

**Supply and Installation of Master Node, Compute Node and GPU Cards at  
IISc Bangalore [M.Tech. (AI) Labs]**

Tender No: IISc/P/EE/CSS/MTech-AI/2021-22/06

**Additional Details**

18-02-2022

Sl. No.	Item	Details
1	Processor for the Master Node	Single/Dual CPU (2.1+ GHz) Intel/AMD
2	Master Node / Login Node / Storage - in terms of Processor / Memory.	32GB RAM at least
3	CPU Specification for the Master Node	<b>Master Node</b> Single/Dual CPU (2.1+ GHz) Intel/AMD CentOS 7.4+ OS compatibility 24/32 cores and 32GB RAM at least
4	No. of ports in the networking switch	48 ports
5	Network Switch & Cable-Kindly Specify the Connectivity speed	Gigabit ethernet switch - 1000Mbps or more
6	Redundant Power Supply in Master Node	Vendor may mention this as optional addon and indicate pricing separately
7	CPU Clock Speed for Compute Node	2.1GHz or above
8	Compute USB 3/4	Min 2 USB 3.0 Drive
9	Compute Node 2TB Disk Space - SATA / SSD	SATA
10	RAID Storage with Backup	RAID 5 configuration needs to be setup on multiple drives (4x8TB or 8x4TB) with distributed parity and back up