






ANNEX 1 TECHNICAL SPECIFICATION

A. Technical Specification

IT Equipment

Item No	Product Name	Product Specifications	Reference Picture	Quantity
1	Computer Monitor	<p>Diagonal Viewing Size: 68.59 cm 27.0 Inches</p> <p>Preset Display Area (H x V): 597.88 mm x 336.31 mm 23.54" x 13.24" 201073.02 mm² (311.67 inch²)</p> <p>Panel Type: In-Plane switching Technology</p> <p>Display Screen Coating: Antiglare with 3H hardness</p> <p>Maximum Preset Resolution: 1920 x 1080 at 60 Hz</p> <p>Border Width (Edge of Monitor active area): 6.00 mm (Top/Left/Right) 20.70 mm (Bottom)</p> <p>Viewing Angle: 178° (vertical) typical 178° (horizontal) typical</p> <p>Pixel Pitch: 0.311 mm x 0.311 mm</p> <p>Pixel per Inch (PPI): 82</p> <p>Contrast Ratio: 1000 : 1 (typical)</p> <p>Aspect Ratio: 16:9</p> <p>Backlight Technology: LED edgelight system</p> <p>Brightness: 300 cd/m² (typical)</p> <p>Color Support: Color Gamut (typical): 72% (CIE 1931) Color Depth: 16.7 million</p> <p>Connectivity: 1 x DisplayPort version 1.2 1 x HDMI port version 1.4 1 x VGA port 1 x USB 3.0 upstream port (bottom) 2 x USB 3.0 downstream ports (side) 2 x USB 2.0 downstream ports (bottom)</p> <p>Built-in Devices: USB 3.0 super-Speed Hub (with 1 x USB 3.0 upstream port, 2 x USB 3.0 downstream ports, 2 x USB 2.0 downstream ports)</p> <p>Dimensions & Weight:</p> <p>With stand Height: 394.3 mm ~524.3 mm 15.52" ~20.64" Width: 609.9mm 24.01" Depth: 185.0mm 7.28"</p> <p>Without stand Height: 363.0 mm 14.29" Width: 609.9 mm 24.01" Depth: 42.8 mm 1.69"</p> <p>Weight (panel only - for VESA mount) 4.35 kg 9.59 lb</p> <p>Weight (with packaging) 9.05 kg 19.95 lb</p> <p>Voltage Required: 100 VAC to 240 VAC / 50 Hz or 60 Hz ± 3 Hz / 1.5 A (typical)</p>		21
2	Notebook	<p>Type: business class (heavy Duty)</p> <p>Processor: Intel® Core™ i5-8350U Processor ,3.6 GHz</p> <p>Operating System: Windows 10 Pro 64bit English (real version)</p> <p>Memory :8GB DDR4 Memory, Non-ECC (minimum)</p> <p>Hard Drive: M.2 256GB SATA Class 20 Solid State Drive (minimum)</p> <p>Graphics Card: Intel® HD Graphics 520</p> <p>Diagonal Size : 12.5 in or 13.3 in</p> <p>Interfaces : Headphone/microphone combo jack,2 x USB 3.0 USB 3.0 (PowerShare),USB-C/Thunderbolt 3,LAN,HDMI,VGA</p> <p>Keyboard: English & Arabic</p> <p>Warrenty : one year</p>		12

3	Docking stations	<p>Docking Interface: USB-C Networking: Gigabit Ethernet Power: Power adapter 180 Watt Interfaces: 2 x USB 2.0 - 4 pin USB Type A 3 x SuperSpeed USB 3.0 - 9 pin USB Type A 1 x display / video - HDMI - 19 pin HDMI Type A 1 x display / video - Mini DisplayPort - Mini DisplayPort 1 x network - Ethernet 1000 - RJ-45 1 x headset - output - mini-phone 3.5 mm 1 x audio - output - mini-phone 3.5 mm 1 x video - VGA - 15 pin D-Sub (DB-15) 1 x USB 3.1 Type-C – 1.1m</p> <p>Cables Included : 1 x DisplayPort / USB-C cable - 2.6 ft 1 x SuperSpeed USB-C cable - 2.6 ft</p> <p>Warrenty : one year</p>		9
4	WIRELESS COMBO	<p>PACKAGE CONTENTS : Keyboard, Mouse, Nano-receiver, 2 AAA (keyboard) and 1 AA (mouse) batteries</p>		22
5	UPS	<p>Type: Offline UPS Input: 220VAC-240VAZ, 50/60Hz Output: 220VAC-240VAC, 50/60Hz Capacity: 2000VA/1200W Battery: 2x12VDC Warranty: one year</p>		10

B. Delivery

1. All Items should Be delivered to Baghdad / Al-Jadriyah- Presidential Zone, GIZ Office
2. The Delivery time should be mentioned clearly in the Bid form

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 maintenace time.
3. The requested items should be provided with all standard technical features and specifications and in full working conditions.
4. The price includes Packing, Transportation, loading, offloading.
5. Catalogues/ data sheet must be provided for the offered item, besides samples might be requested by GIZ during the process for physically check and approve.
6. The Items might be checked and confirmed by GIZ before Delivery in place.
7. Items should be covered by warranty for at least one year against failure due to defects in materials for the length of warranty.