

<b>NETWORK VIDEO RECORDER (NVR) SPECIFICATIONS</b>			
<b>SL</b>	<b>FEATURE</b>	<b>Compliance</b>	<b>Deviations, if any</b>
A	NVR shall be housing the software with analytic features as described below along with salient performance features expected as given below:		
	a. The user interaction is from front panel or connected Monitor with specified software. NVR should provide camera controls, display controls and connectivity to networks.		
	<ul style="list-style-type: none"> <li>The PTZ functions of the camera shall be controlled from the NVR. The system shall also support external system controller if attached to the NVR, for PTZ functions.</li> </ul>		
	<ul style="list-style-type: none"> <li>The NVR shall have superior compression efficiency with a hard disk capacity of 10 TB with feature for attaching external storage device for obtaining back-up</li> </ul>		
	<ul style="list-style-type: none"> <li>The NVR shall support recording for a period of minimum 30 days at 25fps@ 4 CIF resolutions.</li> </ul>		
	<ul style="list-style-type: none"> <li>The NVR shall also have the output ports for connecting to at least 2 Color Monitors. Expandable to more independently.</li> </ul>		
	<ul style="list-style-type: none"> <li>There should be a facility to connect Existing PC's with NVR for viewing camera using existing HPCL LAN (Through a secured tunnel).</li> </ul>		
	<ul style="list-style-type: none"> <li>There shall be DVD-R/W for memory back –up for selected duration.</li> </ul>		
	<ul style="list-style-type: none"> <li>The recorded DVD can be played back in any location with the supported media player. DVD-R/W shall be an integral part of NVR.</li> </ul>		
	VGA out put shall support HD video		
B	<b>Network Video Recorder Server – Other Specifications</b>		
1	Intel dual core Xeon 3.2 GHz or better chipset with 4 MB cache, Hyper-Threading Technologies and Intel Extended Memory 64 Technology (EM64T). Intel High Performance E7520 Chipset with 800 MHz FSB		
2	4MB (2 x 2MB) Level 2 cache		
3	4 GB (2 x 1 GB) PC2-5300 Fully Buffered DIMMs (DDR2-667) with Advanced ECC, mirrored and online spare memory capabilities		
4	Dual Onboard Intel Gigabit Ethernet with Load Balancing and Fail over Support		
5	Smart Array P400 Controller with 256MB cache (RAID 5).		
6	Hot Plug Fully Redundant Fans Standard. HDD capacity will be 4(2x2) TB. The HDD should be RAID 5. there shall be a provision of slots for adding 2x2 TB memory		
7	NVR shall be loaded with Licensed Operating system to support video management software , anti virus software (HPCL supplied) & Analytic software as detailed below		
8	NVIDA Qaudro FX 440 Graphics card for supporting high resolution images		
9	NVR cost shall include cost of all connectors cabling from Level -3 Network switch to NVR & to user PC'S / monitors		
10	OS : WINDOWS SERVER 2008		
11	<b>Approved Makes:</b> DELL, LENEVO, HP or equivalent		