

A. Technical Specification						
IT Equipment						
Item	Product Name	Product Specifications	Reference Picture	Qty	estimated unit	total price
1	Notebook	Model: ThinkPad E16 Gen 1 Intel (16") or Equivalent Class: business (heavy duties) 13th Generation Intel® Core™ i7-1355U Processor (E-cores up to 3.70 GHz P-cores up to 5.00 GHz), or AMD Ryzen™ 7 4700U processor minimum Operating System: Windows 11 Pro 64-sticker from Microsoft Memory: 16 GB DDR4-3200MHz minimum Storage: 1TB PCIe SSD minimum Graphics Card: NVIDIA® GeForce® 2GB GDDR6 or Equivalent Display 16" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits, 60Hz Camera: 1080P FHD RGB with Dual Microphone and Privacy Shutter Battery: 3 Cell Li-Polymer 47 Wh or Equivalent keyboard: 6-row, backlit, Black with Number Pad - English (US)&Arabic WLAN : Intel® Wi-Fi 6 AX201 2x2 AX & Bluetooth® 5.1 or above Ports & Slots: Thunderbolt™ 4, USB-C 3.2 Gen 2, USB-A 3.2 Gen 1, USB-A 2.0, HDMI 2.1 TMDS, Ethernet (RJ45), Headphone/mic combo Warranty: 1-year depot service		5		

2	VIDEO CONFERENCE NG System	<u>CAMERA</u> 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 ConferenceCam products ZEISS lens certification Kensington security slot LED to confirm video streaming Standard tripod thread <u>SPEAKERPHONE</u> 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 <u>Microphones (Tx)</u> Four omni-directional microphones supporting 20-foot diameter range + 2 Expansion Mics Frequency response: 100Hz – 11KHz Sensitivity: -28dB +/-3dB Distortion: <1% @ 1KHz at 106dB <u>Speakers (Rx)</u> Frequency response: 120Hz – 14KHz Sensitivity: 83dBSPL +/-3dB at 1W/1M Max output: 91dBSPL Distortion: <5% from 200Hz Kensington security slot <u>REMOTE CONTROL</u>		1		
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	Dockable, at least 8.5m/28-foot range <u>HUB/ CABLE</u> 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') - <u>MOUNT</u> Dual purpose mount for wall placement or for elevating the camera on a table <u>COMPLIANCE AND TOOLS</u> 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				
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3	Micro desktop computer	Dell OptiPlex 3090 or equivalent Form Factor: Mini / Tiny / Micro OS: Windows 11 Professional (64-Bit) CPU: Intel i7-10700 8-Core processor (minimum) Cache: 16 MB GPU: Intel UHD Graphics 630 RAM: 16GB Front Ports: 1x USB 3.2 Gen 1 Back Ports: 4x USB 3.2 Gen1 Storage: 256 M.2 NVMe PCIe Additional Storage Slot: 1x 2.5" HDD Display Ports: 2x DisplayPort, 1x HDMI - DisplayPort to HDMI adapter included Audio Ports: 3.5 mm Headphone/Microphone Input/Output Built-In Speakers: 1 Ethernet: 1x RJ45 (Gigabit) Bluetooth: 4.2 Wi-Fi: Dual-Band 2.4Ghz / 5Ghz 802.11AC Power Supply: 65W Includes: USB keyboard / mouse, Power Adapter		1		
4	Smart TV	Screen size 65 Inches Display technology QLED Product dimensions 145D x 83W x 7H centimeters Resolution 4K Special features Smart Connectivity technology Wi-Fi		1		

5	Projector	InFocus IN138HD or equivalent Native Resolution / Aspect Ratio minimum 1080p / 16:9 Standard/ Long throw projector Brightness (Lumens) min 3200 Lamp Life: min 10,000 hours Ports: HDMI and VGA, USB-A		1		
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B. Delivery

All Items should Be delivered to GIZ office in Coral Palace Hotel /Baghdad

C. Remarks And Condition

- 1 All standard accessories for all offered items should be provided.
- 2 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 1 year warranty