

A. Technical Specifications

Item No	Material Name	Specifications	Quantity																																				
1.	Interactive Displays	<p>SIZE : 75 Inch-4K</p> <p>INTERACTIVITY</p> <p>Gestures and Edge Swipes :Windows® Supported</p> <p>Touch Technology :InGlass Technology</p> <p>Touch Resolution : 0.4 mm (minimum)</p> <p>Contact Detection Height :=<0.95 mm @ 2 mm object size</p> <p>Max Touch Response Time : 18 ms (first touch), 13 ms (continuous)</p> <p>Touch Accuracy:1 mm</p> <p>Tracking Rate:4 m/s</p> <p>Scan Rate : =<6.7 ms</p> <p>Whiteboard : Gesture controls, palm and block erase, protractor, ruler, and more</p> <p>Compatibility* : Windows® 7 to 10 OS X® 10.8 to 10.11 macOS® Sierra 10.12.1 or later Linux® Ubuntu 16.04 LTS Chrome OS™</p> <p>DISPLAY</p> <p>Screen Type : TFT LCD (Direct LED Backlight)</p> <p>Aspect Ratio : 16:9</p> <p>Display Area : 75" 4K: 1895 x 1066 mm (74.6 x 41.9 in)</p> <p>Resolution : 3840 x 2160 px @ 60 Hz</p> <p>Display Colors : 1.07 Billion (10 bits)</p> <p>Glass Hardness : 7 Mohs, 9H pencil</p> <p>CONNECTIVITY</p> <hr/> <table border="0"> <tr> <td>HDMI In</td> <td>x4 (2.0)</td> </tr> <tr> <td>HDMI Out</td> <td>x1</td> </tr> <tr> <td>USB Touch</td> <td>x4</td> </tr> <tr> <td>VGA In</td> <td>x1</td> </tr> <tr> <td>VGA Audio In</td> <td>x1</td> </tr> <tr> <td>Audio Out (3.5 mm)</td> <td>N/A</td> </tr> <tr> <td>SPDIF Out</td> <td>x1</td> </tr> <tr> <td>YPbPr</td> <td>N/A</td> </tr> <tr> <td>CVBS</td> <td>N/A</td> </tr> <tr> <td>Mic In (3.5 mm)</td> <td>x1</td> </tr> <tr> <td>Headphone</td> <td>x1</td> </tr> <tr> <td>USB 2.0</td> <td>x2</td> </tr> <tr> <td>USB 3.0</td> <td>x1</td> </tr> <tr> <td>RS232 Serial</td> <td>x1</td> </tr> <tr> <td>OPS Slot</td> <td>x1</td> </tr> <tr> <td>RJ45 In</td> <td>x1</td> </tr> <tr> <td>RJ45 Out</td> <td>x1</td> </tr> <tr> <td>SD Card</td> <td>x1 Micro</td> </tr> </table>	HDMI In	x4 (2.0)	HDMI Out	x1	USB Touch	x4	VGA In	x1	VGA Audio In	x1	Audio Out (3.5 mm)	N/A	SPDIF Out	x1	YPbPr	N/A	CVBS	N/A	Mic In (3.5 mm)	x1	Headphone	x1	USB 2.0	x2	USB 3.0	x1	RS232 Serial	x1	OPS Slot	x1	RJ45 In	x1	RJ45 Out	x1	SD Card	x1 Micro	1
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2.	OPS-M Open Pluggable Specification on module	<p>The OPS-M is a Windows® Module for schools using the Microsoft® ecosystem and creates an all-in-one, large format Windows experience on the ActivPanel and ActivPanel i-Series.</p> <p>Interactive Display Compatibility: ActivPanel Device Type: Open Pluggable Specification (OPS) Operating System: Windows 10 IoT Optional CPU: Intel i5-6200U (Up to 2.8 GHz) Memory :8 GB DDR4 Storage :256 GB SSD GPU: Intel® HD Graphics 520 (4K @ 60 Hz) Wi-Fi™ (802.11ac) & Bluetooth™: Yes</p>	1												
3.	Height-Adjustable Mobile Stand	<p>Compatible with ActivPanel 65", 70", 75"</p> <p>PHYSICAL SPECIFICATIONS</p> <table border="1"> <thead> <tr> <th></th> <th>Mobile Stand for 65", 70", 75" Sizes</th> </tr> </thead> <tbody> <tr> <td>Product Dimensions</td> <td>1196 x 1803 x 876 mm (47.1 x 71 x 34.5 in)</td> </tr> <tr> <td>Packed Dimensions</td> <td>Box 1 of 2 (Mobile Stand): 945 x 1735 x 180 mm (37.2 x 68.3 x 7.1 in) Box 2 of 2 (Height-Adjustable Mount): 630 x 740 x 95 mm (24.8 x 29.1 x 3.7 in)</td> </tr> <tr> <td>Net Weight</td> <td>Box 1 of 2 (Mobile Stand): 42.5 kg (94 lbs) Box 2 of 2 (Height-Adjustable Mount): 21.6 kg (47.6 lbs)</td> </tr> <tr> <td>Packed Weight</td> <td>Box 1 of 2 (Mobile Stand): 48.5 kg (107 lbs) Box 2 of 2 (Height-Adjustable Mount): 24 kg (52.9 lbs)</td> </tr> <tr> <td>Travel Distance (Adjustable Height)</td> <td>400 mm (15.7 in)</td> </tr> </tbody> </table>		Mobile Stand for 65", 70", 75" Sizes	Product Dimensions	1196 x 1803 x 876 mm (47.1 x 71 x 34.5 in)	Packed Dimensions	Box 1 of 2 (Mobile Stand): 945 x 1735 x 180 mm (37.2 x 68.3 x 7.1 in) Box 2 of 2 (Height-Adjustable Mount): 630 x 740 x 95 mm (24.8 x 29.1 x 3.7 in)	Net Weight	Box 1 of 2 (Mobile Stand): 42.5 kg (94 lbs) Box 2 of 2 (Height-Adjustable Mount): 21.6 kg (47.6 lbs)	Packed Weight	Box 1 of 2 (Mobile Stand): 48.5 kg (107 lbs) Box 2 of 2 (Height-Adjustable Mount): 24 kg (52.9 lbs)	Travel Distance (Adjustable Height)	400 mm (15.7 in)	1
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4.	Online UPS	<p>input 220vac-240vac,50/60Hz,13.6A 1 om output: input 220vac-240vac,50/60Hz, 1 om capacity: 3000VA/2400W</p>	1												

B. DELIVERY TIME AND DELIVERY LOCATION.

- Supplier must specify delivery time in bid form.
- The Delivery Location is **Erbil,Gulan street ,Gulan tower**

C. REMARKS AND CONDITIONS

- Catalogue/Sample will be requested by GIZ during process for the needed items and GIZ will physically check and approve.
- The Items will be checked and confirmed by GIZ before Delivery in place.

- All physical characteristics like weight, length, width etc. in the technical specification description are approximate not exact with minimum requirements.
- Reference picture are indication to understand the item not to an indication for brands or models
- A Technician must be delegated from supplier to Install and recheck after maintenance time.

D. Transportation

- Transportation is included.