




**A. TECHNICAL SPECIFICATIONS of IT EQUIPMENT:
ZME, Erbil**

No	Item	Description	Quantity	Reference Picture
1	Phone	<p>Samsung Galaxy A55 5G or Equivalent Dimensions: 161.1 x 77.4 x 8.2 mm (6.34 x 3.05 x 0.32 in] SIM: Dual SIM (Nano-SIM, dual stand-by) IP67 dust/ water resistant Display Type: Super AMOLED, 120Hz, HDR10+, 1000 nits (HBM) DisplaySize: 6.4 inches, 100.5 cm2 (*82.9% screen-to-body ratio) Display Resolution: 1080 x 2340 pixels, 19.5:9 ratio (*403 ppi density) OS: Android 14, up to 4 major Android upgrades, One UI 6.1 Chipset: Exynos 1480 (4 nm) CPU: Octa-core (4x2.75 GHz Cortex-A78 & 4x2.0 GHz Cortex-A55) Internal Memory: 256GB 8GB RAM Main Camera: 50 MP, f/1.8, (wide), 1/1.56*, 1.0um, PDAF, OIS Fron camera: 32 MP, f/2.2, 26mm (wide), 1/2.74", 0.8um Video: WLAN: Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, Wi-Fi Direct Bluetooth: 5.3, A2DP, LE Positioning: GPS, GALILEO, GLONASS, BDS, QZSS NFC: Yes (market/region dependent) USB: USB Type-C 2.0, OTGBATTERY Battery Type: 5000 mAh, non-removable Charging: 25W wired Warrenty: One year</p>	3	

ANNEX 1 TECHNICAL SPECIFICATIONS

PN: 23.2165.1-160.00

	<p>Notebook</p>	<p>'Model: Dell Latitude 5440 not detachable or Equivalent Class: business (heavy duties) 'Processor:13th Gen Intel® Core™ i7-1355U (12 MB cache, 10 cores, 12 threads, up to 5.0 GHz Turbo) Operating System: Microsoft Windows 11 Pro 64-Bit Memory: 16 GB, 1 x 16 GB, DDR4, 3200 MT/s Storage: 256 GB, M.2 2230, PCIe NVMe, SSD, Class Graphics Card: Intel 13th Generation Core i7-1355U Trans.,Intel Integrated Graphics,TBT4 or Equivalent Display Type: 14.0" FHD (1920x1080) non touch , AG, IPS, 300 nits, FHD IR, Battery: 3 Cell, 54 Wh, ExpressCharge™, ExpressCharge™ Boost capable or Equivalent Power: 65W AC adapter, USB Type-C, TCO Gen9 compliant keyboard: Single Point Keyboard US-English and Arabic with backlight Ports & Slots: 2 Thunderbolt™ 4 ports with DisplayPort™ Alt Mode/USB Type-C/USB4/Power Delivery 1 USB 3.2 Gen 1 port with PowerShare 1 USB 3.2 Gen 1 port 1 HDMI 2.0 port 1 Universal audio port 1 RJ45 Ethernet port 1 wedge-shaped lock slot 1 smart card reader slot (optional) 1 nano-SIM card slot (optional) Warranty: 1 Year Hardware Warranty with Onsite/In-Home Service after Remote Diagnosis</p>	<p>2</p>	
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	<p>Docking station</p>	<p>Product Type:Dell Thunderbolt™ Dock – WD22TB4 or equivalent Docking Interface :2 x Thunderbolt 4 Power Delivery (Power Provided) 130W (Dell systems), 90W (non-Dell systems) Interfaces: 2 x display/video - DisplayPort - 20 pin DisplayPort (1.4) 1 x display/video - HDMI - 19 pin HDMI 2.0 1 x USB-C 3.2 Gen 2/DisplayPort 1.4 2 x USB 3.2 Gen 1 - 9 pin USB Type A 1 x USB-C 3.2 Gen 2 1 x network - Ethernet 1000 - RJ-45 1 x USB 3.2 Gen 1 with PowerShare 2 x Thunderbolt 4 Limited warranty - 1 year</p>	<p>2</p>	
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B. Delivery

All Items should Be delivered to GIZ office in Erbil.

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. The supplier shall provide the items with all standard technical features and specifications and in full working conditions.
3. 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
4. Supplying, loading, offloading and transportation are included
5. Reference pictures are only to recognize and understand the items, not an indication for any model or brand
- 6.