

# *Section VI. Schedule of Requirements*

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item No.	Description	Qty.	Unit	Delivered, Weeks/Months
1	<p><b>2-NODES GEN3 HYPER-CONVERGED INFRASTRUCTURE (HCI) WITH MANAGED SWITCH</b></p> <p>A. 2-NODE GEN3 HCI APPLIANCE:</p> <ul style="list-style-type: none"> <li>• FOR EACH NODE:                             <ul style="list-style-type: none"> <li>- 2x CPUs (Intel Xeon Silver 4314 2.4GHz 16C/32T 135W)</li> <li>- 256GB RAM</li> <li>- 2x 240GB OS disks (Configured with RAID1)</li> <li>- 8x 8TB 7200RPM 3.5" SATA HDD (Enterprise).</li> <li>- 4x 1.9TB Enterprise Grade SSD (3D NAND TLC, 2.5", mixed-use, SATA 3.0 6Gbps)</li> <li>- 32 RAM Slots</li> <li>- 1x RAID Card</li> <li>- 12x 3.5in Disk Slots</li> <li>- 4x GE + 2x 10GE Network Interface Cards</li> <li>- 4x USB3 ports</li> <li>- 3x PCIE Slots with Pre-installed 1x PCIE NIC Card 2/4-Port 10GE NIC</li> <li>- Redundant Power Supply, 227W-900W Working Power</li> </ul> </li> <li>• HCI Accessories and Peripherals:                             <ul style="list-style-type: none"> <li>- 8x 3m LC-LC Multimode Fiber Optic Cables</li> <li>- 8x SFP+ 10GE Multimode Optical Transceiver, for short-distance transmission (850nm, 300M).</li> <li>- 16x Premium Line Cat6 UTP, Slimline Patchcord, Blue</li> </ul> </li> <li>• 3-Year HCI Software License with functionalities including:                             <ul style="list-style-type: none"> <li>- 4x Server Virtualization (HA, DRS, Automated Hot Add, Backup, Clone, Sub Administrator)</li> </ul> </li> </ul>	1	lot	Sixty (60) calendar days

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<ul style="list-style-type: none"> <li>- 4x Network Virtualization (Distributed Firewall, Drawable Topology, visualized network, aSwitch, aRouter, etc.)</li> <li>- 4x Storage Virtualization (2-3 Copies, SSD Read &amp; Write Acceleration, Storage Tiering, Data Locality)</li> <li>- 3-year Software license subscription &amp; upgrade, upgrade license included for 1 year, CTI technical support 7*24 for 1 year.</li> </ul> <p><b>B. 2X MANAGED SWITCH:</b></p> <ul style="list-style-type: none"> <li>- 2 units managed Switch: 12x 100M/1000M/2.5GE/5GE/10GE electrical ports with auto-negotiation, 4x 10G/25G QSFP28 ports, support PoE/PoE+/PoE++ ,1 fixed AC power supply and 2 fixed fans.</li> </ul> <p><b>C. 1X RACKMOUNT UPS:</b></p> <ul style="list-style-type: none"> <li>- 1 unit UPS 3000VA/2700W Rackmounted with 6x AC Output (USB, RS232, EPO, and additional slots for optional cards, LED, LCD, and function keys (parameters: voltage, frequency, percentage load, battery voltage, output voltage, estimated uptime, UPS temperature).</li> </ul> <ul style="list-style-type: none"> <li>• <b>Integration Services:</b> <ul style="list-style-type: none"> <li>- The new HCI infrastructure, consisting of two 2-node HCI servers, two management switches, a rackmount UPS, network cables, and necessary accessories (including licenses), will be seamlessly integrated with the existing HCI system to form a single, expanded infrastructure. This integration will involve merging network configurations and cabling to create a unified network with enhanced storage redundancy and optimized network and compute capabilities.</li> </ul> </li> <li>• <b>With In-Person Professional Training:</b> <ul style="list-style-type: none"> <li>- Develop a training schedule approved by USTP-DTO.</li> <li>- Provide in-person, all-expense paid technical training at Cagayan de Oro City for 10 participants for 5 days.</li> <li>- Provide training materials and resources accessible to trainees.</li> </ul> </li> </ul>			
<p><b>***** Nothing Follows*****</b></p>			



I hereby verify to comply with all the above requirements.

\_\_\_\_\_  
Signature over printed name of the authorized representative

\_\_\_\_\_  
Company name

\_\_\_\_\_  
Date

