

## (Annexure –I)

**Configuration of Workstation**

<b>S. No.</b>	<b>Particulars</b>	<b>Required Specification</b>	<b>Specification to be supplied (By supplier)</b>
1.	<b>Processor</b>	Dual Processor Quad-Core 64-Bit Intel® Xeon® X5667 3.0 GHz, 6.4 GT/s turbo	
2.	<b>Motherboard</b>	Intel® 5520 chipset	
3.	<b>Power Supply</b>	1100 watts 85%+ Efficiency Power Factor Correcting (PFC) power supply	
4.	<b>Operating System **</b>	Genuine Windows® 7 Professional 64-Bit with Downgrade Rights Service to Windows® XP Professional x64 Edition	
5.	<b>Cache Memory</b>	12 MB L3 Cache Memory	
6.	<b>FSB</b>	1333 MHz	
7.	<b>RAM</b>	12 GB, DDR3 RDIMM Memory, 1333 MHz Ecc (6 DIMMS)	
8.	<b>Graphics Card</b>	NVIDIA Quadro® NVS 295, 2MON, 2 DP w/ 2 DP to DVI Adapter	
9.	<b>GPU (Graphics Processing Unit)</b>	T7500 supports the NVIDIA® Tesla™ C1060 GPU card with 240 cores and 4GB of memory	
10.	<b>Hard Dive Configuration</b>	C1 All SATA or SSD drives, Non-RAID, 1 drive total configuration	
11.	<b>Hard Drive Internal controller option</b>	Integrated LSI 1068e SAS/SATA 3.0 Gb/s controller	
12.	<b>Boot Hard Drive</b>	2X300 GB SATA, 10 K RPM Hard Drive with 16 MB DataBurst cache™	
13.	<b>Optical Device</b>	DVD ROM with cyber link DVD16N Power DVD™	
14.	<b>System Recovery</b>	Back-up and Recovery Manager for windows 7	
15.	<b>Network Controller</b>	Integrated Broadcom® 5761 Gigabit Ethernet controller. 2nd Gigabit port is available with the optional PCI-e Broadcom Gigabit controller card	
16.	<b>Keyboard</b>	USB Standard keyboard	
17.	<b>Mouse</b>	USB Optical Mouse	
18.	<b>Power Cord</b>	125V Power Cord	
19.	<b>Documentation</b>	Documentation, English	
20.	<b>Reference Guide</b>	Quick reference guide, English	
21.	<b>Software</b>	Microsoft® Office Professional 2010 Trusted Platform Module 1.2 (TPM 1.2) Chassis intrusion switch – Optional Setup/BIOS Password, I/O Interface Security	

22.	<b>Monitor</b>	UltraSharp™ U2410 24inch Wide Screen Monitor, VGA/DVI	
23.	<b>Serial Port Adapter</b>	Serial Port Adapter, Full Height	
24.	<b>Chassis</b>	<p><b><u>Dimensions</u></b></p> <ul style="list-style-type: none"> <li>• (HxWxD): 22.26" x 8.5" x 22.3" (56.54cm x 21.59cm x 56.6cm)</li> <li>• Weight: 55 lb (24.9 kg)</li> </ul> <p><b><u>Bays</u></b></p> <ul style="list-style-type: none"> <li>• Four internal 3.5" HDD bays</li> <li>• Three external 5.25" optical bays, one of which can accommodate a fifth HDD</li> <li>• One external 3.5" flex bay for floppy drive or media card reader</li> </ul> <p><b><u>Slots</u></b></p> <ul style="list-style-type: none"> <li>• All full length except as noted</li> <li>• One PCI-e x16 Gen 2 wired as x4</li> <li>• Two PCI-e x16 Gen 2 slots wired as x8 (one is half length)</li> <li>• Two PCI-e x16 Gen 2 graphics slots</li> <li>• One PCI-X 64bit/100MHz slot with support for 3.3v or universal cards</li> <li>• One PCI 32bit/33Mhz 5V slot</li> </ul> <p><b><u>Standard I/O Ports</u></b></p> <ul style="list-style-type: none"> <li>• (11) USB 2.0 (two on front panel, six on back panel, three internal)</li> <li>• (2) IEEE 1394a (one front, one rear)</li> <li>• serial</li> <li>• parallel</li> <li>• PS/2</li> <li>• RJ-45</li> <li>• ESATA port on back panel</li> <li>• Stereo line-in and headphone line-out on back panel</li> <li>• Microphone and headphone connector on front panel</li> </ul>	
25.	<b>Model</b>	Tower Model	
26.	<b>Warranty</b>	3 Year Comprehensive Onsite Warranty	

27.	<b>OS Certification</b>	Windows and Linux Certified.	
-----	-------------------------	------------------------------	--

\*\*

- one workstation with Genuine Windows<sup>®</sup> 7 Professional 64-Bit with Downgrade Rights Service to Windows<sup>®</sup> XP Professional x64 Edition and
- one workstation with Red Hat<sup>®</sup> Enterprise Linux<sup>®</sup> WS v.5.3 EM64T