

**UNHCR**

United Nations High Commissioner for Refugees  
Haut Commissariat des Nations Unies pour les réfugiés

**Annex A**  
**The Requirements / Technical Specifications**  
**RFQ/HCR/SYR/23/39**  
**For the Supply and Delivery of**  
**Video Conference Sets to UNHCR Offices in Syria**

**List of the Requirements**

| # | Item description  | Quantity | Delivery - DDP (Delivered Duty paid) |
|---|---|----------|--------------------------------------|
| 1 | Video Conference Set – Surface Hub 2S 85” inch with accessories or equivalent | 2        | Damascus Office                      |
| 2 | Video Conference Set – Surface Hub 2S 50” inch with accessories or equivalent | 1        | Damascus Office                      |
| 3 | Video Conference Set – Surface Hub 2S 50” inch with accessories or equivalent | 1        | Aleppo Office                        |
| 4 | Windows Tablet with Accessories   | 4        | Damascus Office                      |
| 5 | Windows Tablet with Accessories   | 1        | Aleppo Office                        |

**1- Video Conference Set – Surface Hub 2S 85” inch or equivalent, Quantity: Two Sets (Damascus Office):**

| Component            | Description                                     |
|----------------------|---|
| Model                | Microsoft Surface Hub 2S 85” inch or equivalent |
| Dimensions:          | 44.5” x 77.1” x 3.4”                            |
|                      | (1130 mm x 1959 mm x 85.6 mm)                   |
| Shipping dimensions: | 89.5” x 62” x 22.8”                             |

|                  |  |
|------------------|--|
|                  | (2275 mm x 1573 mm x 580 mm)   |
| Weight:          | 185 lbs (84 kg)  |
| Shipping weight: | 399 lbs (181 kg)   |
| Resolution:      | 3840 x 2160  |
| Display:         | PixelSense™ Display, 16:9 aspect ratio, 10-bit color, 30.5mm border width, anti-glare, IPS LCD, in-cell touch with 20 simultaneous touch points. |
| Compute:         | Modular Compute Cartridge  |
|                  | Quad-core 8th Generation Intel® Core™ i5 processor, 8GB RAM, 128GB SSD1  |
| Software:        | Windows 10 Team OS   |
|                  | Microsoft Teams for Surface Hub  |
|                  | Skype for Business   |
|                  | Microsoft Whiteboard   |
|                  | Microsoft Office (Mobile)  |
|                  | Microsoft Power BI   |
| Connections:     | USB-A  |
|                  | Mini-DisplayPort Video Output  |
|                  | RJ45 Gigabit Ethernet  |
|                  | HDMI Video Input   |
|                  | USB-C® with DisplayPort Input  |
|                  | (3) USB-C® (on display)  |
| Graphics:        | Intel® UHD Graphics 620  |
| Audio/video:     | 100Hz - 12KHz range 3-way stereo speakers, including (2) mid/high-range and (1) mid/low-range in rear bump.                                      |
|                  | Full band 8-element MEMS microphone array  |
|                  | Microsoft Surface Hub 2 Camera, 4K, USB-C® connection, 90-degree HFOV  |
| Pen:             | Microsoft Surface Hub 2 Pen (active)   |
|                  | Surface Slim Pen compatible  |

|                         |  |
|-------------------------|--|
| Sensors:                | Doppler occupancy sensor   |
| Wireless:               | Wi-Fi 5: IEEE 802.11 a/b/g/n/ac compatible                       |
|                         | Bluetooth® Wireless 5.0 technology                               |
|                         | Miracast Display   |
| Exterior:               | Casing: Precision machined aluminum with mineral-composite resin |
|                         | Color: Platinum  |
|                         | Physical Buttons: Power, Volume, Source                          |
| What's in the box:      | (1) Surface Hub 2S   |
|                         | (2) Surface Hub 2 Pen  |
|                         | (1) Surface Hub 2 Camera   |
|                         | 4m AC Power Cable  |
|                         | Quick Start Guide  |
| Warranty:               | 1-year limited hardware warranty                                 |
| BTU:                    | 2047 BTU/hr  |
| Input Voltage:          | 50/60Hz 110/230v nominal, 90-265v max                            |
| Input power, operating: | 665 W (745 W Surge Load)   |
| Input Current:          | 7.8 A  |
| Input Power, standby:   | 5 W max  |

**2- Video Conference Set – Surface Hub 2S 50” inch, Quantity: Two Sets (Aleppo & Damascus):**

| Component    | Description   |
|--------------|---|
| Model:       | Microsoft Surface Hub 2S 50” inch or equivalent   |
| Dimensions:  | 29.2-inch x 43.2-inch x 3.0-inch (741mm x 1097mm x 76mm)                                |
| Weight:      | 61.6 lb (28 kg)   |
| Resolution:  | 3840 x 2560   |
| Display:     | PixelSense™ Display, 3:2 aspect ratio, 10-bit color, 15.5mm border, anti-glare, IPS LCD |
| Compute      | Modular Compute Cartridge   |
|              | Quad-core 8th Generation Intel® Core™ i5 processor, 8GB RAM, 128GB SSD                  |
| Software:    | Windows 10 Team Edition   |
|              | Configurable to Windows 10 or Windows 11 Pro and Enterprise                             |
|              | Microsoft Teams for Surface Hub   |
|              | Skype for Business  |
|              | Microsoft Whiteboard  |
|              | Microsoft Office (Mobile)   |
|              | Microsoft Power BI  |
| Connections: | USB-A   |
|              | Mini-DisplayPort video output   |
|              | RJ45 Gigabit Ethernet   |
|              | HDMI Video input  |
|              | USB-C™ with DisplayPort input   |
|              | (4) USB-C™ (on display)   |
| Graphics:    | Intel® UHD Graphics 620   |

|                        |   |
|------------------------|---|
| Audio/video:           | Full range front facing 3-way stereo speakers                         |
|                        | Full band 8-element MEMS microphone array                             |
|                        | Microsoft Surface Hub 2 Camera, 4K, USB-C® connection, 90-degree HFOV |
| Pen:                   | Microsoft Surface Hub 2 Pen (active)                                  |
|                        | Surface Slim Pen compatible   |
| Sensors:               | Doppler occupancy sensor  |
|                        | Accelerometer   |
|                        | Gyroscope   |
| Wireless:              | Wi-Fi 5: IEEE 802.11 a/b/g/n/ac compatible                            |
|                        | Bluetooth® Wireless 5.0 technology                                    |
|                        | Miracast Display  |
| Exterior:              | Casing: Precision machined aluminum with mineral-composite resin      |
|                        | Color: Platinum   |
|                        | Physical Buttons: Power, Volume, Source                               |
| What's in the box:     | (1) Surface Hub 2S  |
|                        | (1) Surface Hub 2 Pen   |
|                        | (1) Surface Hub 2 Camera  |
|                        | 3m AC Power Cable   |
|                        | Quick Start Guide   |
| Warranty:              | 1-year limited hardware warranty                                      |
| BTU                    | 1518 BTU/hr   |
| Input Voltage          | 50/60Hz 110/230v nominal, 90-265v max                                 |
| Input power, operating | 445 W (495 W Surge Load)  |
| Input Current          | 5.46 A  |

|                      |         |
|----------------------|---------|
| Input Power, standby | 5 W max |
|----------------------|---------|

### **3- Surface Hub /2S/ Additional Accessories:**

| Item model  | Quantity | Related Device          | Location        |
|---|----------|-------------------------|-----------------|
| Surface Hub 2 Smart Camera  | 3        | Surface Hub 2S 85" inch | Damascus Office |
| Surface Hub 2 Smart Camera  | 1        | Surface Hub 2S 50" inch | Damascus Office |
| Surface Hub 2 Smart Camera  | 1        | Surface Hub 2S 50" inch | Aleppo Office   |
| Total Surface Hub 2 Smart Camera  | 5        |                         |                 |
| Surface Hub 2 Pen   | 3        | Surface Hub 2S 85" inch | Damascus Office |
| Surface Hub 2 Pen   | 1        | Surface Hub 2S 50" inch | Damascus Office |
| Surface Hub 2 Pen   | 1        | Surface Hub 2S 50" inch | Aleppo Office   |
| Total Surface Hub 2 Pen   | 5        |                         |                 |
| Surface Headphones 2+ for Business  | 1        | Surface Hub 2S 50" inch | Damascus Office |
| Surface Headphones 2+ for Business  | 1        | Surface Hub 2S 50" inch | Aleppo Office   |
| Total Surface Headphones 2+ for Business  | 2        |                         |                 |
| Steelcase Roam Mobile Stand for Surface Hub 2S 50,<br>Overall height 65.4 inches, Dimension of base 30.4 x 26.5<br>inches, Weight (without device) 62 pounds. | 1        | Surface Hub 2S 50" inch | Damascus Office |
| Steelcase Roam Mobile Stand for Surface Hub 2S 50,<br>Overall height 65.4 inches, Dimension of base 30.4 x 26.5<br>inches, Weight (without device) 62 pounds. | 1        | Surface Hub 2S 50" inch | Aleppo Office   |
| Total Steelcase Roam Mobile Stand for Surface Hub 2S 50   | 2        |                         |                 |
| APC Charge Mobile Battery for Surface Hub 2S 50"  | 1        | Surface Hub 2S 50" inch | Damascus Office |
| APC Charge Mobile Battery for Surface Hub 2S 50"  | 1        | Surface Hub 2S 50" inch | Aleppo Office   |
| Total APC Charge Mobile Battery for Surface Hub 2S 50"  | 2        |                         |                 |

|   |   |                         |                 |
|---|---|-------------------------|-----------------|
| Steelcase Roam™ Mobile Stand for Surface Hub 2S 85",<br>Palletized dimension 90.25" x 48.5" x 49", Palletized<br>weight 1,015 lbs, Single product dimension 75.3"<br>(1912mm) H x 77.2" (1960mm) L x 29.1" (740mm) W,<br>Single product weight 169.4 lbs, Single packed<br>dimensions 90.25" x 48.5" x 8.5", Single packed weight<br>190 lbs, Color Arctic White/Microsoft Grey | 2 | Surface Hub 2S 85" inch | Damascus Office |
|---|---|-------------------------|-----------------|

#### 4- Windows Tablets with Accessories, Quantity: Five Sets

| Model      | Surface Pro /9/ for Business  |
|------------|---|
| Dimensions | Length: 287 mm (11.3 inch)<br>Width: 209 mm (8.2 inch)<br>Height: 9.3 mm (0.37 inch)<br>Weight <sup>Footnote4</sup> : 879 g (1.94 lb) |
| Display    | Screen: 13-inch PixelSense™ Flow Display.   |
|            | Resolution: 2880 x 1920 (267 PPI).  |
|            | Up to 120Hz Refresh Rate (60Hz default).  |
|            | Aspect ratio: 3:2.  |
|            | Touch: 10-point multi-touch.  |
|            | GPU Ink Acceleration.   |
|            | Dolby Vision® support.  |
|            | Adaptive Color.   |
| Color      | Preferably Platinum, Graphite.  |
|            | Other colors will be accepted.  |
| Memory     | 32GB (LPDDR5x RAM)  |
| Processor  | 12th Gen Intel® i7- 1265U   |
|            | Intel® Evo™ platform.   |
| Security   | TPM 2.0 chip for enterprise security and BitLocker support.   |
|            | Enterprise-grade protection with Windows Hello face sign-in.  |

|                           |  |
|---------------------------|--|
| Software                  | Windows 11 Pro.  |
|                           | Preloaded Microsoft 365 Apps.                                  |
| Sensors                   | Accelerometer.   |
|                           | Gyroscope.   |
|                           | Magnetometer.  |
|                           | Ambient Color Sensor (brightness and color).                   |
| Storage                   | Solid-state drive (SSD) options: 512 GB                        |
| Battery life              | Up to 15.5 hours of typical device usage                       |
| Graphics                  | Intel® Iris® Xe graphics                                       |
| Connections               | 2 x USB-C® with USB 4.0/ Thunderbolt™ 4                        |
|                           | 1 x Surface Connect port                                       |
|                           | 1 x Surface Keyboard port                                      |
|                           | Compatible with Surface Dial off-screen interaction.           |
| Cameras, video, and audio | Windows Hello face authentication camera (front-facing)        |
|                           | 5.0MP front-facing camera with 1080p full HD video             |
|                           | 10.0MP rear-facing autofocus camera with 1080p HD and 4k video |
|                           | Dual far-field Studio Mics                                     |
|                           | 2W stereo speakers with Dolby® Atmos                           |
| Wireless                  | Wi-Fi 6E: 802.11ax compatible                                  |
|                           | Bluetooth® Wireless 5.1 technology                             |
| Exterior                  | Casing: Signature anodized aluminum.                           |
|                           | Colors: Platinum, Graphite.                                    |
|                           | Physical buttons: Volume, Power.                               |
| Warranty                  | 1-year limited hardware warranty                               |



## 5- Additional Accessories for the Windows Tablets:

| Item model: Surface slim pen2 or equivalent |   | Quantity: 5 |
|---|---|-------------|
| Color and material                          | Matte Black Plastic Enclosure   |             |
| Pressure and sensitivity                    | 4,096 pressure levels   |             |
|   | Zero force inking   |             |
| Dimensions                                  | 5.38" x 0.44" x 0.25" (136.8 x 11.3 x 6.3 mm)   |             |
| Weight                                      | 0.03 lb (13 g)  |             |
| Battery                                     | Rechargeable Lithium-Ion  |             |
|   | Up to 15 hours of typical usage   |             |
| Battery capacities                          | Battery Capacity Nominal (WH): 0.171  |             |
|   | Battery Capacity Min (WH): 0.164  |             |
| Storage and charging<br>(Sold separately)   | Surface Slim Pen 2 storage and charging in Surface Pro Signature Keyboard, Surface Laptop Studio, and Surface Duo 2 Pen Cover |             |
|   | Surface Slim Pen Charger  |             |
|   | Surface Slim Pen 1 USB-C Charging Base  |             |
| What's in the box                           | Surface Slim Pen 2  |             |
|   | Quick Start Guide   |             |
|   | Safety and Warranty documents   |             |
| Warranty                                    | 1-year limited warranty   |             |

| Item model: Surface USB-C® Travel Hub or equivalent | Quantity: 5 |
|---|-------------|
|---|-------------|

| Item model: Surface Arc Mouse or equivalent |   | Quantity: 5 |
|---|---|-------------|
| Connection interface                        | Bluetooth 4.1   |             |
| Wireless frequency                          | 2.4 GHz frequency range   |             |
| Wireless range                              | 32.8 feet (10 meters) in an open area and 16.4 feet (5 meters) in an office environment |             |
| Compatibility                               | Microsoft Windows 11 Home/Pro / 10 / 8.1 / 8*   |             |

|                             |   |
|-----------------------------|---|
|                             | Must be BT 4.0 enabled  |
|                             | Requires Mouse and Keyboard Center software installation. PC must meet these requirements to download: Microsoft Windows 11 Home/Pro / 10 / 8.1 / 8, 150MB available hard disk space. |
| Dimensions                  | 5.17 x 2.17 x 0.56 in (131.31 x 55.11 x 14.22 mm)   |
| Weight                      | 2.91 oz (including batteries)   |
| Battery                     | 2 AAA alkaline batteries (included)   |
| Battery life                | Up to 6 months  |
| Warranty                    | 1-year limited warranty   |
| Technology details          | Mouse tracking system: Microsoft BlueTrack Technology   |
|                             | Imaging rate: Dynamically adaptable to 1200 frames per second   |
|                             | X-Y resolution: 1000 points per inch (39.4 points per millimeter)   |
|                             | Tracking speed: Up to 30 inches (762 millimeters) per second  |
| Product feature performance | Mouse button features: 2 buttons, left and right-click  |
|                             | Design features Bendable Tai Scrolling features: Full scroll plane,   |

|   |                    |
|---|--------------------|
| <b>Item model: Surface Dock 2 or equivalent</b> | <b>Quantity: 5</b> |
|---|--------------------|

|  |                    |
|--|--------------------|
| <b>Item model: New Microsoft 4K Wireless Display Adapter or equivalent</b> | <b>Quantity: 5</b> |
|--|--------------------|

|  |  |  |
|--|--|--|
| <b>Item model: Pro Signature Keyboard with Slim Pen2 or equivalent</b> |  | <b>Quantity: 5</b>   |
| Compatibility  |  | Surface Pro 9  |
|  |  | Surface Pro X  |
| Dimensions   |  | 11.38 x 8.90 x .19" (289.1 x 226.1 x 4.89 mm)                              |
| Weight   |  | 0.62 lbs (280 g)   |
| Keys   |  | Activation: Moving (mechanical) keys                                       |
|  |  | Layout: English, full row of function keys (F1 - F12)                      |
|  |  | Dedicated buttons for Windows shortcuts, media controls, screen brightness |
|  |  | Right-click button   |
| Pen integration  |  | Surface Slim Pen 2 storage and charging                                    |

|                |   |
|----------------|---|
| Interface      | Magnetic  |
| Sensors        | Accelerometer   |
| Exterior       | Material: Alcantara®                                      |
|                | Colors: Poppy Red, Ice Blue, Platinum, Black              |
| Warranty       | 1-year limited hardware warranty                          |
| Important Note | All accessories should be compatible with the main device |

**End of Annex A**