NDP Project	Mega Semen Station	**Date Prepared**	01/03/2019
Item Name	Rack Mounted Server	**Valid Up to**	30/09/2019
Approved By	ICT	**Signature**	

Item	**Specifications**
Form Factor	Rack Mountable
CPU	Dual Intel® Xeon E5-2600 V3 Series, 2.4 GHz, 8-core, 20 MB L3 cache/CPU, 64 bit processor supporting 1600 MHz DDR3 Memory Speeds with Hyper Threading and Turbo Boost Technology
Motherboard	Intel C600 Series or equivalent Chipset
Expansion Slots	Minimum 2 PCIe Slots Free
Memory	64 GB DDR3, 1600MHz DIMMS RAM expandable to 128 GB
Storage Controller	SAS Raid Controller with 512 MB Cache supporting Raid 0/1/1+0/5/10
SAS Controller CARD	External 6 GB/s SAS interface to connect LTO-5 Tape Drive to Server
Hard Disk Drive	2 X 1 TB, 10K rpm 6Gb/s SAS, Hot Plug Hard Disks to be configured in hardware Raid1.
Optical Drive	DVD+/-RW Writer
Video Controller	Min. resolution of 1280 x 1024 with 32 bit colors.
Bays	4 Internal Hot Plug bays , 1 CDROM bay
Ports	1 Serial Port, 6 USB Ports (2 front), 2 RJ45 Ports
Power Supply	Redundant Hot Swap Power supply, 230 Volt Indian Standard Power Cord
Networking features	Dual Port 10/100/1000 Gigabit Ethernet Network Adapter with TCP/IP offload engine and asset tracking and security management, remote wakeup with TCP/IP IPv4 and IPv6 support
Industry Standard Compliance	ACPI 2.0 Compliant; PCIE 3.0 Compliant; PXE Support; WOL Support; USB 2.0 Support
OS Support / Certifications:	Windows Server 2008/2008 R2/2012 ; Red Hat Enterprise Linux; SuSE Linux Enterprise Server; VMware Virtualization Software, Citrix Xen Server, Windows Hyper-V
Remote Management	Remote Management for virtual power button control, virtual text remote control, serial port redirection, event logging, and integrated management log, Automatic Server Recovery, etc.
Systems Management	Systems Setup, Installation and Diagnosis Software with Drivers for Windows 2008/ 2008 R2 /2012 and Linux Operating Systems.

- Scope of work includes supply and installation of Hardware
- Server should be supplied with 3 Years onsite comprehensive warrantee and support. Call should be attended on next business day and problem resolution within 24 hours of attending the call.
- Vendor should provide item wise part no. and compliance report for each item listed in the specification and should specifically mention deviation, if any.
- Vender should provide OEM authorization letter.
- **Vendor should provide the specification strictly in the above format adding 3rd column mentioning the specification of each and every item listed in the above sheet. Any additional information may be provided separately**