

دسټابليټي ټيبل ۾ ڏنل ٿيل سڀئي شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم

ايفي ايل 459-PL/459/2023/59 (IUL) سروس ڪنٽراڪٽ

1. ڏنل ٿيل شيون

1.1 دسٽابليټي ۾ ڏنل ٿيل شيون، ٽيبل ۾ ڏنل ٿيل سڀئي شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.

Items/Descriptions	Quantity	Annex
Meeting/Conference Room SMART WIFI TV 100" with stand/wall mount	2	Annex 1
Mobile 75" Interactive Screen with OPS Module	1	Annex 4

1.2 ڊي ڊي ٽي ٽيبل ۾ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.

2. ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون

2.1 ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا. 3 آگسٽ 2023 ۾ ڪم ۽ ڪارروائي ٿيڻ کان پوءِ 8:45 بجي ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.

2.2 ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا. ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.

2.3 ڊي ڊي ٽي ٽيبل ۾ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.

3. ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون

3.1 ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.

3.2 ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا. ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا. ڪم ۽ ڪارروائي ٿيڻ کان پوءِ ڏنل ٿيل شيون ۽ ٽيبل ۾ ڏنل ٿيل ڪم ۽ ڪارروائي - ڏنل ٿيل ڪم ۽ ڪارروائي ڏيکارين ٿا.







9. مۆلۈمەت بېرىش ئىشلىرى

- مۇسۇلمانلارنىڭ ئىبادەتخانىسىدا ئىشلىتىش ئۈچۈن مۆلۈمەت بېرىش ئىشلىرىنىڭ تەكشۈرۈلۈشى، ئىشلىتىش ئىشلىرىنىڭ تەكشۈرۈلۈشى، ئىشلىتىش ئىشلىرىنىڭ تەكشۈرۈلۈشى، ئىشلىتىش ئىشلىرىنىڭ تەكشۈرۈلۈشى.

**Annex 1**

**SMART WIFI 100" TV - Minimum Specifications (QTY: 2)**

TV Type	SMART WiFi TV
Screen Size	100"
Screen Resolution	3840 x 2160
Aspect Ratio	16:9
Motion Rate	60/120 Hz
Screen Technology	LED/QLED/OLED
Connectivity Options	USB 2.0
	Standard HDMI Input x2
	Wi-fi Direct
	Bluetooth
	Wireless 802.11b/g/n
	Ethernet 10/100/1000
	Anycast
OS	Android or Similar
Audio	Inbuilt Speakers
Mounting	Wall mountable with VESA brackets (if possible) / with stand
Warranty	Minimum of twelve (12) months

## Annex 4

### **Mobile 75” Interactive Screen with OPS Module – Minimum Requirements/Specifications (QTY: 1)**

<b>General Requirements</b>	All-in-one terminal must include: Interactive Panel; Video conference codec; Built-in Speaker; Built-in microphone; Built-in camera; 2x stylus/smart Pen; additional microphone; and OPS module.
	System configuration: 8 core CPU, 8 GB RAM, 64GB Flash
	Both the wall-mounting brackets and floor standing legs (with roller wheels) must be included, along with any required cables
<b>Touch Screen Requirements</b>	75-inch D-LED touch screen, 4K60 resolution
	Zero-gap bonding
	Support Anti-Glare (AG).
	Automatically adjust screen brightness based on light sensing.
	Optical anti-blue light, protect eyes and doesn't change color. The corresponding authentication certificate must be provided
	Screen protection up to physical toughened Mohs 7
	The color gamut is not less than 85% NTSC
	Typical contrast ratio: 1200: 1. Typical brightness: 350 nits
	Screen response time: 8ms
	Touch accuracy: ±1mm
	Support 20 touch points.
<b>Camera Requirements</b>	4K30 built-in camera.
	Horizontal viewing angle: 80°, vertical viewing angle: 50°
	A built-in privacy cover to physically close the camera.
	Auto-framing, automatically adjust the camera based on the location of the participants. The camera should display all participants in a panoramic view and ensure that the participants are displayed in the center.
	Speaker tracking, automatically switch to the close-up picture of speaker without manual intervention.
<b>Microphone Requirements</b>	At least 6 built-in microphone arrays
	The sound pickup radius atleast 12 meters, and the sound pickup angle: 180°.
	20 kHz full-frequency audio pickup, sampling frequency: 48 kHz
	Acoustic echo cancellation (AEC), automatic gain control (AGC), automatic noise reduction (ANR)
<b>External Microphone Requirements</b>	Omnidirectional microphone with a sound pickup distance of at least 6 meters.
	Two microphones can cascade.
	20 kHz full-frequency audio pickup, sampling frequency: 48 kHz.
	Acoustic echo cancellation (AEC), automatic gain control (AGC), automatic noise reduction (ANR)

<b>Speaker Requirements</b>	Two built-in speakers, frequency response range:100Hz-20KHz, total power no less than 40 W
<b>Interface Requirements</b>	Video In: 1 x HDMI 2.0 (4K60)
	Video Out: 1 x HDMI 2.0 (4K60)
	Audio In: 1 x 3.5mm
	Audio Out: 1 x 3.5mm
	3 x USB Type-A 3.0, support USB flash drive, mouse, keyboard, microphone, speaker, remote control and wireless dongle for projection. [At least 2 interfaces should be on the front]
	1 x USB Type-C, support USB flash device, wireless dongle for projection.
	1 x 10/100/1000M RJ45 port
	1 x COM port (RJ45)
	1 x OPS slot for PC module.
	Wi-Fi 5 and Wi-Fi 6, IEEE802.11a/b/g/n/ac/ax network protocol
Wi-Fi 2.4 GHz and 5 GHz dual-band. Wi-Fi hotspot and Wi-Fi client can be enabled at the same time.	
<b>OPS Module Requirement</b>	The performance should be no less than i7-10700, 16GB DDR4 RAM and 512GB SSD
	Video out: 1 x HDMI 1.4, 1 x DP 1.2.
	Audio in: 1 x 3.5mm.
	Audio out: 1 x 3.5mm.
	USB: 3 x USB Type-A 3.0, 3 x USB Type-A 2.0.
	Windows 10 Pro / Enterprise OS Genuine.
<b>Remote controller Requirements</b>	Remote control to control the volume, speaker on/off, microphone mute/unmute, camera open/close, previous/next page
<b>Whiteboard Requirements</b>	Writing latency, no more than 16ms
	The built-in whiteboard supports handwriting, drawing, erasing, marking, saving, zooming, and locking the whiteboard. Able to change the background color.
	The whiteboard supports page turning. A maximum of 100 pages supported
	Selectable pen type: pencil, pen, and highlighter. Pen color: color palette.
	Full-screen annotation: Able to take a screenshot of any screen to enter the whiteboard annotation
	The contents of the whiteboard are able to be saved locally and edited when opening it for the second time, saved in an external USB flash memory, able to send to an email.
	When writing on the electronic whiteboard, the hand-drawn graphics should be recognized as standard geometric figures, and the hand-written text should be recognized as standard printed text.
<b>Projection Requirements</b>	Wired projection through HDMI cable. Projection resolution support up to 1080p60fps and 4K30fps.

	<p>Wired projection through USB Type-C cable. Projection resolution support up to 1080p60fps and 4K30fps. When PC is projected to the device, the device should control the PC reversely without extra cables.</p>
	<p>Wireless projection by entering the projection code on the mobile phone and PC. Projection resolution should support up to 1080p60fps and 4K15fps. When PC is projected to the device, the device can control the PC reversely.</p>
	<p>Wi-Fi Direct projection. No need to configure a Wi-Fi router or change the network of the mobile phones or PCs during screen projection. Projection resolution: up to 1080P60fps and 4K15fps. When PC is projected to the device, the device should control the PC reversely.</p>
<b>Third-party Video Conference Requirements</b>	Support third-party video conference APP
	The camera, microphone and speaker can be used for third-party video conference APP.
	The camera auto-framing and voice tracking features can be used for third-party video conference APP
<b>Openness Requirements</b>	Android apps is able to be installed.
	Support APP store dedicated to large screens device.
	Supports APIs, third-party applications can perform registration, conference call, conference control, configuration query, and address book query based on the APIs.
<b>Additional Requirements</b>	If needed, setup/installation and initial configurations must be included
<b>Warranty</b>	Minimum twelve (12) months parts and labour