TECHNICAL SPECIFICATIONS

LOT#2. Usability Lab

S.NO	Item Description	Specifications	QTY	DAP
1	Streaming Camera	Observation and streaming cameras + installation kit Group HD Video and Audio Conferencing System Full-HD Video Camera with 90° FOV High-Quality Duplex Speakerphone Wireless Remote Control Use with Industry Standard Platforms, Full-duplex performance Acoustic echo cancellation Noise reduction technology Bluetooth and NFC wireless technology LCD for caller ID, call duration and other functional response LEDs for speakerphone streaming, mute, hold, and Bluetooth wireless paring Touch controls for call answer/end, volume and mute, Bluetooth - plus camera PTZ, "home" preset and far-end control Brand: Any brand which meets specs	2	BUITEMS-QTA
2	Mobile Observation Camera	Mobile observation Camera for recording- 27 megapixel high-res photos, Cinematic 5.3K60 + 2.7K240 video with 24.7 megapixel stills from video, HyperSmooth 5.0 video stabilization with Horizon Lock, Dual LCD Screens, with 10-bit color, with Up to 8x Slo-Mo	1	BUITEMS-QTA
3	Camera with Lens and xqd Card	Desk recording DSLR camera Mirrorless Camera with 24-70mm f/4 kit lens and SanDisk Memory Card Extreme Pro 200MB, 256GB	1	BUITEMS-QTA

		Brand: Any brand which meets specs		
4	Microphone Wired	Broadcast-quality dynamic microphone Analog XLR and digital USB-C connectivity Fully compatible with Windows and Mac computers, and iOS and Android devices, nternal pop filter for minimising plosives and internal shock mount to reduce vibrations Brand: Any brand which meets specs	2	**BUITEMS-QTA**
5	Microphone Wireless	Dual Channel Wireless Microphone System, Series IV 2.4GHz digital transmission, 128-bit encryption – crystal-clear audio at up to 200m (line of sight), and with 3.5mm TRS analog output, USB-C and iOS digital output – universal compatibility with cameras, mobile devices and computers. Brand: Any brand which meets specs	2	**BUITEMS-QTA**
6	Stands & Installation Kit	Stands & Installation Kit	2	**BUITEMS-QTA**
7	Eye Tracking Sensing Equipment	Eye Tracking equipment Pro Spectrum The high-performance research system should capture gaze data at speeds up to 1200 Hz. A screen-based eye tracker for extensive research from fixation-based studies to micro-saccades. Brand: Any brand which meets specs	1	**BUITEMS-QTA**
8	Heart Rate and GSR Sensors	Heart rate and GSR sensors The Galvanic Skin Response Sensor is used for realtime GSR Biofeedback. The GSR+ sensor monitors skin conductivity between two reusable electrodes attached to two fingers of one hand caused by a stimulus the sweat glands become more active, increasing moisture on the skin and allowing the current to flow more readily by changing the balance of positive and negative ions in the secreted fluid (increasing skin conductance). 10 DoF IMU motion signals can also be captured with this unit to allow for further context if desired. All signals can be measured simultaneously and in real-time. With our ConsensysPRO software data	2	**BUITEMS-QTA**

		can be streamed for live visualization, while raw data can also be logged to an SD card and accessed. Brand: Any brand which meets specs		
9	EEG Sensor	EEG Sensor 14 Channel Mobile Brainwear Brand: Any brand which meets specs	1	**BUITEMS-QTA**
10	Hub Device Laptop	Hub Device Laptop: Gaming Laptop with 13th Generation, Intel Core i7-13700HX Processor, 16GB DDR5 4800Mhz Memory and 512GB PCIe NVMe M.2 SSD solid state drive internal storage. 17.3 inch screen size, 6-cell, 83 Wh Li-ion polymer battery.	1	**BUITEMS-QTA**
11	Network Bridge	Hardware Bridges-TRENDnet AC3000 Tri-Band Wireless Gigabit Dual-WAN VPN SMB Router, MU-MIMO, Wave 2,Internet Router, Whole Office-Home Wifi, Pre-Encrypted Wireless, QoS,Inter-VLAN Routing, Black, TEW-829DRU Brand: Any brand which meets specs	1	**BUITEMS-QTA**
12	Audio Mixers	Four studio-grade XLR microphone inputs Eight programmable sound pads, with eight banks available - load up to 64 sounds in total, Record to microSD or a computer in stereo or multitrack for endless editing in post-production. Intergrated Podcast Production Studio Brand: Any brand which meets specs	1	**BUITEMS-QTA**
13	iOS Desktop System	24-inch, M1 chip with 8-core CPU and 8-core GPU, 8GB RAM, 256GB Brand: Apple	1	**BUITEMS-QTA**
14	LED TV	55 inch TV Crystal UHD 4K 55Inch Smart TV	1	**BUITEMS-QTA**
15	Monitors	Monitor 27 inch , 27" Gaming Monitor, 2560 x 1440 (IPS), VA, 165Hz, FreeSync, HDMI, Displayport, Tilt	2	**BUITEMS-QTA**
16	iOS Phone	Super Retina XDR display 6.7-inch (diagonal) all-screen OLED display	1	**BUITEMS-QTA**

		2778-by-1284-pixel resolution at 458 ppi, HDR display		
		True Tone		
		Wide color (P3)		
		Haptic Touch		
		2,000,000:1 contrast ratio (typical)		
		800 nits max brightness (typical); 1200 nits peak brightness (HDR)		
		Fingerprint-resistant oleophobic coating		
		Support for display of multiple languages and characters simultaneously, Splash, Water, and Dust Resistant3,A15 Bionic chip		
		6-core CPU with 2 performance and 4 efficiency cores		
		5-core GPU		
		16-core Neural Engine, 4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps, Enabled by TrueDepth camera for facial recognition		
17	Android Phone	6.8-inch Dynamic AMOLED display with 120Hz refresh rate, Snapdragon 8 Gen 2 processor, 5000mAh battery, up to 12gigs of RAM, and 1TB of storage. quad-camera setup with two telephoto sensors.	1	**BUITEMS-QTA**
18	iOS Tablet	M2 chip, 12 inches 8-core CPU, 11" Liquid Retina display, LiDAR Scanner, 1TB storage, Bluetooth 5.3 technology, 10 Core GPU,	1	**BUITEMS-QTA**
19	Andriod Tablet	Android 13, One UI 5.1, Qualcomm SM8550-AB Snapdragon 8 Gen 2 (4 nm), Adreno 740 256GB/512GB storage, microSDXC, IP68 dust/water resistant (up to 1.5m for 30 min), 512GB 16GB RAM Brand: Samsugn	1	**BUITEMS-QTA**
20	VR Headset	VR headset Oculus All-in-one VR Gaming Headset – 128GB	1	**BUITEMS-QTA**
21	AR Headset	See-through holographic lenses (waveguides), 2k 3:2 light engines, 4 visible light cameras, 2 IR	1	**BUITEMS-QTA**

		cameras, 1-MP Time-of-Flight depth sensor, 8-MP stills, 1080p30 video, 5 channels, Compatible with MSA V-Gard (Cap Style and Full Brim) with Fas-Trac III Suspension, IP50 (dust protected) Brand: Any brand which meets specs		
22	Screen Recording Software	one year license for Government and Non-Profit Organizations	1	**BUITEMS-QTA**
23	Project Management Software	Asana Premium	1	**BUITEMS-QTA**
24	Software License for Note Taking Tool	One year Professional	1	**BUITEMS-QTA**
25	Survey Tool	Premium Package	1	**BUITEMS-QTA**
26	Video Communication Software	Enterprise package	1	**BUITEMS-QTA**
27	Usability Lab Software License	Ultimate features uusability lab software license	1	**BUITEMS-QTA**
28	Limb Mobility Sensor	The Limb Movement Sensor uses an embedded piezo sensing element to detect limb movement, outputting a corresponding signal. The Sensor can be placed on the skin or worn in the included heel strap. Connector: 249 Keyhole | Length: 3.0m	4	**BUITEMS-QTA**
29	Acoustic Panel	Soundproofing Panels-noisestop acoustic panel 22.5mm	1	**BUITEMS-QTA**
30	Scanner	Scanner scanjet pro 3600f1 or equivalent	2	**BUITEMS-QTA**
31	Monitor	Gigabyte M27F A 27" Gaming Monitor	2	**BUITEMS-QTA**
32	Slide Changer	Slide changer LP15 (2.4G Wireless Laser Pen)	2	**BUITEMS-QTA**
33	iOS Tablet	Pro M2 12.9 inch display M2 chip 16-core Neural Engine	1	**BUITEMS-QTA**

		100GB/s memory bandwidth 8GB RAM on models with 256GB Wifi+cellular model Brand: Apple or Equivalent		
34	Extended SSD	SSD 4 TB with SATA kit	4	**BUITEMS-QTA**
35	Paper Shredder	Microcut Shredder – Max Capacity – Auto Feed 200 Sheets	1	**BUITEMS-QTA**
36	Digital Signage	digital signage 1920*1080 (Full HD), 3000 / 1000 nit brightness, display colors 8 bit - 16.7M, usb HDMI2.0 (2), AC 100 - 240 V~ (+/- 10 %), 50/60 Hz, IP 5X rated, Polarized Sun Glasses Viewable in any direction, Portrait Installation Support, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping), WiFi Module Embedded (2ea, one per each display)	2	**BUITEMS-QTA**
37	Bluetooth Speaker	Wireless Party Speaker Connectivity Technology: Bluetooth, USB Special Feature, USB play & charge, Mic & guitar input, Up to 25 hour battery, plus quick charging, Omnidirectional party lighting, TV Sound Booster, Top Touch PanelUSB play & charge, Mic & guitar input, Up to 25 hour battery, plus quick charging, Omnidirectional party lighting, TV Sound Booster, Top Touch Panel, Omnidirectional Audio & Party Lights 12.6" Square X-Balanced Woofer Dimensions: 16.25 x 34.75 x 17.38 inch	1	**BUITEMS-QTA**
38	Keyboard	Mechanical gaming keyboard with Command Dial, 8 macro keys, and RGB lighting for enhanced control , with polling rate of 8000 Hz polling, low latency, and the clicky switches, Aluminum top plate, plastic case	2	**BUITEMS-QTA**
39	Mouse	HyperSpeed Wireless right handed mouse with Up to 90 hours (constant motion at 1000Hz), Focus Pro 30K Optical Sensor, Wireless USB dongle + USB dongle adapter	2	**BUITEMS-QTA**

		Type A to Type C Speedflex cable, with switch life cycle of 90 million clicks.		
40	Walkie Talkie	Walkie Talkie 8-Unit Package, two way radio, 2 – long life batteries, 1 – base station charger (or 6-battery charger), 1 – carrying case, Surveillance Ear Piece	1	**BUITEMS-QTA**
41	Lens	50mm 1.8 stm Lens	1	**BUITEMS-QTA**
42	Projector	4K HDR Short Throw Smart Portable LED Projector with Portable Screen True 4K HDR immersive visual experience Cinema SuperColor+™ Technology with 125% Rec.709 wide color gamut 3rd generation LED technology with 30,000 hours lifespan Smart connectivity via Wi-Fi, Bluetooth, and USB-C Custom-built speakers by Harman Kardon Instant auto focus and 0.8 short throw ratio for easy setup	1	**BUITEMS-QTA**
43	9 in 1 Hub	USB-C 9-in-1 Multi Adapter Multi Adapter HDMI/Ethernet/USB 3.	3	**BUITEMS-QTA**
44	Headphone	wireless haptic PC gaming headset,Cutting-edge haptic drivers in each earcup pick up on audio cues , STEREO HAPTICS, REAL-TIME HAPTICS, INTENSITY ADJUSTER and	1	**BUITEMS-QTA**
45	iOS Laptop	air M2 8-Core CPU 10-Core GPU 8GB Unified Memory 512GB SSD Storage[1] 16-core Neural Engine 13.6-inch Liquid Retina display with True Tone 1080p FaceTime HD camera MagSafe 3 charging port Two Thunderbolt / USB 4 ports Magic Keyboard with Touch ID	1	**BUITEMS-QTA**

		Force Touch trackpad		
		35W Dual USB-C Port Compact Power Adapter		
		Brand: Apple or Equivalent		