 7200RPM drives and can be scalable upto 1200TB raw capacity within the same chassis without investing on hardware but just adding additional HDD's in the same chassis		
Drive Capacity	Individual drive capacity should not be more than 20TB		
Power supply Unit	1200W x 2 (80 PLUS Platinum)		
Safety Standards	• Electromagnetic compatibility: CE, BSMI, FCC • Safety: UL, BSMI, CB		
Additional Terms and condition	Proposed storage expansion should be compatible with existing storage and seamless integration & configuration as mentioned above will be in the scope of bidder		

Terms and condition:	Compliance	Remarks
The solution should be quoted with comprehensive warranty of 3 Years.		
The Scope of Work should be delivered strictly as per the requirement and all the configuration and setup needs to be done accordingly.		
The delivery of the machine should not be more than 5 weeks and the implementation should not take more than 1 weeks of time.		
OEM MAF is compulsory.		
The OEM must be the same as of the existing machine's.		
OEM/Bidder should have sales and support office in Mumbai with support personnel to provide on-site support.		