

# WMO - World Meteorological Organization

Equipment	Quantity	Unit Price	Total Item Price	Currency
<b>Server</b> <b>Processor</b> <ul style="list-style-type: none"> <li>Intel Xeon Gold 5317 3G, 12C/24T, 11.2GT/s, 18M Cache, Turbo, HT (150W) DDR4-2933 or equivalent</li> <li>Thermal Configuration: Heatsink configuration</li> <li>Configuration Type: Performance Optimized</li> <li>1.2TB 10K RPM SAS 12Gbps 512n</li> <li>2.5in Hot-plug Hard Drive</li> <li>Dual power supply</li> <li>DIMM Type and Speed: 3200MT/s RDIMMs</li> <li>Memory Capacity: 64GB RDIMM, 3200MT/s</li> </ul> <b>Cooling and Power:</b> <ul style="list-style-type: none"> <li>Fans: Standard Fan x7</li> <li>Power Supply: Dual, Fully Redundant (1+1), Hot-Plug</li> </ul>	1			USD
<b>Storage</b> <ul style="list-style-type: none"> <li>2x 1TB NVMe SSDs for OS and frequently accessed data</li> <li>6x 4TB 7.2K NL HDD for bulk storage</li> <li>RAID 5 or 6 for data redundancy and performance</li> <li>RAID Configuration: C7, Unconfigured RAID for HDDs or SSDs (Mixed Drive Types Allowed)</li> <li>RAID/Internal Storage Controllers: Front PERC H755 Front Load</li> <li>Energy Configuration: No Energy Star</li> <li>1x 16Gb FC Card Adapter Pair</li> </ul>	1			USD
<b>Network Switch</b> <ul style="list-style-type: none"> <li>PoE</li> <li>24 ports 10/100/1000 mb ports shall be configurable as half duplex or full duplex to be suitable to be rack-mounted</li> <li>Hot swappable power supply</li> </ul>	1			USD
<b>Firewall</b> <b>Throughput:</b> <ul style="list-style-type: none"> <li>IPS Throughput &gt;= 30 Gbps</li> <li>NGFW Throughput &gt;= 25 Gbps</li> <li>Threat Protection Throughput &gt;= 25 Gbps</li> </ul> <b>Ports and Interfaces:</b> <ul style="list-style-type: none"> <li>16 X Hardware Accelerated 10 GE / GE RJ45 Ports</li> <li>16 X Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ / GE SFP Slots</li> <li>4 X Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots</li> <li>Hardware Accelerated 10 GE SFP+ / GE SFP HA Slots</li> <li>GE RJ45 Management Ports</li> <li>USB 3.0/3.1 Port</li> <li>Console RJ45 Port</li> </ul> <b>Security Features:</b> <ul style="list-style-type: none"> <li>UTM capabilities.</li> <li>Antivirus, Anti-SPAM, Web/Content Filter, intrusion prevention, and application control</li> <li>SSL Inspection</li> <li>Geolocation site Blocking</li> <li>Traffic Proxies support for HTTP, HTTPS, SMTP, FTP, DNS, TCP-UDP, POP3, SIP, H.323, Multi-WAN Support, Static NAT, Dynamic NAT</li> </ul> <b>VPN Capabilities:</b> <ul style="list-style-type: none"> <li>Site-to-Site VPN</li> <li>Remote Access VPN</li> </ul> <b>Management and Monitoring:</b> <ul style="list-style-type: none"> <li>Logging and reporting features</li> <li>Server Load Balancing feature</li> </ul> <b>Scalability:</b> <ul style="list-style-type: none"> <li>Minimum 1000 number of users or devices supported</li> </ul> <b>Licensing and Support:</b> <ul style="list-style-type: none"> <li>Provide with 3 years Licensing</li> </ul> <b>Compliance:</b> <ul style="list-style-type: none"> <li>Firewall should be compliance with all the switches</li> </ul>	1			USD
<b>UPS-1</b> <ul style="list-style-type: none"> <li>Rack mountable</li> <li>3000W, 220V</li> <li>50/60Hz</li> <li>Power management for battery service life</li> <li>Efficiency min 95%</li> <li>Above are minimum specs, Min 10 mins run time for the overall System (firewall, switch, server) is required. The Contractor shall provide their power calculation accordingly and demonstrate how the offered UPS will perform the minimum requirements.</li> </ul>	1			USD

<b>UPS-2</b> <ul style="list-style-type: none"> <li>• 3000W, 220V</li> <li>• 50/60Hz</li> <li>• Power management for battery service life</li> <li>• Efficiency min 95%</li> <li>• Min 10 mins run time for the overall System for workstation</li> </ul>	1			USD
<b>Screen</b> <ul style="list-style-type: none"> <li>• 55 inches 4k UHD</li> <li>• HDMI interface</li> <li>• 220V</li> <li>• 50/60Hz</li> </ul>	1			USD
<b>Windows Server 2022 Standard</b> <ul style="list-style-type: none"> <li>• Windows Server 2022 Standard CAL 16 Core License Pack + 5 CALS</li> <li>• Designed for businesses with more than 25 users and 50 devices</li> <li>• Run business-critical workloads in your datacenter, on cloud, and at the edge</li> <li>• Advanced multi-layer security against threats</li> <li>• Improved tools for hybrid-server management</li> <li>• 16 core license pack included, plus additional Client Access Licenses (CALs)</li> </ul>	1			USD
<b>Pro PDF programme (e.g. Nitro PDF or equivalent)</b> <ul style="list-style-type: none"> <li>• Create PDFs and Combine Files</li> <li>• Convert Files to and from PDF</li> <li>• Edit PDF files</li> <li>• Review, Markup, and Annotate PDFs</li> <li>• Build and Fill PDF forms</li> <li>• Keep PDFs secure</li> <li>• Digitally Sign and Certify Documents</li> <li>• Cloud storage integrations</li> <li>• Customizable Ribbon Tab</li> <li>• Microsoft Office-like interface</li> <li>• Batch OCR &amp; edit OCR</li> <li>• Convert to Microsoft Excel and PowerPoint</li> <li>• Convert to PDF/A</li> <li>• Permissions: add and edit</li> <li>• Create and edit: Tables of Contents, bookmarks</li> <li>• PDF Portfolios</li> </ul>	1			USD
<b>Microsoft Office 2021 Pro</b> <ul style="list-style-type: none"> <li>• One-time purchase scheme for 1 PC</li> <li>• Classic 2021 versions of Word, Excel, PowerPoint, and Outlook, as well as Publisher and Access</li> <li>• Includes Microsoft support for the first 60 days at no additional cost</li> <li>• Compatible with Windows 11 and Windows 10</li> <li>• Works with Microsoft Teams</li> </ul>	1			USD
<b>Workstation with Screen (24 inch)</b> <ul style="list-style-type: none"> <li>• Intel Xeon W-1350P or equivalent</li> <li>• 32GB DDR4 2933MHz ECC UDIMM</li> <li>• 1TB Hard Drive 7200RPM 3.5"</li> <li>• 256GB Solid State Drive, 2.5 TLC OPAL</li> <li>• NVIDIA Quadro T1000-4GB or equivalent</li> <li>• Windows 10 Pro 64</li> <li>• 3 in 1 Card Reader</li> <li>• Slim DVD RW 9.0mm</li> <li>• Integrated Audio</li> <li>• Intel Wi-Fi 6 AX201 2x2 AX or equivalent</li> <li>• Bluetooth Version 5.0 vPro</li> <li>• USB Callope Mouse &amp; Keyboard Black English</li> <li>• Tower 92% Power 500W</li> <li>• 376 mm x 170 mm x 315.35 mm , 9.4 kg with maximum configuration (without monitor)</li> <li>• 3 Years Support</li> </ul>	1			USD
<b>Total Sum (USD):</b>				

**\*All prices shall be free of taxes.**