












A. TECHNICAL SPECIFICATIONS




No	Item	Description	Quantity	Reference Picture
1	Notebook	<p>Model: Lenovo ThinkPad or Equivalent Class: business (heavy duties) Processor: 11th Gen Intel® Core™ i9-11950H vPro® (2.6 GHz, up to 5.0GHz with Turbo Boost, 8 Cores, 16 Threads, 24MB Cache) or comparable AMD Operating System: Microsoft Windows 10 Pro 64-Bit System Builder OEM Memory: 16GB DDR4 (3200MHz) ECC or non-ECC minimum Storage: 1TB M.2 NVMe PCIe Gen 4 SSD minimum Graphics Card: NVIDIA® T1200 Laptop GPU or Equivalent Display Type: 15.6" FHD (1920 x 1080) IPS, antiglare, 500 nits, Dolby Vision HDR Battery: 10 hours (MM18)* Supports Rapid Charge minimum or Equivalent keyboard: Numeric keypad, Spill-resistant, Backlit with white LED lighting Ports & Slots: 2 x USB-A 3.2 Gen 1 (1 always on) 2 x USB-C Thunderbolt™ 4 USB-C HDMI 2.1/2.0 (dependent upon graphics) Headphone/mic combo RJ45 Ethernet SD card reader Warranty: 1-year hardware and depot service</p>	1	
2	Notebook	<p>Model: Lenovo ThinkPad, or Equivalent Class: business (heavy duties) Processor: 10th Generation Intel® Core™ i5-10210U minimum or comparable AMD processors Operating System: Microsoft Windows 10 Pro 64-bit from Microsoft Memory: 8GB, DDR4 2667MHz minimum Storage: 512 GB PCIe SSD minimum Graphics Card: Integrated Intel® UHD Graphics or Equivalent</p>	32	

		<p>Display Type:15.6" FHD (1920 x 1080) IPS, anti-glare, 250 nits. Or comparable Battery: Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter or Equivalent keyboard: 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad Ports & Slots: 2 x USB 3.2** Gen 1 (1 always on) 1 x USB-C / Thunderbolt™ 3 (DisplayPort, Data Transfer, power delivery) 1 x USB-C (DisplayPort, Data Transfer, power delivery) MicroSD card reader Headphone/mic combo HDMI 1.4 RJ45 1 12. Smart Card Reader (optional) Warranty: 1-year hardware and depot service</p>		
<p>3</p>	<p>All in one</p>	<p>Model: Idea Centre AIO 27, or Equivalent Processor:11th Gen Intel® Core™ i7-1165G7 minimum or comparable AMD processors Operating System: Microsoft Windows 10 Pro 64-bit sticker from Microsoft Memory:16GB, DDR4 minimum Storage: 1TB M.2 PCIe SSD Gen 3 SSD minimum Graphics Card: NVIDIA® MX450 or comparable AMD Display Type:27" FHD (1920 x 1080) Ports & Slots: 2 x USB-A 3.2 Gen. 2 x USB-A 2.0 HDMI out RJ45 Headphone/mic combo Warranty: 1-year hardware and depot service</p>	<p>3</p>	

<p>4</p>	<p>All in one</p>	<p>'Model: Idea Centre AIO 27, or Equivalent 'Processor:10th Generation Intel® Core™ i5-10400T Processor minimum or comparable AMD processors Operating System: Microsoft Windows 10 Pro 64-bit sticker from Microsoft Memory:16GB, DDR4 minimum Storage: 512 GB PCIe SSD minimum Graphics Card: Integrated Intel® UHD Graphics 630 Display Type:27” FHD (1920 x 1080) Ports & Slots: 2 x USB-A 3.2 Gen. 2 x USB-A 2.0 HDMI out RJ45 Headphone/mic combo Warranty: 1-year hardware and depot service</p>	<p>4</p>	
<p>5</p>	<p>SERVER</p>	<p>HPE ProLiant DL380 Gen10 server or equivalent Processor: Intel Xeon-Gold 5218R (2.1GHz/20-core/125W), minimum or comparable AMD processors memory: HPE 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory, minimum Internal Storage:3x HPE 1.2TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi-Vendor HDD Power Supply:1x HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit License with 3yr Support on iLO Licensed Features P408i-a storage controller with 2 MB cache and intelligent storage battery, Eight small form factor drive bays, one HPE Ethernet 1Gb 4-port 366FLR Adapter, Management software: HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features, one SFF Easy Install Rail Kit, 3/3/3 warranty</p>	<p>1</p>	

6	Network switch	<p>Layer 2 Support, Layer 3 Support 24 x 10/100/1000 Mb/s Gigabit Ethernet (RJ45) PoE+ 4 x 10/100/1000 Mb/s Gigabit SFP 1 x Mini-USB (Console) rackmount switch Warranty: 1-year hardware and software</p>	4	
7	Network switch	<p>Layer 2 Support, Layer 3 Support 48 x 10/100/1000 Mb/s Gigabit Ethernet (RJ45) PoE+ 4 x 10/100/1000 Mb/s Gigabit SFP 1 x USB-A (Console) Rack-mountable Warranty: 1-year hardware and software</p>	2	
8	Rack (cabinet)	<p>Rack Space: 30U minimum Two PDU 5 sockets included at least Exquisite Design</p> <ul style="list-style-type: none"> • Efficient baying or earthing kit <p>Welded Steel Frame Front and back frames are welded Removable side panel Removable side panels with latch, easy to install with optional lock High-density vented front and rear doors High-density vented front and rear doors with hexagonal holes can turn over 180 degrees Advanced handle lock Advanced handle locks for the front door and optional lock-on the other Adjustable parts</p> <ul style="list-style-type: none"> • Cable entry on top and adjustable cable entry at the bottom with panel • Casters and feet can be installed simultaneously. • S-Shaped mounting profile; free to move forward and 	1	

<p>9</p>	<p>Cabinet + PDU 15 U</p>	<p>Loading capacity over 40kg The turning angle of the front door is over 180 degrees.</p>	<p>4</p>	
<p>10</p>	<p>UPS Online</p>	<p>Input Voltage 230 V or compatible with Iraq power voltage Main Output Voltage 230 V Rated power in W 5000 W Rated power in VA 5000 VA output connector type HHardwire3-wire (H N + E) 1 Battery type Lead-acid battery Rack-mounted with kit Two phototunable Output: Maximum configurable power in W 5000 W Output frequency 50/60 Hz +/- 3 Hz sync to mains UPS type: Double conversion online Wave type: Sine wave Bypass type: Internal bypass (automatic and manual) full load runtime at least 00:03:30 5000 W half load runtime at least 00:10:20 2500 W Maximum configurable power in VA 5000 VA</p>	<p>1</p>	
<p>11</p>	<p>Microsoft Office 2021</p>	<p>the essentials to get it all done. Office Professional 2021 is for growing small businesses wanting classic Office apps plus Outlook, Publisher, and Access.1 A one-time purchase installed on 1 PC for use at work.</p>	<p>40</p>	

12	Windows Server 2019	<p>Microsoft Windows Server 2019 Standard</p> <p>Brand Microsoft Model Name Windows Server 2019 Compatible Devices PC, Windows Controller Type Windows</p>	1	
13	Antivirus	<p>Product Description PROTECTS MULTIPLE DEVICES: Stay safe at home and on the go with a single license for your PCs, Macs, Android, and iOS devices. FIGHTS EVERY THREAT: Stop worrying about viruses, phishing, ransomware, and tomorrow’s most advanced cyberattacks. STOPS ONLINE THEFT: Shop, bank, and pay securely online with extra layers of protection from our Safe Money technology. PROTECTS YOUR PRIVACY: Block webcam spying, stop browser tracking, and use easy VPN encryption to hide data from hackers and ISPs. KEEPS KIDS SAFE: Protect your children from online dangers using Parent Control features.</p>	40	
14	Anti-Theft System-Digital Door Lock	<p>Digital Door Lock, dimensions: Unlock mode: App unlock, fingerprint:150 PCS, Password:150 Groups, Card:150 PCS, Mechanical critical Emergency power: USB external power supply, Power supply: 4AA Batteries, Work temperature: -40~60C, Button type: Capacitive touch button 1-year Warranty</p>	1	

B. GENERAL REMARKS AND SPECIAL CONDITION

- The bidder is responsible for loading, transporting, and unloading the materials.
- Installation will be performed by the partner, not the supplier.

- **Catalogues/datasheets with details and specifications must be provided with the tender submitted by the bidder**; reference pictures are only to recognize and understand the items, not an indication of any model or brand.
- A physical check of the supplied items will be conducted by GIZ IT personnel to confirm the quality before the delivery process.
- Delivery Location: Baghdad, International Zone, The commission of Integrity, Extradition department building