





**A. Technical Specification**

**IT Equipment**

Item No	Product Name	Product Specifications	Reference Picture	Qty
1	Notebook	<p><b>Model:</b>Dell Latitude 7310 or <b>Equivalent</b>  <b>Class:</b> business (havy duties)  <b>Processor:</b>10th Generation Intel® Core™ i5-10310U (4 Core, 6M cache, base 1.7GHz, up to 4.4GHz, vPro Capable)<b>minimum</b>  <b>Operating System:</b> Microsoft Windows 10 Pro or win 11 pro 64 Bit System Builder OEM,  <b>Memory :</b>8 GB, Non-ECC, Integrated <b>minimum</b>  <b>Storage:</b> M.2 256GB PCIe NVMe Class 40 Solid State Drive  <b>Graphics Card:</b> Intel® Integrated UHD graphics or <b>Equivalent</b>  <b>Display Type :</b>13.3" FHD (1920 x 1080) (<b>minimum</b>)  <b>Battery :</b>3 Cell 39Whr ExpressCharge™ Capable Battery or <b>Equivalent</b>  <b>keyboard:</b> Single Point Keyboard US-English and Arabic with backlight  <b>Ports &amp; Slots:</b> 1.Universal Audio Jack   2. External uSIM card tray (optional)   3. uSD 4.0 Memory Card Reader   4. USB 3.1 Gen 1 with Powershare   5. Noble Wedge Lock Slot   6. DC-in 7.4mm barrel   7. Thunderbolt™ 3 with Power Delivery and DisplayPort   8. HDMI 1.4   9. USB 3.1 Gen 1   10. SmartCard Reader (optional)  <b>Warranty:</b> 1 Year Hardware Warranty with Onsite/In-Home Service after Remote Diagnosis</p>		2
2	Docking Station	<p><b>Product Type:</b>Dell Thunderbolt Dock   WD19TB or equivalent  <b>Video Interfaces:</b> HDMI, 2 x DP, Thunderbolt, USB-C  <b>Docking Interface:</b>USB-C / Thunderbolt 3  <b>MaleInterface Max Data Rate:</b>40 Gb/s  <b>Power:</b>Power adapter 180 Watt AC 120/230 V (50/60 Hz) or equivalent  <b>Interfaces:</b>                  2 x display / video - DisplayPort - 20 pin DisplayPort                  1 x display / video - HDMI - 19 pin HDMI Type A                  1 x USB-C                  3 x USB 3.1 Gen 1 - 9 pin USB Type A                  2 x USB-C 3.1 Gen 2                  1 x network - Ethernet 1000 - RJ-45                  1 x Thunderbolt 3 - Thunderbolt - 24 pin USB-C                  Limited warranty - 1 year</p>		2
3	Monitor	<p><b>Product:</b> Dell 24 Monitor P2419H or equivalent  <b>Device Type:</b>LED-backlit LCD monitor - 24"  <b>Features:</b>USB 3.0 hub  <b>Panel Type:</b>IPS  <b>Aspect Ratio:</b>16:09  <b>Native Resolution:</b>1920 x 1080 at 60 Hz  <b>Pixel Pitch:</b>0.275 mm x 0.275 mm  <b>Brightness:</b>250 cd/m²  <b>Contrast Ratio:</b>1000: 1 (typical)  <b>Response Time:</b>up to 8 ms (normal); 5 ms (fast)  <b>Color Support:</b>at least 16.7 Million colors -  <b>Ports &amp; Slots:</b>                  1. Power Connector   2. HDMI Port   3. Stand Lock Feature   4. DisplayPort (In)   5. DisplayPort (Out)   6. USB-C Connector   7. USB Downstream Ports   8. USB Downstream Ports  <b>Display Position Adjustments</b>                  Height-adjustable stand (130mm)                  Tilt (-5° to 21°)                  Swivel (-45° to 45°)                  Pivot (-90° to 90°)  <b>Screen Coating:</b>Antiglare with 3H hardness  <b>Diagonal Size:</b> 24"</p>		3
4	Combo keyboard mouse	<p><b>Keyboard</b>  <b>layout language:</b> <u>English&amp;Arabic</u>  <b>connection:</b> wired cable USB                  Spill-resistant design 3Tested under limited conditions (maximum of 60 ml liquid spillage). Do not immerse the keyboard in liquid.                  Adjustable keyboard height                  10-Key Number pad                  8 Hotkeys: Play/Pause, Mute, Volume down, Volume up, Internet home, Launch default email application, PC sleep, Calculator launch                  Up to 5 million keystrokes (excludes number lock key)  <b>Key type:</b> deep-profile keys  <b>Mouse</b>  <b>Sensor technology:</b> Optical tracking  <b>Number of buttons:</b> 3 (Left/Right-click, Middle-click)  <b>Scrolling:</b> line-by-line  <b>Scroll Wheel:</b> Yes, optical                  1-year Limited hardware warranty minimum</p>		2

**B. Delivery**

All Items should be delivered to GIZ office in Gulan Tower (WTC) Erbil, 10th Floor except for one Monitor which should be delivered to Jadryah Office in Baghdad.

**C. Remarks And Condition**

- 1- All standard accessories for all offered items should be provided.
- 2- A Technician must be delegated from supplier to Install, and recheck after maintenance time.
- 3- The supplier shall provide the items with all standard technical features and specifications and in full working conditions.
- 4- Catalogues/picture and datasheets with details and specifications must be provided with the tender submission by bidder for the needed items and GIZ will physically check and approve
- 5- Supplying, loading, offloading and transportation are included
- 6- Reference pictures are only to recognize and understand the items, not an indication for any model or brand