

A. TECHNICAL SPECIFICATIONS

No	Item	Description	Quantity	Reference Picture
1	Laptop	Model: Dell Latitude 7310 or Equivalent Class: business (heavy duties) Processor: 10th Generation Intel® Core™ i5-10310U (4 Core, 6M cache, base 1.7GHz, up to 4.4GHz, vPro Capable)minimum Operating System: Microsoft Windows 10 Pro or win 11 pro 64 Bit System Builder OEM, Memory : 16 GB, Non-ECC, Integrated minimum Storage: M.2 256GB PCIe NVMe Class 40 Solid State Drive Graphics Card: Intel® Integrated UHD graphics or Equivalent Display Type : 13.3" FHD (1920 x 1080) Battery : 3 Cell 39WHr ExpressCharge™ Capable Battery or Equivalent keyboard: Single Point Keyboard US-English and Arabic with backlight Ports & Slots: 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) Warranty: 1 Year Hardware Warranty with Onsite/In-Home Service after Remote Diagnosis	10	
2	Monitor	product: Dell P2722H USB-C Monitor or equivalent Device Type: LED-backlit LCD monitor - 27" Features: USB 3.0 hub Panel Type: IPS Aspect Ratio: 16:09 Native Resolution: 1920 x 1080 at 60 Hz Pixel Pitch: 0.3114 mm	10	

		Brightness:300 cd/m² Contrast Ratio:1000: 1 (typical) Response Time: up to 8 ms (normal); 5 ms (fast) Colour Support: at least 16.7 million colours Ports & Slots: 1. Security-lock slot 2. Power connector 3. HDMI port 4. Stand lock 5. DisplayPort 6. VGA connector 7. SuperSpeed USB 5Gbps upstream port 8. SuperSpeed USB 5Gbps downstream port (4) Display Position Adjustments Height, pivot (rotation), swivel, tilt Screen Coating: Antiglare Diagonal Size 27"		
3	Combo Station	Keyboard <u>layout language: English&Arabic</u> <u>connection: wired cable usb</u> 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) Key type: deep-profile keys Mouse Sensor technology: Optical tracking Number of buttons: 3 (Left/Right-click, Middle click) Scrolling: line-by-line Scroll Wheel: Yes, optical 1-year Limited hardware warranty minimum	10	

4	Docking Station	Product Type :Dell Thunderbolt Dock WD19TB or equivalent Video Interfaces: HDMI, 2 x DP, Thunderbolt, USB-C Docking Interface :USB-C / Thunderbolt 3 MaleInterface Max Data Rate:40 Gb/s Power: Power adapter 180 Watt AC 120/230 V (50/60 Hz) or equivalent Interfaces: 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	10	
5	Headset	Stereo Headphones with Noise-Cancelling Microphone, USB, In-Line Controls, PC/Mac/Laptop - Black	10	
6	Web Camera	C922 PRO HD STREAM WEBCAM or equivalent Max Resolution: 1080p/30 fps - 720p/ 60 fps Camera mega pixel: 3 Focus type: Autofocus Lens type: Glass Built-in mic: Stereo Mic range: Up to 3 ft (1 m) Diagonal field of view (dFoV): 78°	10	

7	UPS	Offline UPS: Input: 220VAC-240VAC 50/60Hz output: 220VAC-240VAC 50/60Hz Capacity: 2000VA/1200W	10	
8	Video Conferencing system	CAMERA Smooth motorized pan, tilt and zoom, controlled from remote or console, 260° pan, 130° tilt 10x lossless HD zoom 90° Field of View Full HD 1080p 30fps H.264 UVC 1.5 with Scalable Video Coding (SVC) Autofocus 5 camera presets Far-end control (PTZ) of Conference Cam products ZEISS lens certification Kensington security slot LED to confirm video streaming Standard tripod thread SPEAKERPHONE Full-duplex performance Acoustic echo cancellation Noise reduction technology Ultra-wideband audio Bluetooth and NFC wireless technology LCD for caller ID, call duration and other functional response LEDs for speakerphone streaming, mute, hold, and Bluetooth wireless pairing. Touch controls for call answer/end, volume and mute, Bluetooth – plus camera PTZ, “home” preset and far-end control Microphones (Tx) Four omni-directional microphones supporting 20-foot diameter range + 2 Expansion Mics Frequency response: 100Hz – 11KHz Sensitivity: -28dB +/-3dB Distortion: <1% @ 1KHz at 106dB Speakers (Rx)	1	

		Frequency response: 120Hz – 14KHz Sensitivity: 83dBSPL +/-3dB at 1W/1M Max output: 91dBSPL Distortion: <5% from 200Hz Kensington security slot REMOTE CONTROL Dock able, at least 8.5m/28-foot range HUB/ CABLE Central mountable hub for connection of all components Included adhesive solution for under-table mounting Two cables for connection between hub and camera/ speakerphone (Length: at least 5m/16') One USB cable for connection to PC/Mac (Length: at least 3m/6.6') - AC Power adapter (Length: at least 3m/9.8') - MOUNT Dual purpose mount for wall placement or for elevating the camera on a table COMPLIANCE AND TOOLS USB 2.0 compliant UVC-compliant video and audio for broad application compatibility Optimized for Microsoft® Lync®, Certified for Skype for Business, Cisco Jabber® and WebEx® compatible. Enhanced integration with Logitech Collaboration Program (LCP) members. Downloadable diagnostic tool Field upgradeable firmware tool Downloadable app plug-ins for advanced feature support		
9	4K Smart TV 55 Inch Samsung UA55BU8000 or equivalent (for conferencing system)	Display Screen Size 55" Resolution 3,840 x 2,160 Screen Curvature N/A Anti-Reflection N/A Video Picture Engine Crystal Processor 4K	1	

		Motion Rate 100 One Billion Colour Yes PQI (Picture Quality Index) 2200 AI Streaming N/A AI Upscale N/A HDR (High Dynamic Range) HDR HDR 10+ Supported HLG (Hybrid Log Gamma) Yes Contrast Mega Contrast Viewing Angle N/A Colour Dynamic Crystal Colour Brightness/Colour Detection Brightness Detection Micro Dimming UHD Dimming Contrast Enhancer Yes Auto Motion Plus Yes Film Mode Yes Dynamic Refresh Technology N/A Filmmaker Mode (FMM) Yes Audio Dolby Digital Plus MS12 2ch Active Voice Amplifier N/A Adaptive Sound Adaptive Sound Object Tracking Sound OTS Lite Q-Symphony Yes (Requires Samsung Soundbar with Q-Symphony Support) Audio Pre-selection Descriptor N/A Hole Array Speaker		
--	--	---	--	--

		N/A Sound Output (RMS) 20W Speaker Type 2CH Woofer N/A Bluetooth Audio Yes		
10	MSI Cube 5 Mini PC or equivalent (for conferencing system)	Product Type Computers Desktops Mini PCs SSD Storage 256 GB RAM 8 GB Processor Core i5 Graphic Series Intel Operating system Windows 10 Pro or 11 Pro WiFi Ethernet HDMI Port DisplayPort	1	
11	Online UPS (for conferencing system)	Capacity (VA/Watt) 3000 VA / 2400 Watt input Frequency Range: 40Hz ~ 70 Hz output Frequency Range 47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range) transfer Time AC to Battery: Zero Transfer Time Inverter to Bypass: 4 ms (Typical) AC Mode: at least 90% Battery Type: 6 x 12 V / 9 A	1	

B. Delivery:

All Items should Be delivered to GIZ office in Al-Jadriyah, Coral Palace Hotel.

C. GENERAL REMARKS AND SPECIAL 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