

## *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	Quantity	Unit	Delivered, Weeks/Months
1	<p><b>2-NODES GEN3 HYPER-CONVERGED INFRASTRUCTURE (HCI) WITH RACK CABINET AND MANAGED SWITCH</b></p> <p>A. 2-NODE GEN3 HYPER-CONVERGED INFRASTRUCTURE (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>- 128GB RAM</li> <li>- 2x 240GB SATA SSD OS Disk</li> <li>- 32 RAM Slots</li> <li>- 64TB (4x 16TB) Enterprise HDD</li> <li>- 1x RAID Card</li> <li>- 12+2 Disk Slots</li> <li>- 4x GE + 2x 10GE Network Interface Cards</li> <li>- 4x USB3 ports</li> <li>- 3x PCIE Slots</li> <li>- Redundant Power Supply, 227W-900W Working Power</li> </ul> </li> <li>• 3-YEAR HCI SOFTWARE LICENSE WITH FUNCTIONALITIES INCLUDING:                             <ul style="list-style-type: none"> <li>- Server Virtualization (HA, DRS, Automated Hot Add, Backup, Clone, Sub Administrator)</li> <li>- Network Virtualization (Distributed Firewall, Drawable Topology, etc.)</li> <li>- Storage Virtualization (2-3 Copies, SSD Read &amp; Write Acceleration, Storage Tiering, Data Locality)</li> </ul> </li> <li>• ACCESSORIES AND PERIPHERALS:                             <ul style="list-style-type: none"> <li>- 1.9TB Enterprise Grade SSD (3D NAND TLC, 2.5", mixed-use, SATA 3.0 6Gbps)</li> <li>- 4x 3m LC-LC Multimode Fiber Optic Cables</li> <li>- 4x SFP+ 10GE Multimode Optical Transceivers (850nm, 300M)</li> </ul> </li> <li>• 1x MANAGED SWITCH:                             <ul style="list-style-type: none"> <li>- 12-Port Multi-GE PoE Switch with Cloud Management</li> <li>- Full 1/2.5/5/10GE ports</li> <li>- 25G Uplink (4 x 10GE/25GE SFP28 ports)</li> <li>- PoE/PoE+/PoE++ support</li> </ul> </li> </ul>	1	lot	Sixty (60) calendar days



<p>- Fixed AC power supply and fan</p> <p><b>B. 1x SERVER RACK CABINET WITH UPS:</b></p> <ul style="list-style-type: none"> <li>- 42U rack height</li> <li>- 39 inches deep</li> <li>- Glass/mesh doors</li> <li>- Cable management trays</li> <li>- Built-in Power Distribution Unit (PDUs) and</li> <li>- Electrical provisioning from USTP electrical source to the data cabinet to power up HCI server (includes all consumables, need site visit for assessment)</li> <li>- Uninterrupted Power Supply (UPS), 2000VA/1800watts, Rackmount 2U, Input 230V, 4x IEC C13 outlets, Intelligent Card Slot, High operating efficiency in energy-saving ECO mode, Prolonged battery life with intelligent temperature-compensated charging, Easy-to-read LCD interface for detailed and accurate information on UPS status. Include rail kit for the cabinet installation.</li> </ul> <p><b>C. WITH IN-PERSON PROFESSIONAL TRAINING:</b></p> <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> <li>- Trainers are expected to proficiently conduct, facilitate, and handle HCI and Advanced Enterprise Core Technology training sessions as per project requirements.</li> </ul> <p>NOTE: Please see attached Terms of Reference</p>			
<p><b>***** Nothing Follows*****</b></p>			