VISAYAS STATE UNIVERSITY

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Supply and Delivery I.T. Equipment and Supplies
(VSU-GOODS-24-23)

Government of the Republic of the Philippines

March 13, 2023; 2:00 PM
BAC Conference Room, VSU Market, Visca, Baybay City, Leyte
and via Zoom

Sixth Edition
July 2020

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.
DDP – Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid

INVITATION TO BID FOR SUPPLY AND DELIVERY OF I.T. EQUIPMENT AND SUPPLIES

1. The *Visayas State University* through the *GF, STF, TF 2024* intends to apply the sum of *Five Million Six Hundred Fifty Thousand Pesos (PhP 5,650,000.00)* being the ABC to payments under the contract for *Supply and Delivery of I.T Equipment and Supplies(VSU-GOODS-24-23)*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

The *Visayas State University,* through the *GF, STF, TF 2024* intends to apply the following ABC per item to payments under the contract for each item, to wit:

Item No.	Description	Unit	Qty	ABC/Unit (Pesos)	Total ABC (Pesos)
1	**27" FHD Curved Monitor**	unit	8	11,000.00	88,000.00
	Size: 27"				
	Resolution: 1920 x 1080 FHD				
	1 ms (MPRT) / 5 ms (GTG)				
	Type: VA				
	View Angle: 178 degrees Horizontal and Vertical				
	Aspect Ratio: 16:9				
	Curvature: 1500R				
	Contrast Ratio: 4000:1				
	SRGB: 97.7% (CIE 1976)				
	Active Display Area: 597.888mm (H) x 336.312mm (V)				
	Pixel Pitch: 0.3114 (H) x 0.3114 (V)				
	Surface Treatment: Anti-glare				
	Display Colors: 16.7M				
	Color Bit: 8 Bits				
	Video Ports: 1 x Display Port (1.2a), 1 x HDMI (1.4b) @ Up to 75Hz				
	Headphone-out x 1, Kensington Lock, Speaker 2 x 2W				
	Vesa Mounting: 100 x 100 mm				
	Internal Power: 100-240V, 50-60Hz				
	FreeSync				
	Adjustment Tilt: -3.5 degrees ~ 21.5 degrees				
2	**500GB M.2 NVME Gen3 SSD**	pc	2	5,800.00	11,600.00
	◉*Capacity: 500 GB*				
	◉*Interface: PCIe Gen3 x4*				
	◉*Sequential Read Performance: 3430MB/s*				
	◉*Sequential Write Performance: 2600MB/s*				
	◉*Form Factor: M.2 2280*				
3	**Automatic Voltage Regulator (AVR)**	unit	2	10,000.00	20,000.00
	100% Copper Motor				

	Servo-motor Control				
	Output Meter Display				
	Able to sustain high electricity fluctuations.				
	Time Delay Function: Long: 5 + 2min Short: 5 + 2sec				
	Output Capacity: 2000VA				
	3 Output Sockets: 110V (1 socket) / 220V (2 sockets)				
	Overvoltage protection: Internal circuit breaker				
4	**Automatic Voltage Regulatory (AVR), 1500W, heavy duty**	unit	2	5,000.00	10,000.00
	◉*Input: 220volts*				
	◉*Power: 1500watts*				
	◉*Output: 110-220 volts*				
	◉*Range voltage 120v-220 volts*				
	◉*Servo motor controlled*				
5	**AVR, 500W (IC Controlled)**	unit	4	500.00	2,000.00
	◉*Power Output: 500 W*				
	◉*Power Factor Correction (PFC): Active PFC with Value of 0.98*				
	◉*Fan Type: 1 x 120 mm Smart and Silent Fan Control 22 dBA*				
	◉*Safety Standards: FCC, CB, CCC, TUV, CE, C-tick, EMI, EMC, S-Intertek, CPT-AB15*				
6	**Branded Desktop computer 13th Gen i7 or higher with 27" wide monitor**	unit	1	150,000.00	150,000.00
	Processor:13th Gen Intel Core i7-13700KF 16cores & 24Threads or higher				
	Graphics: NVIDIA GeForce RTX4060Ti 12GB GDDR6X or higher				
	MEMORY: 32GB DDR5 48000MHz or higher				
	STORAGE: 1TB PCIe 4.0 SSD or higher				
	OPERATING SYSTEM: License Windows 11				
	Wireless: WIFI 6 & Bluetooth 5.2				
	Chassis Type: Vertical				
	Power: 8 Phase 253W & 550W power adapter				
	Motherboard: Z790 Chipset				
	27-inch Monitor, Brightness 350 cd/m2 (typical), Panel Type VA, Maximum Resolution 2560 x 1440				
	Includes branded keyboard and mouse				
	UPS, 800VA				
7	**Canon Pixma Ink Bottle,GI-71(Black, Cyan, Magenta, Yellow)**	set	3	2,500.00	7,500.00
	Black - 135ml per bottle				
	Colored - 70ml per bottle				
	Set includes all four colors				
	Compatible with: Canon Pixma G1020 Canon Pixma G2020 Canon Pixma G3020 Canon Pixma G3060				
8	**Computer Printer 3-in-1**	unit	2	12,500.00	25,000.00
	◉*with CIS Filled with Inks*				
	◉*Compact integrated tank design*				
	◉*High yield ink bottles*				
	◉*Spill-free, error-free refilling*				

	◙*Wi-Fi, Wi-Fi Direct*				
	◙*Borderless printing up to 4R*				
9	**Computer Printer, All-in-One/Multifunction Colored-Ink Tank**	unit	11	14,000.00	154,000.00
	◙*Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour*				
	◙*Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles*				
	◙*Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices*				
	◙*3-in-1: Print, copy & scan and borderless photo printing*				
	◙*Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color*				
	◙*Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology*				
	◙*Ink Technology: Dye Ink*				
	◙*Printing Resolution: 5,760 x 1,440 DPI*				
10	**Desktop Computer (i3, 11th Gen) (Assembled)**	set	1	40,000.00	40,000.00
	◙*Processor: Intel Core i3-11300 (4 cores /8 threads) or higher*				
	◙*Motherboard: Intel H510M Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1200*				
	◙*8GB DDR4 2933 DIMM Desktop Memory or higher*				
	◙*SSD: 240GB NVMe or higher*				
	◙*Keyboard and Mouse Combo*				
	◙*Casing with Power Supply*				
	◙*Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 /Refresh Rate: 60 Hz,*				
	◙*Operating System: Genuine Windows 10 Home (OEM)*				
	◙*AVR: 500W IC controlled*				
11	**Desktop Computer w/ Monitor, Assembled, Core i5 12Gen, 8GB RAM, GTX 1050Ti**	set	6	50,000.00	300,000.00
	Processor: Intel® i5-12400 Total Cores: 6, Threads: 12, Max Turbo Frequency: 4.40Ghz, Performance Core Base Frequency: 2.5Ghz, Cache: 18MB, Processor Graphics: Intel® UHD Graphics 730 or higher				
	Motherboard: Intel® B660 Express Chipset, Supports 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+2+1 Phases Hybrid Digital VRM with MOS Heatsink, Fast 2.5 GbE GAMING LAN with Bandwidth Management or higher				
	RAM: 8GB DDR4 3200 MHz CL16, Intel® XMP-ready and XMP Certified, Low-profile heat spreader design or higher				
	SSD: 512 GB M.2 2280 Form Factor PCIe Gen3x4 Interface, read up to :1700 MB, write up: 1550 MB/s or higher				
	HDD: 1TB 7200 RPM, 16MB Cache or higher				
	*Casing: mATX/ATX casing with transparent acrylic side panels and Cooler Fan Support: front panel 3*120mm/top 2*120mm/rear 1*120mm*				
	Graphics Processor: Nvidia GTX 1050 TI 4GB GDDR5 128 bit(DVI/HDMI/DP)				

	PSU:550w, True Rated Power Supply 80 plus Bronze Rated PSU for Micro ATX and ATX casing or higher				
	Monitor: 24" In Plane Switching (IPS), Full HD 1920x1080 Resolution, Response Time: 5ms, Refresh Rate: 75Hz, Brightness: 250 cd/m2				
	Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes keyboard and full-sized ambidextrous optical mouse				
	Operating System: Genuine Windows 10 or higher				
12	**Desktop Computer, with Monitor, Core i5 12th Gen, 8GB RAM (Assembled)**	set	1	49,000.00	49,000.00
	◉Processor: 12th Generation Intel® Core™ i5-12400 Processor(2.50 GHz up tp 4.40 GHz) or higher				
	◉Motherboard: Intel® H610 Express Chipset Micro ATX Motherboard, with 6+1+1 Hybrid Digital VRM, High quality capacitors and Anti-sulfur resistors or higher				
	◉Operating System: Genuine Windows 11 Home 64				
	◉Memory: 8 GB DDR4-3200MHz (UDIMM) or higher				
	◉Graphics: Integrated Graphics				
	◉SSD: 256 GB SSD M.2 2280 PCIe or higher				
	◉Casing: mATX casing				
	◉Power supply: at least 450W, True Rated 80+ Bronze				
	◉Monitor: 24" FHD (1920 x 1080) IPS Monitor, NTSC 72%, 5ms response time, 60Hz				
13	**Desktop, All-in-One (AIO), 24" Monitor**	unit	3	45,000.00	135,000.00
	approximately 24" Monitor				
	Core i5 12th Gen				
	8GB RAM				
	256GB M.2 NVME & 1TB HDD				
	LAN, WiFi, Bluetooth, Camera, HDM Out 2x				
	Built-in Speakers				
	Windows 11, MS Office Ready				
	with USB Keyboard and Mouse				
14	**Document Scanner and Camera, Portable, A3 Capture Size**	unit	3	7,000.00	21,000.00
	A3 Capture Size				
	Multi-language				
	*Optical Resolution: 3664*2744*				
	Output formats: Excel, PDF, PDF searchable, Text, JPG, Word System				
	Scan Speed: less than 2s				
	Frame rate: MJP 15ftps				
15	**Dual-Sided Thermal ID Card Printer**	unit	1	152,000.00	152,000.00
	Dual Sided Printing				
	Direct Dye-Sublimation				
	Edge to Edge				
	300 dpi (Colour & Mono); 600dpi & 1200dpi (Mono only)				
	Automatic Card Feeding				
	ISO CR80 or ISO CR79 (Option-Factory installed)				
	0.38mm (15mil) ~ 1.0mm (40mil)				

	PVC, PET, Composite PVC				
	Monochrome - 5 sec/card (720 cards/hour)				
	YMCKOK - Max. 22 sec/card (164 cards/hour)				
	Input Card Hopper - 100 Cards / 200 Cards with cover open				
	Output Card Hopper - Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker)				
	64MB RAM Memory				
	Interface - 2 Line LCD / 2 LED Buttons				
	Supported Platforms - Microsoft Windows 7/8/10, Mac OS, Linux				
	Communication - USB, Ethernet (Option), WiFi (Option)				
	Power Supply - Free Voltage (AC100/220V, 50~60Hz)				
	Power Consumption - 48W				
16	**Epson 003 Ink Bottle for Epson L3150, Black**	btl	40	400.00	16,000.00
17	**Epson 003 Ink Bottle for Epson L3150, CYAN**	btl	40	400.00	16,000.00
18	**Epson 003 Ink Bottle for Epson L3150, MAGENTA**	btl	40	400.00	16,000.00
19	**Epson 003 Ink Bottle for Epson L3150, YELLOW**	btl	40	400.00	16,000.00
20	**Epson 188 Black, Cyan, Yellow & Magenta Ink Set of 4 Colors**	set	1	4,700.00	4,700.00
	DURAbrite Ultra Ink				
	Max Economy for prints				
	Print up to A3+				
	Mobile printing with Epson Connect				
	For use on WF-7111 / WF-7611 / WF-7211 / WF-7711				
	Average page yield for black ink cartridge: 2,200 pages				
	Average page yield for colour ink cartridge: 1,100 pages				
21	**External Hard Disk Drive (Portable, 1TB), USB 3.1**	unit	1	3,500.00	3,500.00
	◉Shock-absorbing				
	◉Interface: USB 3.1 (Max.5Gb/s)				
	◉Capacity: 1TB				
	◉Texture: Plastic/Rubber				
	◉Operating Voltage: DC 5V, 900mA				
	◉System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later				
22	**External Hard Disk Drive (Portable, 2TB), USB 3.1**	unit	2	4,200.00	8,400.00
	◉Shock-absorbing				
	◉Interface: USB 3.1 (Max.5Gb/s)				
	◉Capacity: 2TB				
	◉Texture: Plastic/Rubber				
	◉Operating Voltage: DC 5V, 900mA				
	◉System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later				
23	**External Hard Drive, 1 TB**	unit	1	3,500.00	3,500.00
	Capacity: 1TB				
	Connection interface: USB 2.0/3.0				
	Storage Media: 2.5" SATA HDD				
	Op. Voltage: USB DC 5V				
	Size :129.5mm x 82.4mm x 20.4mm				

	Weight: 216g				
25	**Flash Drive, 128GB, USB 3.0**	pc	2	1,500.00	3,000.00
	◉Capacity:128GB				
	◉Interface: USB 3.0				
	◉Speed: 100MB/s read, 10MB/s write				
26	**Flash Drive, 16 GB capacity**	pc	20	200.00	4,000.00
27	**Gaming Chair with Footrest, XL Size**	unit	10	10,000.00	100,000.00
	Recline 90°~170°				
	Weight Capacity: up to 180KG				
	Suitable for people with a height between 160cm-190cm				
	Alloy frame is covered in quality hand-sewn PU leather				
	Wider Seat + 5 Inches of High-density Foam				
	Class 4 gas cylinder				
	Configuration: Adjustable Seat Height + highly flexible head pillow + lumbar support				
	Controllable Rocking + Retractable Footrests: Perfect for relaxing during breaks				
28	**GS CONFERENCE ROOM GOOSENECK MICROPOHNES**	pc	18	4,000.00	72,000.00
	★Feature:				
	1. 8 UHF Gooseneck Wireless Microphone				
	2. A wireless system designed for large meeting places				
	3. Flexible gooseneck, you can adjust to the best angle.				
	4. Independent mic volume control				
	5. Metal receiver can connect to Amplifier, Mixer, or other PA system.				
	6. Operation Range: distance up to 200 Feet (60 Meters) ★Specification: Channel group number: PLL phase locked frequency Shock mode: ±0.005%（100-50）Carrier frequency band: 20MHz Frequency band width: when the offset is equal to 40KHz，enter the V6dB,S/N80dB Sensitivity: ±25KHz Maximum deviation: ±95dB(1KHz-A) Integrated S/N ratio: 100Hzk-18Hz 3dB with low frequency attenuation filter circuit Integrated frequency response: XLR balanced outlet independent Output and 6.3 unbalanced outlet mixed output Resistance to receive distance DC power supply 12-15VDC 0.5A ★Package Included: UHF wireless microphone receiver*1 Gooseneck Microphone*8 Microphone windshield *8 Antennas*4 Power Adapter*1 Audio cable 6.5mm*1 User Manual*1				
29	**Hard Drive, Internal-SATA, 3.5"**	unit	4	40,000.00	160,000.00
	Enterprise-level server and storage HDD				
	3.5" Form Factor				
	18TB Storage Capacity				
	SATA 6GBPS Interface				
	7200 rpm Spindle Speed				
	512 MB Buffer Size				
	512e Sector Size Compatibility				
	equipped with Self-Monitoring, Analysis, and Reporting Technology (SMART) features for real-time monitoring				

	3-year Manufacturer Warranty				
	Factory Sealed				
30	**HDMI to HDMI cable, 2M**	pc	35	500.00	17,500.00
	2M Length				
	Resolution: 4K 60Hz/4K 30Hz/1080P 60Hz				
	Version: HDMI 2.0				
	Connector: HDMI male				
	Connector: Gold Plated				
	Cable jacket: PVC				
31	**Headset with Noise Cancelling Mic**	unit	2	1,800.00	3,600.00
	◉*Input Impedance: at least 32 Ohms*				
	◉*Sensitivity (headphone):at least 94 dBV/Pa +/- 3 dB*				
	◉*Sensitivity (microphone): -17 dBV/Pa +/- 4 dB*				
	◉*Frequency response (Headset): 20 Hz - 20 KHz*				
	◉*Frequency response (Microphone): 100 Hz - 10 KHz*				
	◉*Cable Length: at least 7 ft*				
	◉*Connections: USB-A compatible (1.1, 2.0, 3.0), USB port 1Type A port or adapter*				
32	**Headset, USB Wired, Noise Cancelling, Rotatable Mic. Boom**	unit	8	1,500.00	12,000.00
	Lightweight Design				
	Superior Ear Cushions				
	Noise Cancelling Unidirectional Mic. and Rotatable Mic. Boom				
	Volume Switch and High Performance				
	Equipped with Digital Signal Processing Stereo Chipset				
	40mm HD Driver Speaker Unit				
	Headset Frequency Response: 20Hz-20KHz				
	105dB Sensitivity				
	32-ohm Impedance				
	Microphone Frequency Response: 100Hz-10KHz				
	-44dB Sensitivity				
	USB Wired				
	With 1-Year Manufacturer Warranty				
33	**HP, Laser Jet 107a Toner HP 107A (W1107A), Black**	pc	15	3,250.00	48,750.00
34	**HP, Laser Jet Pro M15W Toner HP 48A (CF248A), Black**	pc	15	3,250.00	48,750.00
35	**Ink HP GT52 Cyan (C), Genuine**	btl	5	500.00	2,500.00
36	**Ink HP GT52 Magenta (M), Genuine**	btl	5	500.00	2,500.00
37	**Ink HP GT52 Yellow (Y), Genuine**	btl	5	500.00	2,500.00
38	**INK HP GT53XL 135 ML BLACK**	box	5	505.00	2,525.00
39	**Ink, Brother BT5000C Cyan**	btl	20	500.00	10,000.00
40	**Ink, Brother BT5000M Magenta**	btl	20	500.00	10,000.00
41	**Ink, Brother BT5000Y Yellow**	btl	20	500.00	10,000.00
42	**Ink, Brother BTD60BK, Black**	btl	20	500.00	10,000.00
43	**Ink, Epson 003,Genuine Black 65mL**	btl	191	350.00	66,850.00
44	**Ink, EPSON 003,Genuine Cyan 65mL**	btl	105	350.00	36,750.00
45	**Ink, EPSON 003,Genuine Magenta 65mL**	btl	115	350.00	40,250.00
46	**Ink, EPSON 003,Genuine Yellow 65mL**	btl	117	350.00	40,950.00

47	**Ink, EPSON T9481 XL for WF-C878R Printer, Black**	tube	10	1,500.00	15,000.00
48	**Ink, EPSON T9481 XL for WF-C878R Printer, Cyan**	tube	10	1,500.00	15,000.00
49	**Ink, EPSON T9481 XL for WF-C878R Printer, Magenta**	tube	10	1,500.00	15,000.00
50	**Ink, Epson, genuine (C) T664, 70 ml**	pc	1	350.00	350.00
51	**Ink, Epson, genuine (M) T664, 70 ml**	pc	1	350.00	350.00
52	**Ink, Epson, genuine, (BK) T664, 70 ml**	pc	24	350.00	8,400.00
53	**Ink, Epson, genuine, (Y) T664, 70 ml**	pc	1	350.00	350.00
54	**Ink. EPSON T9481 XL for WF-C878R Printer, Yellow**	tube	10	1,500.00	15,000.00
55	**Keyboard And Mouse Combo Bundle, USB powered**	set	6	600.00	3,600.00
	◙*Keyboard*				
	◄*Keycaps: A-Shape, Round Edge*				
	◄*Hotkeys: No*				
	◄*Character: Laser Engraving*				
	◄*Adjustable Keyboard Legs: Yes*				
	◄*Rating: 5 V / 30 mA*				
	◙*Mouse*				
	◄*Report Rate: 125 Hz*				
	◄*Sensor: Optical*				
	◄*Resolution: 1000 DPI*				
	◄*Rating: 5 V / 100 mA*				
	◄*Buttons No.: 3*				
	◄*Ergonomic Design: Symmetric*				
	◄*Size: Middle / Big Hands*				
56	**Laptop 14" (i5)**	unit	2	49,500.00	99,000.00
	◙*Processor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher*				
	◙*Operating system: Windows 10 Home*				
	◙*Memory: 4GB memory, 1 x SO-DIMM socket (for expansion) or higher*				
	◙*Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC*				
	◙*Video Processor: NVIDIA GeForce MX330 , with 2GB GDDR5 VRAM or higher*				
	◙*Storage: 512GB PCIe Gen3 x2 SSD*				
	(with Bag)				
57	**Laptop Charger, Universal, 8-in-1**	pc	2	1,000.00	2,000.00
	◙*Input voltage:AC110-AC240V 50/60Hz Auto-Volt*				
	◙*Output wattage:96W*				
	◙*Output volatges:12V/15V/16V/18V/19V/20V/24V Output current:(12V/15V/16V/18V/19V)4.5A,(20/24V) 4A, (USB)2.1A*				
	◙*With Voltage indicator*				
	◙*Output Tip A:Φ6.3xΦ4.0mm For Sony/Fujitsu/Samsung laptops.*				
	◙*Output Tip B:Φ6.0xΦ3.0mm For Toshiba/NEC laptops.*				
	◙*Output Tip C:Φ5.0xΦ2.5mm For Liteonit/Fujitsu/HP laptops.*				
	◙*Output Tip D:Φ5.5xΦ2.1mm For Compaq laptops.*				
	◙*Output Tip E:Φ5.5xΦ1.7mm For Sony/Acer laptops.*				

	◉*Output Tip F:Φ4.8xΦ1.7mm For Asus laptops.*				
	◉*Output Tip G:Φ4.0xΦ1.7mm For Sony/Asus/Acer laptops.*				
	◉*Output Tip H:Φ3.5xΦ1.35mm For Sharp/Dell laptops.*				
58	**Laptop, 16", 16GB**	unit	1	60,000.00	60,000.00
	CPU: AMD Ryzen 7 7735H or higher				
	GPU: AMD Radeon Graphics or higher				
	RAM: 16G LPDDR5 6400MHz, Dual M.2 SSD Slots or higher				
	Storage: 512G SSD PCIE4.0 or higher				
	Screen: 16" 2.5K 100%sRGB, 2560x1600, Free Sync, 120Hz Refresh Rate, 350 nit Brightness, 1200:1 Image Contrast				
	Power Consumption: 65W				
	WiFi 6E, 2-in-1 Audio Jack, USB 3.2, USB-A, SD Card Reader, Type-C, HDMI 2.1,				
	with Fingerprint Reader and Glowing Tail Lights				
	White Backlit Keyboard				
	75Wh Li-Polymer Battery - 100W PD Fast Charge				
	Thin and Light Metal Design				
	1.9kg				
	(with Bag)				
59	**Laptop, AMD Ryzen 5 4500U, 14" FHD**	unit	1	45,000.00	45,000.00
	◉*Processor: CPU AMD Ryzen 5 4500U or higher*				
	◉*Graphics: AMD Radeon Graphics or higher*				
	◉*Display: 14" 1920x1080 IPS FHD LED 250NITS*				
	◉*Memory: 16GB DDR4 3200MHZ(8+8) or higher*				
	◉*Storage: 512g SSD M2 or higher*				
	◉*Keyboard and Touchpad: No backlit*				
	◉*Audio: HD audio Realtek*				
	◉*Camera: 720PHD CAM*				
	◉*Wireless Connectivity: Wi-Fi 6 BT5.0*				
	(with Bag)				
	◉*Battery and Power: 45W BATTERY*				
	◉*Operating System: Genuine Windows 10*				
60	**Laptop, Intel Core i5 10th Gen , 15.6" FHD**	unit	1	45,000.00	45,000.00
	◉*Processor: Intel Core i5 10th gen processor or higher*				
	◉*Memory: 16GB DDR4 2400MHz or higher*				
	◉*Display: 15.6-inch full HD IPS 1920x1080 screen*				
	◉*Graphics card: NVIDIA Geforce MX350 2GB (GDDR5 video memory) or higher*				
	◉*SSD: 512GB NvME M2*				
	◉*Network: wireless network card dual-band dual-antenna 802.11.ax (support 5G network); Bluetooth Bluetooth5.0*				
	◉*Operating System: Genuine Windows 10*				
	(with Bag)				
61	**Laptop, Touchscreen, Core i5, 13.3"**	pc	2	60,000.00	120,000.00
	Intel Core i5 at least 10th Generation with Intel UHD Graphics 620 (4 cores 8 threads, base clock speed 1.6 GHz, Turbo Boost up to 3.9 GHz, 6 MB L3 Cache) or higher				

	at least 16GB DDR4 RAM				
	at least 256GB PCIe NVMe M.2 SSD				
	13.3" diagonal FHD IPS (1920x1080) Touchscreen, Intel AX200 Wi-Fi 6 (2x2) and Bluetooth 5 Combo				
	2 xUSB 3.1 gen1 Type-C Thunderbolt 3 (1xcharging), 2 x USB 3.1 gen1 Type-A, 1xAudio Combo Jack, 1xHDMI 1.4				
	Operating System - Licensed Windows 10 Pro				
	(with Bag)				
62	**Laser Printer, High Speed Single Function Printer with Automatic 2-sided Printing and Wireless Connectivity**	unit	2	10,000.00	20,000.00
	FUNCTIONS: Print				
	PRINTER TYPE: Laser Printer				
	PRINT SPEED: Up to 36 pages/minute (Letter size), Up to 34 pages/minute (A4 size)				
	PAPER SIZE: A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Folio				
	Print RESOLUTION: 600 x 600 dpi, HQ1200 (2400 x 600 dpi) quality, 1200 x 1200 dpi. 2-SIDED - PAPER TYPE				
	Plain Paper, Thin Paper, Recycled Paper,Thick Paper 2-SIDED - PAPER SIZE A4				
	PAPER INPUT - PAPER TRAY #1 - MAXIMUM PAPER CAPACITY Up to 250 sheets of 80 g/m2 plain paper				
	PAPER INPUT - MULTI-PURPOSE TRAY: 1 sheet				
	PAPER OUTPUT: Up to 150 Sheets of 80 g/m2 Plain Paper (face-down delivery to the face-down output paper tray)				
	Connectivity USB USB 2.0				
	LAN: 10BASE-T / 100BASE-TX				
	WIRELESS LAN: IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode)				
	IEEE 802.11g/n (Wi-Fi Direct)				
63	**LCD Projector (XGA), 3LCD Technology**	unit	2	28,000.00	56,000.00
	◉Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology				
	◉White Light Output (Normal/Eco):3,600 lm				
	◉Colour Light Output:3,600 lm				
	◉Resolution XGA, at least 1024 x 768,				
	◉Analog Input:D-Sub 15pin: 1				
	◉Digital Input:HDMI: 1				
	◉LCD:Native Resolution: XGA (1024 x 768)				
	◉Size: 0.55" (C2fine)				
	◉Lightsource:Type: 210W UHE				
	◉Life (Normal / Eco): 6,000 / 12,000 hours				
	◉Aspect Ratio:4:3				
	◉USB Interface:USB Type B: 1 (For Firmware Update, Copy OSD Settings)				
	◉Analog Input:D-Sub 15pin: 1				
	◉Digital Input:HDMI: 1				
64	**LCD Projector, 3LCD Technology**	unit	11	28,000.00	308,000.00
	Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology				

	White Light Output (Normal/Eco):3,600 lm				
	Colour Light Output:3,600 lm				
	Resolution XGA, at least 1024 x 768,				
	Analog Input: D-Sub 15pin: 1				
	Digital Input: HDMI: 1				
	LCD: Native Resolution: XGA (1024 x 768)				
	Size: 0.55" (C2fine)				
	Light source: Type: 210W UHE				
	Life (Normal / Eco): 6,000 / 12,000 hours				
	Aspect Ratio:4:3				
	USB Interface: USB Type B: 1 (For Firmware Update, Copy OSD Settings)				
	Analog Input: D-Sub 15pin: 1				
	Digital Input: HDMI: 1				
65	**Maintenance Box, EPSON, WF-C869R**	pc	3	6,000.00	18,000.00
	Replacement parts for EPSON Photocopier.				
66	**Presentation Clicker/Pointer**	pc	4	1,700.00	6,800.00
	R400 2.4 GHz USB-Receiver Red Laser Pointer Wireless Presentation Remote				
67	**Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)**	unit	3	11,000.00	33,000.00
	◉*Tank Ink System*				
	◉*Printer Type: Print, Scan and Copy*				
	◉*Scanner Type: Flatbed colour image scanner*				
	◉*Sensor Type: CIS*				
	◉*Optical Resolution: 600 x 1200 dpi*				
	◉*Copy Speed: Maximum Copies from Standalone: 20 copies*				
	◉*Maximum Copy Size: A4, Letter*				
	◉*ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm*				
	◉*Max Copy Resolution: 300 x 300 dpi*				
	◉*Paper Handling: Up to 20 Sheets-Premium Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard*				
	◉*Output Capacity: Up to 30 sheets*				
	◉*A4 plain paper: 20 sheets, Premium Glossy Photo Paper*				
	◉*Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")*				
	◉*Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)*				
	◉*Print Direction: Bi-directional printing*				
	◉*Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)*				
	◉*Minimum Ink Droplet Size: 3 pl*				
68	**Projector Screen**	pc	1	15,000.00	15,000.00
	◉*manual pull-down with a speed control mechanism*				
	◉*Ceiling/Wall Mount*				
	◉*Aspect Ratio 16:9*				
	◉*Screen Height at least 2030mm*				
	◉*Screen at least Width 1145mm*				

	◉Metal casing				
69	**PVC Card Blank, 500 pc/box, Smart ID Machine, Plain White**	box	5	1,250.00	6,250.00
70	**PVC Card Blank, 500 pc/box, Smart ID Machine, with MAGSTRIPE**	box	5	2,250.00	11,250.00
71	**Rechargeable Wireless Keyboard and Mouse Set**	unit	4	950.00	3,800.00
	◉Rechargeable Office Wireless Keyboard and Mouse Set				
	◉Size: 284*121*16.mm				
	◉Weight: 280g				
	◉Connection method: USB receiver/Bluetooth				
72	**Ribbon Cartridge EPSON LX-310**	pc	10	165.00	1,650.00
73	**Ribbon Cartridge EPSON S015639**	pc	15	165.00	2,475.00
	◉Ribbon Cartridge S015639 for EPSON LQ-310 printer				
74	**Solid State Drive, Internal, 2.5", 1TB**	unit	4	3,000.00	12,000.00
	SATA Rev. 3.0 (6GB/s) with backward compatibility to SATA Rev. 2.0 (3GB/s)				
	Up to 500MB/s read and 450MB/s write or better				
75	**Special SAM Broadcaster PRO Version 2022 or latest Version, License Radio Software**	set	1	18,000.00	18,000.00
77	**System Unit (CPU), Core i7 8GB RAM (Assembled)**	unit	5	40,000.00	200,000.00
	CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher				
	SDD: 256GB M.2 PCIe NVMe Solid State Drive or higher + 1TB 7200 rpm 3.5" SATA Hard Drive or higher				
	RAM: at least 8GB (8GBx1) DDR4 2666MHz or higher				
	Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5 or higher				
	ATX casing with 700W PSU				
	With genuine Microsoft Office license.				
	OS: at least Windows 10				
79	**Toner Cartridge, HP 85A	CE285A, Black**	box	54	3,500.00	189,000.00
	HP 85A (CE285A) toner cartridges work with: HP LaserJet Pro M1212nf, M1217nfw, P1102w, P1109w				
	HP 85A toner cartridge yield (approx.): 1,600 pages. Operating temperature range is 10 to 32.5°C				
80	**Ubiquiti Unifi HD Access Point 802.11 AC Wave 2 MU-MIMO Indoor (UAP-AC-HD)**	unit	1	25,000.00	25,000.00
	◉Networking Interface (2) 10/100/1000 Ethernet Ports Buttons Reset Power Method 802.3at PoE+ Supported Voltage Range 44 to 57VDC				
	◉Power Supply UniFi Switch (PoE) Power Save Supported Beamforming Supported Maximum Power Consumption 17W TX Power 2.4 GHz 5 GHz 6-25 dBm 6-25 dBm Antennas 2.4 GHz 5 GHz (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF BSSID Up to 8				
	◉Radio Mounting Wall/Ceiling (Kits Included)				
	◉Operating Temperature -10 to 70° C (14 to 158° F)				
	◉Operating Humidity 5 to 95% Noncondensing				

	◉*Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 1000+ Supported Data Rates (Mbps)Standard Data Rates 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40) 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) 802.11b 1, 2, 5.5, 11 Mbps 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps*				
	◉*Should be compatible with the existing fleet of Unifi Access Points and Controller*				
81	**Ubiquiti Unifi HD Access Point 802.11 AC Wave 2 MU-MIMO Indoor / Outdoor High Density Access Point**	unit	2	26,000.00	52,000.00
	◉*Networking Interface (2) 10/100/1000 Ethernet Ports Buttons Reset Power Method 802.3at PoE+ Supported Voltage Range 44 to 57VDC*				
	◉*Power Supply UniFi Switch (PoE) Power Save Supported Beamforming Supported Maximum Power Consumption 17W TX Power 2.4 GHz 5 GHz 6-25 dBm 6-25 dBm Antennas 2.4 GHz 5 GHz (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF BSSID Up to 8*				
	◉*Radio Mounting Wall/Ceiling (Kits Included)*				
	◉*Operating Temperature -10 to 70° C (14 to 158° F)*				
	◉*Operating Humidity 5 to 95% Noncondensing*				
	◉*Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 1000+ Supported Data Rates (Mbps)Standard Data Rates 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40) 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) 802.11b 1, 2, 5.5, 11 Mbps 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps*				
	◉*Should be compatible with the existing fleet of Unifi Access Points and Controller*				
82	**UPS (with built-in AVR) by per unit price**	unit	6	17,000.00	102,000.00
	Description:				
	-CPU controlled				
	-Advanced AVR technology				
	-Surge protection				
	-Battery backup				
	-Auto charge in power off mode				
	-Overload and short circuit protection				
	-Resettable Fuse on back panel				
	-LCD display and Audible alarm				
	-3000VA				
	-4 Outlets				

	-Up to 120 Minutes Runtime				
	-AVR				
	Specifications:				
	Input: Voltage: 220V				
	Voltage Range: 175-275V				
	Frequency: 50Hz/60Hz				
	Output: Capacity (Total): 3000VA/1800W				
	Voltage (On Battery): 220V+-5%				
	Frequency: 50Hz/60Hz Sync with Utility Power				
	Transfer Time: 2-6ms Typical				
	Wave Form: Simulated Sine Wave				
	Connection: Universal Outlet x4				
	Battery: Type: Maintenance-Free Sealed Lead-Acid				
	Capacity: 12v/9AHx4				
	Recharging Time: 8Hours > 90%				
	Back up Time (1PC): Up to 120 minutes (Depending on Load)				
83	**UPS 800W (for Computer)**	unit	11	5,000.00	55,000.00
	◉*Charging time: At most 4 hours*				
84	**UPS, at least 500 w**	pc	4	2,550.00	10,200.00
	Recharging Time: at most 4 Hours;				
85	**UPS, at least 800 watts**	unit	11	5,000.00	55,000.00
	◉*Recharging Time: at most 4 Hours;*				
86	**UPS, Box of 4, 1500VA/900W, 6 Universal Sockets**	box	4	20,000.00	80,000.00
	1500 VA / 900W				
	LCD Front Panel Display				
	12V / 8AH				
	6 Universal Sockets				
	Microprocessor-Based Digital Control				
	220-240V Input-Output Voltage				
	50-60 Hz				
	Overload and Short Circuit Protection				
	Auto charging at off mode				
	1-year Manufacturer Warranty				
87	**USB Hub, 4 gangs**	pc	4	680.00	2,720.00
	MS Universal USB 3.0 Multi-Port Socket at least 4 ports				
	Plug type: US, EU				
88	**Hard Drive, External, 2TB, USB 3.0, 5.0 Gbit/s Transfer Rate or Better**	unit	2	4,500.00	9,000.00
89	**VOIP Phone**	unit	6	15,000.00	90,000.00
	Audio Features				
	• HD voice: HD handset, HD speaker				
	• Smart Noise Filtering				
	• Narrowband codec: PCMU (G.711A), PCMA (G.711µ), G.723.1, G.729, G.729A, G.729B, G.729AB, G.726, iLBC				
	• DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO				

• Full-duplex hands-free speakerphone with AEC				
• VAD, CNG, AEC, PLC, AJB, AGC				
Phone Features				
• 2 VoIP accounts				
• Call hold, mute, DND				
• One-touch speed dial, hotline				
• Call forward, call waiting, call transfer				
• Group listening, SMS, emergency call				
• Redial, call return, auto answer				
• Local 5-way conferencing				
• Direct IP call without SIP proxy				
• Ring tone selection/import/delete				
• Set date time manually or automatically				
• Dial plan				
• XML Browser, action URL/URI				
• Integrated screenshots				
• RTCP-XR, VQ-RTCPXR				
• Enhanced DSS Key				
Directory				
• Loal phonebook up to 1000 entries				
• Black list				
• XML/LDAP remote phonebook				
• Smart dialing				
• Phonebook search/import/export				
• Call history: dialed/received/missed/forwarded				
IP-PBX Features				
• Busy Lamp Field (BLF), Bridged Line Apperance (BLA)				
• Anonymous call, anonymous call rejection				
• Hot-desking, voice mail				
• Flexible seating				
• Call park, call pickup				
• Executive and Assistant				
• Centralized call recording				
• Visual voice mail				
• Call recording				
Display and Indicator				
• 2.3" 132x64-pixel graphical LCD with backlight				
• LED for call and message waiting indication				
• Dual-color (red or green) illuminated LEDs for				
line status information				
• Intuitive user interface with icons and soft keys				
• Multilingual user interface				
• Caller ID with name and number				
• Power saving				
Feature keys				
• 2 line keys with LED				
• 6 features keys: transfer, message, headset,				

	redial, mute, hands-free speakerphone				
	• 5 navigation keys				
	• Volume control keys				
	Interface				
	• Dual-port Gigabit Ethernet				
	• Power over Ethernet (IEEE 802.3af), class 1*				
	• 1 x RJ9 (4P4C) handset port				
	• 1 x RJ9 (4P4C) headset port				
	Other Physical Features				
	• Color: Classic Grey				
	• Wall mountable				
	• External Yealink AC adapter				
	AC 100-240 V input and DC 5 V/0.6 A output				
	• Power consumption (PSU): 2-3 W				
	• Power consumption (PoE): 3-4 W				
	• Dimension (W x D x H x T):				
	188 x 189 x 162 x 50 mm				
	• Operating humidity: 10-95%				
	• Operating temperature: -10 to +45°C (+14 to113°F)				
	• Storage temperature: -30 to +70°C (-22 to+158°F)				
	Management				
	• Configuration: browser/phone/auto-provision				
	• Auto provision via FTP/TFTP/HTTP/HTTPS for				
	mass deploy				
	• Auto-provision with PnP				
	• Zero-sp-touch, TR-069				
	• Phone lock for personal privacy protection				
	• Reset to factory, reboot				
	• Package tracing export, system log				
	Network and Security				
	• SIP v1 (RFC2543), v2 (RFC3261)				
	• Call server redundancy supported				
	• NAT traversal: STUN mode				
	• Proxy mode and peer-to-peer SIP link mode				
	• IP assignment: static/DHCP				
	• HTTP/HTTPS web server				
	• Time and date synchronization using SNTP				
	• UDP/TCP/DNS-SRV (RFC 3263)				
	• QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP				
	• SRTP for voice				
	• Transport Layer Security (TLS 1.3)				
	• HTTPS certificate manager				
	• AES encryption for configuration file (AES256)				
	• Digest authentication				
	• OpenVPN, IEEE802.1X, L2TP VPN				
	• IPv6				
	• LLDP/CDP/DHCP VLAN				

	• ICE				
	• WPA2/WPA3				
	• Secure boot				
	• GARP (Generic Attribute Registration Protocol)				
	NOTE: Must be compatible with existing Yearstar S300 Server for auto provisioning				
90	**VOIP PHONE**	unit	1	15,000.00	15,000.00
	◉Data networking				
	◉MAC address (IEEE 802.3)				
	◉IPv4 (RFC 791)				
	◉Address Resolution Protocol (ARP)				
	◉DNS: A record (RFC 1706), SRV record (RFC 2782)				
	◉Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)				
	◉Internet Control Message Protocol (ICMP) (RFC 792)				
	◉TCP (RFC 793)				
	◉User Datagram Protocol (UDP) (RFC 768)				
	◉Real-Time Transport Protocol (RTP) (RFC 1889, 1890)				
	◉Real-Time Control Protocol (RTCP) (RFC 1889)				
	◉Differentiated Services (DiffServ) (RFC 2475)				
	◉Type of service (ToS) (RFC 791, 1349)				
	◉VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)				
	◉Simple Network Time Protocol (SNTP) (RFC 2030)				
	◉Voice gateway				
	◉SIP version 2 (RFC 3261, 3262, 3263, 3264)				
	◉SPCP with the Cisco Unified Communications 500 Series				
	◉SIP proxy redundancy: dynamic via DNS SRV, A records				
	◉Reregistration with primary SIP proxy server				
	◉SIP support in NAT networks (including STUN)				
	◉SIPFrag (RFC 3420)				
	◉Secure (encrypted) calling via SRTP				
	◉Codec name assignment				
	◉Voice algorithms:				
	◉G.711 (A-law and µ-law)				
	◉G.726 (16/24/32/40 kbps)				
	◉G.729 A				
	◉G.722				
	◉Dynamic payload support				
	◉Adjustable audio frames per packet				
	◉Dual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO)				
	◉Flexible dial plan support with interdigit timers				
	◉IP address/URI dialing support				
	◉Call progress tone generation				
	◉Jitter buffer: adaptive				
	◉Frame loss concealment				
	◉Comfort Noise Generation (CNG)				
	◉Voice activity detection (VAD) with silence suppression				

	◉*Attenuation/gain adjustments*				
	◉*VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE*				
	◉*Caller ID support (name and number)*				
	◉*Third-party call control (RFC 3725)*				
	◉*Provisioning, administration, and maintenance*				
	◉*Integrated web server provides web-based administration and configuration*				
	◉*Telephone keypad configuration via display menu/navigation*				
	◉*Automated provisioning and upgrade via HTTPS, HTTP, TFTP*				
	◉*Asynchronous notification of upgrade availability via NOTIFY*				
	◉*Nonintrusive in-service upgrades*				
	◉*Report generation and event logging*				
	◉*Statistics transmitted in BYE message*				
	◉*Syslog and debug server records: configurable per line*				
	◉*Power supply*				
	◉*1Power supply is optional and is purchased separately*				
	◉*Models: Cisco PA100-NA, PA100-EU, PA100-UK, PA100-AU*				
	◉*Switching type (100-240V) automatic*				
	◉*DC output voltage: +5 VDC at 2.0A maximum*				
	◉*Power adapter: 100-240V 50-60 Hz (26-34 VA) AC input*				
	◉*Physical interfaces*				
	◉*Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)*				
	◉*Handset: RJ-9 connector*				
	◉*Built-in speakerphone and microphone*				
	◉*Headset 2.5mm jack*				
	◉*Indicator lights/LEDs*				
	◉*Speakerphone on/off button with LED*				
	◉*Headset on/off button with LED*				
	◉*Mute button with LED*				
	◉*Message waiting LED*				
	◉*Body dimensions (W x H x D)*				
	◉*8.42 x 8.35. x 1.73 in. (214 x 212 x 44 mm)*				
	◉*Unit weight*				
	◉*2.00 lb (0.9 kg)*				
	◉*Operating temperature*				
	◉*32º ~ 104ºF (0º ~ 40ºC)*				
	◉*Storage temperature*				
	◉*-4º ~ 158ºF (-20º ~ 70ºC)*				
	◉*Operating humidity*				
	◉*5% to 95% noncondensing*				
	◉*Storage humidity*				
	◉*5% to 95% noncondensing*				
	◉*Should be compatible with existing fleet of VSU IP Phones*				
91	**VoIP, Telephone**	unit	5	15,000.00	75,000.00

	Features				
	Display: White backlit, greyscale, 3.5-inch (396x162 pixels) display				
	Call Appearance:16 voice lines				
	Fixed Feature Buttons: Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute				
	Navigation Keys: Two-way navigation and select keys				
	Programmable Line/Feature Keys: 16 programmable keys that support either lines (such as directory numbers), or call features (such as speed dialing).				
	Programmable Softkeys: 4 buttons				
	Button Module Expansion: No				
	Speakerphone: Includes high-quality, 2-way speakerphone				
	Audio: Wideband audio enhances clarity with the handset, speaker, or headset				
	Codecs: G.711 (A-law and m-law), G.722.2, G.722, G.729ab, ILBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)				
	Wall-Mountable: Yes, requires optional Cisco 7800 Series Wall Mount Kit				
	Ethernet Connectivity: Dual Ethernet (10/100) line interface (PC Pass Through & Network Connection)				
	Headset Port: Includes RJ9 headset port with EHS support				
	Message Waiting Indicator: Yes				
	Adjustable Tilt Display: No				
	Network Security: Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography				
	POWER REQUIREMENTS				
	Supports 802.3af Power-over-ethernet (PoE)				
	Can also be powered via optional power adapter if PoE is not available on your network (power supply sold separately – see accessories above)				
	System Compatibility				
	MUST have with Multiplatform Phone Firmware				
	Compatible with existing VSU fleet				
92	**Web Camera for Laptop and Desktop**	pc	15	720.00	10,800.00
	◉*About 360 degrees, rotate up and down 45 degrees, you can adjust the angle.*				
	◉*With clips for laptops and desktops.*				
	◉*Sensor pixels: 2 million*				
	◉*Interface: USB 2.0*				
	◉*Frame rate: 30 FPS*				
	◉*Image sensor: CMOS*				
	◉*Brightness/color: automatically adjusts*				

	◉*Additional features: built-in microphone*				
93	**Wireless Access Point**	unit	1	14,500.00	14,500.00
	◉*Networking Interface (1) 10/100/1000 Ethernet Port*				
	◉*Buttons Reset*				
	◉*Power Method 802.3af PoE*				
	◉*Power Supply UniFi Switch (PoE)*				
	◉*Power Save Supported*				
	◉*Beamforming Supported*				
	◉*Maximum Power Consumption 10.5W*				
	◉*Supported Voltage Range 44 to 57VDC*				
	◉*TX Power*				
	◉*2.4 GHz*				
	◉*5 GHz*				
	◉*23 dBm*				
	◉*26 dBm*				
	◉*MIMO*				
	◉*2.4 GHz*				
	◉*5 GHz*				
	◉*2x2*				
	◉*4x4*				
	◉*Radio Rates*				
	◉*2.4 GHz*				
	◉*5 GHz*				
	◉*300 Mbps*				
	◉*1733 Mbps*				
	◉*Antennas*				
	◉*2.4 GHz*				
	◉*5 GHz*				
	◉*(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each*				
	◉*(2) Single-Port, Dual-Polarity Antennas, 3 dBi each*				
	◉*Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2*				
	◉*Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF*				
	◉*BSSID 8 per Radio*				
	◉*Mounting Wall/Ceiling (Kits Included)*				
	◉*Operating Temperature -10 to 70° C (14 to 158° F)*				
	◉*Operating Humidity 5 to 95% Noncondensing*				
	◉*Certifications CE, FCC, IC*				
	◉*Advanced Traffic Management*				
	◉*VLAN 802.1Q*				
	◉*Advanced QoS Per-User Rate Limiting*				
	◉*Guest Traffic Isolation Supported*				
	◉*WMM Voice, Video, Best Effort, and Background*				
	◉*Concurrent Clients 200+*				
	◉*Supported Data Rates (Mbps)*				
	◉*Standard Data Rates*				
	◉*802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps*				

#	Description	Unit	Qty	Unit Price	Total
	◉802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)				
	◉802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)				
	◉58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)				
	◉802.11b 1, 2, 5.5, 11 Mbps				
	◉802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps				
	◉Should be compatible with existing UniFi Controller				
94	**Laser Presentation Remote / Wireless Presenter, Black**	pc	2	700.00	1,400.00
	◉Wave Length: 640～660nm (red light)				
	◉Battery type: 2 AAA batteries				
	◉Battery life (Laser pointer): 20-hour maximum				
	◉Battery life (Presenter): 1050-hour maximum				
	◉Wireless operating distance: Approx 10m				
	◉1.49 in (37.8 mm) x 4.55 in (115.5 mm) x 1.08 in (27.4 mm)				
	◉0.65 in (16.5 mm) x 2.31 in (58.6 mm) x 0.31 in (7.9 mm)				
	◉Windows Vista, Windows 7, Windows 8				
	◉Wireless mini-receiver				
	◉2 AAA batteries				
	◉Carrying case				
	◉Quick-start guide				
95	**Multimedia Speakers 2.0, 6W, USB powered**	pair	3	600.00	1,800.00
	Total Output Power (RMS): 6W				
	Satellite wattage (RMS):3W				
	Satellite Driver : Size : 2.5"				
	Frequency Range: 70-20000 Hz				
	Interface: 3.5mm jack				
	Housing material : ABS				
	Controls: Overall Volume				
	Power Supply: via USB, 5V				
96	**Camera Battery**	pcs	1	3,500.00	3,500.00
	Chemistry Lithium-Ion				
	Output Voltage 7.2 VDC				
	Capacity: 875mAh				
	Powers EOS M50 and M100 Cameras				
	For Rebel SL1 & PowerShot SX70 HS				
97	**Ceiling fan**	pc	7	2,500.00	17,500.00
	◉Orbit type				
	◉metal blade 16"				
	◉three speed controller				
98	**Audio Amplifier Two Channels**	unit	1	15,000.00	15,000.00
	Stereo output power 8Ω: 650Wattsx2				
	Stereo output power 4Ω: 1100Wattsx2				
	Total harmonic distortion: <0.01%				
	Signal-to-noise ratio: >105dB				
	Input impedance: balanced 20KΩ/unbalanced 10KΩ				
	Input sensitivity: 0db/1V				

	Voltage gain: adjustable, maximum 32dB (40 times)				
	Frequency response: 20Hz~20KHz ±0.15dB				
	Conversion rate: 50V/us				
	Channel isolation: 105dB (1KHz); 80dB (20KHz)				
	Damping coefficient: 80/1KHz ＞ 250				
	Connector: Input: XLR female, TRS (1/4 inch) output terminal and Speaker socket				
	Indicator light: signal indicator, protection indicator, overheat protection, overload protection				
	AC input voltage: AC220V/50-60HZ				
99	**Computer Keyboard USB**	pc	24	400.00	9,600.00
	◙*Standard Keyboard with 104 Keys*				
	◙*USB Connection*				
	◙*Low Profile Key Caps*				
	◙*Minimum Key Noise*				
	◙*Laser Printing for Key Layout*				
	◙*Spill Resistant Design*				
100	**Computer Monitor 21.5", VA**	pc	24	5,500.00	132,000.00
	Size: 21.5"				
	Panel Type: VA				
	Resolution: 1920x1080 (FHD)				
	Refresh Rate: 75Hz				
	Response Time: 5MS				
	Interface: VGA, HDMI				
	With a slim and 3-sided frameless design				
	Flicker Free and Low Blue Mode eye protection technology				
	VESA mount compatibility				
101	**Ethernet Switch, 16 Port, Gigabit**	unit	2	5,000.00	10,000.00
	Standards and Protocols IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x				
	Interface :16 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX)				
	Network Media 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m)				
	Fan Quantity Fanless				
	Power Supply 100-240VAC, 50/60Hz				
	Switching Capacity 32Gbps Packet Forwarding Rate 23.8Mpps				
	MAC Address Table 8K Jumbo Frame 10KB				
	Green Technology Yes				
	Transfer Method Store-and-Forward				
102	**External Hard Disk Drive (Portable, 4TB), USB 3.1**	unit	1	7,000.00	7,000.00
	◙*Shock-absorbing*				
	◙*Interface: USB 3.1 (Max.5Gb/s)*				
	◙*Capacity: 4TB*				
	◙*Texture: Plastic/Rubber*				
	◙*Operating Voltage: DC 5V, 900mA*				
	◙*System Requirements: Windows XP / Vista / 7 / 8 / 8.1 /*				

	10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later				
103	**HDMI Cable, 15M**	pc	5	800.00	4,000.00
	Connector Type: HDMI				
	Length:15m				
	Bandwidth: 10.2Gbit/s.				
	*Resolution: 4k*2k@60Hz, 4k*2k@30Hz, 1080P 3D.*				
	Pure Copper				
	4 standard protective layer shields interference, no delay, no flashing screen, and the picture is stable.				
104	**Mouse, Wired, Optical, USB**	pc	58	210.00	12,180.00
	◉*USB Port Connectivity*				
	◉*Sensor: Optical*				
	◉*DPI: 1600*				
	◉*Work method: Wired*				
	◉*Buttons: Left button, middle button, right button*				
	◉*Scroll wheel direction: Two way*				
	◉*Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design*				
105	**Random Access Memory, DDR4, 3200Mhz, 8GB**	pc	75	1,800.00	135,000.00
	Memory Capacity: 8GB				
	Speed: 3200Mhz				
	Error Check: Non-ECC				
	Module Type: DIMM (For Desktop)				
	CAS Latency: CL22				
	Form Factor: DDR4				
	Pins: 288 Pin				
	Memory Voltage: 1.2V				
	JEDEC compliant and durability guaranteed				
106	**RJ 45, Passthrough, CAT6**	box	3	400.00	1,200.00
	◉*100 pc/box*				
107	**Camera Gimbal Stabilizer**	pc	1	1,500.00	1,500.00
	Camera Stabilizer 3-Axis Gimbal Handheld for DSLR Mirrorless Cameras Single,				
	• Grip Design: Single Handgrip (Slanted)				
	• Load Capacity: 4.85 lb / 2.2 kg				
	• Number of Axes: 3-Axis (Pitch (Tilt), Roll, Yaw (Pan))				
	• Wireless Frequency: Video: 2.4 GHz (2.4 - 2.483)				
	• Wireless Protocol: Bluetooth 5.0				
	• Mobile App Compatible: Yes: Android & iOS, App Name: DJI Ronin, Functionality: Adjust Settings, Remote Control, View Live Feed				
	• Mounting: 1 x 1/4"-20 Female, 1 x 3/8"-16 Female				
	• Weight: 2.43 lb / 1.1 kg (with Handlebar)				
	• Inputs/Outputs: 1 x USB-C (Power) Input, 1 x CAN (Control) Input, 1 x RSA Input				
	• Battery Type: 1 x Built-In				
	• Battery Capacity: 2450 mAh / 17.64 Wh				

	• Battery Runtime: 11 Hours				
	• Battery Charging Time: 2.5 Hours				
	• Battery Chemistry: Lithium-Ion Polymer (LiPo)				
	• Voltage: 7.2 VDC				
	• Key feature support: Three-Axis Motorized Gimbal Stabilizer				
	Force Mobile Smartphone Control				
	ActiveTrack 3.0 Subject Tracking				
	360° Panorama & Time-Lapse Control				
	USB Type-C & Bluetooth Control				
	Motor Protection, Quick Release Slider				
	Control & Configure via Android/iOS App				
108	**Camera Lens**	unit	1	**10,000.00**	**10,000.00**
	Compatible to Brand: Canon				
	EF 50mm f/1.8 STM Lens,				
	• Focal Length: 50mm				
	• Maximum Aperture: f/1.8				
	• Minimum Aperture: f/22				
	• Lens Mount: Canon EF				
	• Lens Format Coverage: Full-Frame				
	• Angle of View: 46°				
	• Minimum Focus Distance: 13.78" / 35 cm				
	• Maximum Magnification: 0.21x				
	• Optical Design: 6 Elements in 5 Groups				
	• Diaphragm Blades: 7, Rounded				
	• Focus Type: Autofocus				
	• Image Stabilization: No				
	• Filter Size: 49 mm (Front)				
	• Dimensions (ø x L): 2.72 x 1.54" / 69.2 x 39.2 mm				
109	**HDMI to USB Type-C Cable**	pc	2	**850.00**	**1,700.00**
	USB C to HDMI Type C To HDMI Converter Cable Thunderbolt 3 Adapter, Nylon Braided supports 4k 60Hz, 2-meter length, compatible with MacBook Pro M2/2022/2020/2019, MacBook Air M2/2022/2020/2018				
110	**Multi-function Mount**	pc	4	**600.00**	**2,400.00**
	Multi-functional Mini Ball Head 360°Rotatable Aluminum Alloy Ballhead Adapter Tripod Head 1/4 Inch Screw & Cold Shoe Connection				
111	**Portable SSD 1TB**	pc	1	**5,800.00**	**5,800.00**
	Specifications:				
	Capacity; 1 TB				
	Connector: USB-C				
	Compatibility				
	Compatible laptop or desktop				
	Sequential Read Performance 1050MB/s				
	Sequential Write Performance 1000MB/s				
	Interface				
	USB 3.2 Gen 2				

	In The Box				
	Extreme Portable SSD				
	USB-C to USB-C Cable				
	USB-C to USB-A Adaptor				
	Safety and Warranty Guide.				
112	**RG6 (Coax) Cable, 300m**	spool	1	5,000.00	5,000.00
113	**USB Type-C Charger**	pc	2	290.00	580.00
	USB type C Power supply universal compatibility, braided cable, US plug, 100-240V 50/60Hz 500mA input, 18W charging for Blackmagic Design Micro Converter SDI to HDMI 3G				
114	**Universal Tower Extension**	pc	4	1,300.00	5,200.00
	Extension Cord 16 Gang With Switch WTE-516 Original Authentic				
115	**Video Transmitter/Receiver Battery**	pc	4	1,500.00	6,000.00
	NP-F770 4400mAh Batteries				
	• Sony L-Series mount				
	• Lithium-Ion				
	• 4400mAh/31.68 capacity				
	• 7.2VDC				
	• compatible with Hollyland Mars 400/400S PRO				
116	**Video Transmitter/Receiver Charger**	pc	4	1,900.00	7,600.00
	2.1 VDC Power Adapter with US Plug for Mars 300/400/400S, 12 VDC 2 A, 100 to 240 VAC, 50/60 Hz compatible with Hollyland Mars 400/400S				
117	**Wireless Mouse**	pc	4	500.00	2,000.00
	2.4G Wireless Rechargeable Mouse				
	• USB type-C				
118	**Laptop, 13.3", Retina Display, M1 Chip (7 Cores)**	unit	1	60,000.00	60,000.00
	M1 chip with 8-core CPU, 7-core GPU, and 16-core Neural Engine or higher				
	13.3-inch (diagonal) LED-backlit display with IPS technology				
	400 nits brightness				
	Wide color (P3)				
	True Tone technology				
	8GB Unified Memory				
	Touch ID sensor				
	Storage: 256GB SSD or higher				
	Operating system: macOS Big Sur				
	(with Bag)				
119	**Desktop Computer (i5, 11th Gen) (Assembled)**	unit	1	60,000.00	60,000.00
	◎*Processor: Intel Core i5-11500 or higher*				
	◎*Motherboard: Intel H510M S2H (6+2 Phases Digital VRM, Anti-sulfur resistors, LGA 1200, Micro-ATX, PCIe 4.0, USB 3.2 Gen) or higher*				
	◎*Memory: 16GB (2x8) DDR4 or higher*				
	◎*SSD: 500GB NVMe M.2, or higher*				
	◎*Optical Drive: DVD-RW*				

	◎Casing: W/ 700W PSU,				
	◎Monitor: 23" IPS FHD,				
	◎Operating System: Genuine Windows 10 Home (OEM)				
	◎Keyboard and mouse combo				
	◎500W IC controlled AVR, 500VA UPS				
	◎Stereo speakers				
120	**CCTV IP Camera**	pc	5	4,000.00	20,000.00
	◎2MP WDR, with Built-in Mic				
	◎12v, DC				
	◎30m IR range,				
	◎1920x1080 Max. Resolution				
	◎Dome Type				
	◎2.8/4mm fixed lens				
121	**DSLR Camera (24.2 MP, APS-C with 18-55mm lens)**	unit	1	50,000.00	50,000.00
	◎24.2MP APS-C CMOS Sensor				
	◎3.0" 1.04m-Dot Vari-Angle Touchscreen				
	◎Full HD 1080p Video Recording at 60 fps				
	◎45-Point All Cross-Type AF System				
	◎Dual Pixel CMOS AF				
	◎Expanded ISO 25600, Up to 7 fps Shooting				
	◎Built-In Wi-Fi with NFCEF-S 18-55mm f/3.5-5.6 IS STM				
122	**LCD Projector SVGA (800x600)**	unit	1	28,000.00	28,000.00
	◎Projection System: 3LCD Technology, RGB liquid crystal shutter				
	◎Resolution: SVGA (800x600), 4:3				
	◎Light Output: 3,300 Lumen- 2,050 Lumen (economy)				
	◎Contrast Ratio: 15,000:1				
	◎Lamp: 210 W				
	◎Lamp Hours: 6,000-10,000				
123	**LCD Projector, XGA (1024x768)**	unit	3	28,000.00	84,000.00
	◎Projection Method: Front/rear/ceiling mount				
	◎Pixel Number: at least 786,432 dots (1024 x 768) x 3				
	◎Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4				
	◎Aspect ratio: 4:3				
	◎Lamp Life: ECO Mode up to 5000 hrs				
	◎Normal Mode up to 4000 hrs				
	◎Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)				
	◎Keystone Correction: Manual				
	◎USB Plug 'n Play: Compatible w/ PC and MAC computers				
	◎Contrast Ratio: 15.000 : 1				
	◎Color Reproduction: 16.77 million color				
124	**Canon Pixma Ink Bottle,GI-790(Black)**	btl	6	400.00	2,400.00
125	**Canon Pixma Ink Bottle,GI-790(Cyan)**	btl	5	400.00	2,000.00
126	**Canon Pixma Ink Bottle,GI-790(Magenta)**	btl	5	400.00	2,000.00
127	**Canon Pixma Ink Bottle,GI-790(Yellow)**	btl	5	400.00	2,000.00
128	**Windows 10 Operating System**	licenses	1	10,000.00	10,000.00

	Genuine Windows 10 Volume License				
129	**Microsoft Office 2021 Professional Plus Perpetual License**	unit	1	7,000.00	7,000.00
	Includes Classic 2021 versions of Word, Excel, PowerPoint, and Outlook, plus Publisher Access and Teams				
	You will receive a License Key Card inside a Sealed Box				
	The License is Perpetual / No Expiration.				
	This is One-time purchase for 1 PC				
	Compatible with Windows 11 and Windows				
	Works with Microsoft Teams				
130	**Desktop CPU (Assembled)**	unit	1	40,000.00	40,000.00
	CPU Processor: Inter(R) Core(TM) i7-8700 CPU @ 3.20 GHz 3.19 GHz or higher				
	Installed RAM 8.00 GB (7.87 GB usable) or higher				
	System type 64-bit operating system, x64-based processor				
	HD Capacity: 1TB 7200RPM SATA 6Gb/s				
	Windows specifications:				
	Edition: Windows 10 Pro or higher				
	Version 22H2				
	with license microsoft office				
131	**Desktop Monitor Only**	unit	4	30,000.00	120,000.00
	Gaming Monitor - 27inch, Full HD, 0.5ms*, 165Hz (above 144Hz), G-SYNC Compatible, FreeSync Premium				
	27 inch Full HD gaming monitor with an ultra-fast 165Hz refresh rate and Adaptive-Sync technology to eliminate screen tearing and choppy frame rates				
	Certified as G-SYNC Compatible, FreeSync Premium technology delivering a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default.				
	0.5ms* response time for smooth gameplay, and Extreme Low Motion Blur (ELMB) Technology to further reduce ghosting and motion blur				
	GameFast Input Technology minimizes input lag and provides much faster motion delivery from end devices to monitor				
	Supports both Adaptive-Sync with NVIDIA GeForce* graphics cards and FreeSync with AMD Radeon graphics cards *Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards				
132	**Flatbed document scanner w/ ADF, Ethernet and WiFi Capable**	unit	1	50,000.00	50,000.00
	◉*Color scanning: Yes*				
	◉*Scan speed ADF: Up to 30 ppm/60 ipm*				
	◉*Scan type / Technology Flatbed; ADF / CMOS CIS (Contact Image Sensor)*				
	◉*Scan resolution Hardware: Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed); Optical: Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)*				
	◉*Scan file format For text & images: PDF, JPEG, PNG,*				

	BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF				
	◙Scan Size ADF: 8.5 x 122 in Maximum; 4.1 x 5.8 in Minimum; Flatbed: 8.5 x 14 in				
	◙Scanner advanced features Auto exposure, Auto threshold, Auto detect color, Background smooth/removal, Auto detect size, Straighten content, Enhance content, Multi-feed detection sensor, Auto orient, Multicolor dropout, Edge erase, Delete blank page, Merge pages, Hole fill, PDF permissions, Document separation (single page				
	◙Duplex ADF scanning				
	◙ADF capacity Standard, 50 sheets (75 g/m² paper)				
	◙Multi feed detection Yes				
	◙Light source (scanning) Light Emitting Diode (LED)				
	◙Output resolution dpi settings 75; 150; 200; 240; 300; 400; 500; 600; and 1200 ppi				
	◙Twain version TWAIN Certified. Version 2.1				
	◙Bit depth / Grayscale levels 24-bits external 48-bits internal/256				
	◙Standard connectivity USB 2.0 and USB 3.0; Built-in Fast Ethernet 10/100/1000Base-TX network port				
	◙Wireless capability Yes, Wi-Fi 802.11 b/g/n, Wi-Fi				
	◙Direct Memory Standard:1 GB Processor speed				
	◙550 MHz /				
	◙Duty cycle (daily) Recommended daily duty cycle: 4000 pages (ADF), 100 pages (Flatbed) Media types supported Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)				
133	**Ink, Epson, 001, Genuine Black 127ml, C13T03Y100**	pc	2	650.00	1,300.00
134	**Epson 001 ink, Black, 127ml, Genuine**	btl	25	600.00	15,000.00
135	**Epson 001 ink, Cyan, Genuine**	btl	25	350.00	8,750.00
136	**Epson 001 ink, Yellow, Genuine**	btl	25	350.00	8,750.00
137	**Laptop**	unit	2	55,000.00	110,000.00
	CPU: 13th Generation Intel® Core™ i5-1335U Processor (12MB Cache, up to 4.60 GHz) or higher				
	Storage: 512GB M.2 PCIe NVMe Solid State Drive or higher				
	RAM: 8GB 4800MHz LPDDR5 Memory Onboard or higher				
	Graphics: Intel® Iris® Xe Graphics				
	Screen: 14.0-inch 16:10 FHD+ (1920 x 1200) Anti-Glare Non-Touch 250nits WVA Display with Comfort View Support				
	Keyboard: Titan Gray English International Backlit Keyboard, Power Button with Fingerprint Reader				
	Wireless: Intel(R) Wi-Fi 6E (6GHz) AX211 2x2 Bluetooth 5.2 Wireless Card				
	Battery: 4-Cell Battery, 54WHr (Integrated), 65 Watt AC Adapter				
	OS: Licensed Windows 11 Home Single Language English				
	OPI: Licensed w/ Microsoft Home & Student 2021				
	Carry Case: Backpack 15				
	Warranty: 24 Months Premium Support and Onsite Service-				

		unit			
	Retail-PH based				
	(with Bag)				
138	**WiFi router**	**unit**	**2**	**2,500.00**	**5,000.00**
	◙*Wired standard: IEEE802.3, IEEE802.3u*				
	◙*Interface: 10 / 100Mbps WAN port * 1 10/100Mbps LAN ports*3*				
	◙*Antenna: 6dBi external dual-frequency omnidirectional antenna * 5*				
	◙*Button: WiFi on / off * 1, WPS / Reset button * 1*				
139	**65" Smart TV**	**unit**	**1**	**70,000.00**	**70,000.00**
	Model year: 2022				
	STAND WIDTH (STANDARD POSITION): at least 45.5" (1,153 mm)				
	HDCP:HDCP 2.3 (for HDMI™ 1/2/3)				
	USB DRIVE FORMAT SUPPORT: FAT16/FAT32/NTFS				
	COMPONENT VIDEO (Y/PB/PR) INPUT(S): No				
	HDMI INPUTS TOTAL:3 (3 Side)				
	COMPOSITE VIDEO INPUT(S): 1 (rear)				
	RS-232C INPUT(S): No				
	DIGITAL AUDIO OUTPUT(S):1 (rear)				
	IF (SATELLITE) INPUT(S): No				
	USB HDD RECORDING: No				
	HDMI AUDIO RETURN CHANNEL (ARC): Yes (eARC/ARC)				
	RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S): 1 (Side)				
	HEADPHONE OUTPUT(S): 1 (Side)				
	WI-FI FREQUENCY: 2.4 GHz/5 GHz				
	USB PORTS: 2 (Side)				
	USB PLAYBACK CODECS: MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 TS (HDV, AVCHD):MPEG2, AVC/MP4 (XAVC S):AVC, MPEG4, HEVC, AV1/AVI:MotionJpeg/ASF(WMV):VC1/MOV:AVC, MPEG4/MKV:AVC, MPEG4, VP8, HEVC/3GPP:MPEG4, AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG, WEBM:AV1/AC4/ogg/AAC				
	WI-FI STANDARD: Wi-Fi Certified 802.11a/b/g/n/ac				
	CHROMECAST BUILT-IN: Yes				
	APPLE HOMEKIT: Yes				
	BLUETOOTH PROFILE SUPPORT: Version 5.0, HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/A2DP (stereo audio) 1/AVRCP (AV remote control)/SPP (Serial Port Profile)				
	ETHERNET INPUTS: 1 (rear)				
	APPLE AIRPLAY: Yes				
	Features				
	• Intelligent TV processing with 4K Processor X1				
	• Produces a wide array of colors with dynamic contrast range				
	• Google TV with Google Assistant (1)				
	• Blur-free picture quality with Motionflow XR				

		unit			
	• Upscale your content to near-4K(2) with 4K X-Reality PRO				
	What's In The Box				
	Table Top Stand				
	Voice Remote Control				
	Batteries				
	AC Power Cord				
	Operating Instructions				
	Quick Setup Guide				
	with free installation				
140	**Laptop 14" (i3)**	unit	1	38,000.00	38,000.00
	◉Processor : Intel Core i3-1005G1 Processor 4M Cache, up to 3.40 GHz or higher				
	◉Operating System : Licensed Windows 10 Home or higher				
	◉Memory : 4GB Onboard memory, 1 x SO-DIMM socket , total up to 8 GB SDRAM or higher				
	◉Display : 14.0" (16:9) LED-backlit HD (1366x768) 60Hz Anti-Glare Panel with 45% NTSC				
	◉Graphics : Integrated Intel UHD Graphics				
	◉Storage : 512GB PCIe Gen3 x2 SSD or higher				
	◉Networking : Integrated Wi-Fi 5 (802.11 ac) Bluetooth 5.0				
	◉Battery : 2 -Cell 32 Wh lithium-polymer battery				
	(with Bag)				
141	**Desktop Computer (i7), 11th Gen, 8GB RAM (Assembled)**	unit	1	65,000.00	65,000.00
	◉Processor: Intel® Core™ i7-11700 or higher				
	◉Chipset: Intel®H510 with ultradurable capacitors				
	◉Graphics: Intel® UHD Graphics 750				
	◉Memory: at least 8 GB Dual Channel, DDR4 at 3200MHz				
	◉Expansion Slots: 1 x M.2, 2 x PCI-e x 1, 1 x PCI-e x 16				
	◉SATA: 4 x SATA 6Gb/s *1				
	◉Storage: at least 250 GB M.2 SSD				
	◉Operating System: Genuine Windows 10 Home				
	◉Power Supply: at least 500 W Peak with ATX case				
	◉Monitor: 24" LED IPS Full HD				
	◉Keyboard and Mouse				
142	**Epson 001 ink, Magenta, Genuine**	btl	20	350.00	7,000.00
143	**Cisco VOIP Phones**	unit	1	15,000.00	15,000.00
	Cisco CP-7821-3PCC or Cisco CP-6821-3PCC				
	2 channels with power supply (Existing VSU IPPhone Fleet)				
144	**Biometrics Machine**	unit	1	8,000.00	8,000.00
	Face Recognition/Fingerprint Time Attendance Recorder				
	High-Speed Identification Less than 1 second				
	TCP/IP Port for Internet Connection				
	Access Port Available to control one lock and exit button				
	Easy to install and user friendly				
145	**Smart Phone 128GB 6GB RAM 5G**	unit	2	15,000.00	30,000.00
	Technology: GSM / HSPA / LTE / 5G				
	Dual SIM (Nano-SIM, dual stand-by)				

	Display: 6.6 inches or higher				
	Android 14, One UI Core 6 or higher				
	Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55) or higher				
	Memory: 128GB 6GB RAM or higher				
	Camera : 50 MP, f/1.8, (wide), PDAF, 2 MP, f/2.4, (macro), 2 MP, f/2.4, (depth)				
	Camera Features: LED flash, panorama, HDR				
	Video: 1080p@30fps				
	3.5mm jack				
	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct or higher				
	GPS, GLONASS, GALILEO				
	FM radio (Exynos 1330 chipset only), recording				
	Li-Po 5000 mAh, non-removable battery or higher				
	with Charger included				
146	**Digital Voice Recorder**	pc	1	14,500.00	14,500.00
	Built-in USB Black				
	Micro card slot				
	Stereo mic-in jack				
	Stereo earphone jack				
147	**Apple Ipad Keyboard with Trackpad for iPad Air (4th & 5th Gen)**	pc	1	8,500.00	8,500.00
	Modes: Type, View, Sketch, Read				
	Keyboard Type: Attached keyboard				
	Backlit Keys: Yes				
	Viewing Angles: 20-60°				
	Power and Connectivity: Powered by iPad via the Smart Connector				
	Case				
	Space to store Apple Pencil (2nd gen)				
	Front and back protection				
	Access all ports: Camera / Lightning				
	Keyboard				
	16 levels of adjustable backlighting				
	Full row of iPadOS shortcut keys				
	18 mm key pitch				
	1 mm key travel				
	Compatibility				
	iPadOS 13.4 or later				
	iPad Air (5th gen)				
	Model: A2588, A2589, A2591				
	iPad Air (4th gen)				
	Model: A2316, A2324, A2325, A2072				
148	**Global Positioning System (GPS)**	unit	1	35,000.00	35,000.00
	4-inch dual-orientation,				
	glove friendly touchscreen display;				
	8 megapixel autofocus camera;				
	automatically geotags photos; tracks both GPS and				

	GLONASS satellites;				
	1-year birds Eye Satellite Imagery subscription;				
	3-axis compass with barometric altimeter				
149	**LCD Projector, XGA (1024x768)**	unit	3	28,000.00	84,000.00
	◉Projection Method: Front/rear/ceiling mount				
	◉Pixel Number: at least 786,432 dots (1024 x 768) x 3				
	◉Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4				
	◉Aspect ratio: 4:3				
	◉Lamp Life: ECO Mode up to 5000 hrs				
	◉Normal Mode up to 4000 hrs				
	◉Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)				
	◉Keystone Correction: Manual				
	◉USB Plug 'n Play: Compatible w/ PC and MAC computers				
	◉Contrast Ratio: 15.000 : 1				
	◉Color Reproduction: 16.77 million color				
150	**Desktop Computer, Assembled, 12th Gen Core i5, SDD and HDD**	sets	5	49,000.00	245,000.00
	◉Processor: Intel® Core i5 12th gen with Intel® UHD Graphics 730 or higher				
	◉Motherboard :Intel® H610 Chipset for 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+1+1 Hybrid Digital VRM Design, Intel® GbE LAN, NVMe PCIe 3.0 x4 M.2, High Quality Audio Capacitors and Audio Noise Guard, mATX form factor or higher				
	◉RAM: 16GB DDR4 3200 Mhz or higher				
	◉SSD: 512 GB NVMe PCIe Gen 3x4				
	◉HDD: 1 TB 7200 RPM				
	◉PSU: 650w 80 plus Bronze Certified				
	◉Casing: mATX Casing with transparent acrylic side panel				
	◉24" IPS monitor 72% NSTC color gamut with 75Hz refresh rate				
	◉Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes (excludes number lock key) keyboard and full-sized ambidextrous optical mouse				
	◉Operating system: Genuine Windows 11				
151	**EPSON INK btl 664 black**	btl	25	500.00	12,500.00
152	**Epson ink btl magenta**	btl	20	400.00	8,000.00
153	**Epson L6290 001 Ecotank Ink Black**	btls	12	600.00	7,200.00
154	**Epson L6290 001 Ecotank Ink Cyan**	btls	1	400.00	400.00
155	**Epson L6290 001 Ecotank Ink Magenta**	btls	1	400.00	400.00
156	**Epson L6290 001 Ecotank Ink Yellow**	btls	1	400.00	400.00
				TOTAL:	**5,650,000.00**

Bids received in excess of the ABC for each item shall be automatically rejected at bid opening.

2.   The *Visayas State University* now invites bids for the above Procurement Project. Delivery of the Goods is required by *Forty-Five (45) calendar days upon receipt of Notice to Proceed (NTP)*. Bidders should have completed, within *two (2) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

3.   Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

      Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4.   Prospective Bidders may obtain further information from *Visayas State University* and inspect the Bidding Documents at the address given below during *Mondays - Fridays (8:00 AM-5:00 PM)*.

5.   A complete set of Bidding Documents may be acquired by interested Bidders on *22 February – 13 March 2024 until 1:30 PM* from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Ten Thousand Pesos (PhP 10,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.

6.   The *Visayas State University* will hold a Pre-Bid Conference on **March 1, 2014; 9:00 AM** at *the BAC Conference Room, VSU Market, Visca, Baybay City, Leyte* and through video conferencing *via Zoom,* which shall be open to prospective bidders.

      Bidders are advised to contact the BAC Secretariat before the scheduled Pre-Bid Conference for the Zoom meeting details.

7.   Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address indicated below, (ii) online or electronic submission as indicated below, or (iii) both on or before **13 March 2024 until 1:30 PM**. Late bids shall not be accepted.

8.   For bidders who opt to submit their bids electronically, a hardcopy (original) of the bid must be sent to the BAC through preferred couriers. A proof (e.g. courier receipt/waybill, etc.) that a hardcopy of the bid is on transit must be presented upon submission of the electronic bid.

9.   All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.

10. Bid opening shall be on **13 March 2024; 2:00 PM** at the *BAC Conference Room, VSU Market, Visca, Baybay City, Leyte* and through video conferencing via *Zoom.* Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

    Bidders are advised to contact the BAC Secretariat before the scheduled Bid Opening for the Zoom meeting details.

11. The *Visayas State University* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

12. For further information, please refer to:

    Ms. Jessamine C. Ecleo (BAC Secretariat)
    Office of the Head for Procurement,
    VSU-Main, Visca, Baybay City, Leyte
    Mobile: 053 565 0600 local 1093 or 0998 555 0106
    Email: jessamine.ecleo@vsu.edu.ph

or

    Mr. Toni Marc L. Dargantes (BAC Secretariat)
    Office of the VP for Planning, Resource Generation & Auxiliary Services
    VSU-Main, Visca, Baybay City, Leyte
    Mobile: 0977 7186594
    Email: tmdargantes@vsu.edu.ph

13. You may visit the following websites:

    For downloading of Bidding Documents: *https://www.vsu.edu.ph/philgeps-opportunities*

February 21, 2024

DILBERTO O. FERRAREN
Chairperson, VSU BAC

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *Visayas State University,* wishes to receive Bids for the *Supply and Delivery of IT Equipment and Supplies*, with identification number *VSU-GOODS-24-23*.

The Procurement Project (referred to herein as "Project") is composed of *156 items*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1.   The GOP through the source of funding as indicated below for *2024* in the amount of *Three Million Seven Hundred Fifty Thousand Pesos (PhP 5,650,000.00).*

2.2.   The source of funding is: NGA, the General Fund, Special Trust Fund, and Trust Fund.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1.   Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

Bidder should comply with the following requirements:

  i.   Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%)* of the ABC for this Project; and

  ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that: **Subcontracting is not allowed**.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB.**

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **two (2 years)** prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

   a. For Goods offered from within the Procuring Entity's country:

      i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);

      ii. The cost of all customs duties and sales and other taxes already paid or payable;

      iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and

iv.   The price of other (incidental) services, if any, listed in e.

b.   For Goods offered from abroad:
   i.   Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

   ii.   The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

13. Bid and Payment Currencies

13.1.   For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2.   Payment of the contract price shall be made in: Philippine Pesos.

14. Bid Security

14.1.   The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2.   The Bid and bid security shall be valid until *July 13, 2024*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB.**

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance.   In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as follows: One Project having several items, which shall be awarded as separate contracts per item.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the

lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: a. *I.T. Equipment and/or Supplies* b. completed within two (2) years prior to the deadline for the submission and receipt of bids.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP *VSU Main, Visca, Baybay City, Leyte* or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: a. The amount of not less than *One Hundred Thirteen Thousand Pesos (PhP 113,000.00) or two percent (2%) of ABC*, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than *Two Hundred Eighty Two Thousand Five Hundred Pesos (PhP 282,500.00) or five percent (5%) of ABC* if bid security is in Surety Bond.
15	Bidders are requested to submit two (2) more copies of its bid (Copy 1 and Copy 2) in addition to the required original hardcopy. For filing purposes, the bidders are urged to use **Orange** envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.
19.3	*See Section I. Invitation to Bid (Item 1) for the list of items and their corresponding total Approved Budget for the Contract (ABC) per item.*
20.2	Bidders are required to submit its updated Mayor's/Business Permit during post-qualification.
21.2	*Not Applicable.*

Section IV. General Conditions of Contract

1.   Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC).**

2.   Advance Payment and Terms of Payment

2.1.   Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2.   The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3.   Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4.   Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	

1	**Delivery and Documents –**
	
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	
	The delivery term applicable to this Contract is delivered *VSU Main Campus, Visca, Baybay City, Leyte.* Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.
	
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).
	
	For purposes of this Clause the Procuring Entity's Representative at the Project Site is*:*
	
	  <u>**Ms. Vivian V. Balbarino**</u>
	  Head, Supply and Property Office
	  VSU-Main, Visca, Baybay City, Leyte
	  Contact #: 053 565 0600 local 1082/ 09175518871
	  sppmo@vsu.edu.ph
	
	 • *Additional Instruction: The Supplier should notify the Head of Supply and Property Management Office at least 1 week before the scheduled delivery.*
	
	Incidental Services –
	
	The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:
	
	 a. performance r supervision of on-site assembly and/or start-up of the supplied Goods;
	
	 b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;
	
	 c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
	
	 d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
	 e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and

b. in the event of termination of production of the spare parts:

    i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and

    ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of 3 years.

Spare parts or components shall be supplied as promptly as possible, but in any case, within 1 month of placing the order.

Packaging –

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity

	Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications
	A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging. **Transportation –** Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.
	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. **Intellectual Property Rights –**

	The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	Payment of staggered deliveries shall be allowed. Payment shall be on "as per cost of the items delivered" subject to inspection and acceptance.
4	The inspections and tests that will be conducted will be specified by the appropriate technical team of VSU to confirm conformity to the contract specifications at no extra cost to VSU.

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

ITEM #	Unit	Qty	Description	Delivered, Weeks/Months
1	unit	8	**27" FHD Curved Monitor**	All Items Should Be Delivered to **VSU Main Campus, Visca, Baybay City, Leyte** within **45 Calendar Days** from receipt of Notice To Proceed (NTP) and Purchase Order
			Size: 27"	
			Resolution: 1920 x 1080 FHD	
			1 ms (MPRT) / 5 ms (GTG)	
			Type: VA	
			View Angle: 178 degrees Horizontal and Vertical	
			Aspect Ratio: 16:9	
			Curvature: 1500R	
			Contrast Ratio: 4000:1	
			SRGB: 97.7% (CIE 1976)	
			Active Display Area: 597.888mm (H) x 336.312mm (V)	
			Pixel Pitch: 0.3114 (H) x 0.3114 (V)	
			Surface Treatment: Anti-glare	
			Display Colors: 16.7M	
			Color Bit: 8 Bits	
			Video Ports: 1 x Display Port (1.2a), 1 x HDMI (1.4b) @ Up to 75Hz	
			Headphone-out x 1, Kensington Lock, Speaker 2 x 2W	
			Vesa Mounting: 100 x 100 mm	
			Internal Power: 100-240V, 50-60Hz	
			FreeSync	
			Adjustment Tilt: -3.5 degrees ~ 21.5 degrees	
2	pc	2	**500GB M.2 NVME Gen3 SSD**	
			◉*Capacity: 500 GB*	
			◉*Interface: PCIe Gen3 x4*	
			◉*Sequential Read Performance: 3430MB/s*	
			◉*Sequential Write Performance: 2600MB/s*	
			◉*Form Factor: M.2 2280*	
3	unit	2	**Automatic Voltage Regulator (AVR)**	
			100% Copper Motor	
			Servo-motor Control	
			Output Meter Display	
			Able to sustain high electricity fluctuations.	
			Time Delay Function: Long: 5 + 2min Short: 5 + 2sec	
			Output Capacity: 2000VA	
			3 Output Sockets: 110V (1 socket) / 220V (2 sockets)	
			Overvoltage protection: Internal circuit breaker	
4	unit	2	**Automatic Voltage Regulatory (AVR), 1500W, heavy duty**	
			◉*Input: 220volts*	
			◉*Power: 1500watts*	

			◉Output: 110-220 volts
			◉Range voltage 120v-220 volts
			◉Servo motor controlled
5	unit	4	**AVR, 500W (IC Controlled)**
			◉Power Output: 500 W
			◉Power Factor Correction (PFC): Active PFC with Value of 0.98
			◉Fan Type: 1 x 120 mm Smart and Silent Fan Control 22 dBA
			◉Safety Standards: FCC, CB, CCC, TUV, CE, C-tick, EMI, EMC, S-Intertek, CPT-AB15
6	unit	1	**Branded Desktop computer 13th Gen i7 or higher with 27" wide monitor**
			Processor:13th Gen Intel Core i7-13700KF 16cores & 24Threads or higher
			Graphics: NVIDIA GeForce RTX4060Ti 12GB GDDR6X or higher
			MEMORY: 32GB DDR5 48000MHz or higher
			STORAGE: 1TB PCIe 4.0 SSD or higher
			OPERATING SYSTEM: License Windows 11
			Wireless: WIFI 6 & Bluetooth 5.2
			Chassis Type: Vertical
			Power: 8 Phase 253W & 550W power adapter
			Motherboard: Z790 Chipset
			27-inch Monitor, Brightness 350 cd/m2 (typical), Panel Type VA, Maximum Resolution 2560 x 1440
			Includes branded keyboard and mouse
			UPS, 800VA
7	set	3	**Canon Pixma Ink Bottle,GI-71(Black, Cyan, Magenta, Yellow)**
			Black - 135ml per bottle
			Colored - 70ml per bottle
			Set includes all four colors
			Compatible with: Canon Pixma G1020 Canon Pixma G2020 Canon Pixma G3020 Canon Pixma G3060
8	unit	2	**Computer Printer 3-in-1**
			◉with CIS Filled with Inks
			◉Compact integrated tank design
			◉High yield ink bottles
			◉Spill-free, error-free refilling
			◉Wi-Fi, Wi-Fi Direct
			◉Borderless printing up to 4R
9	unit	11	**Computer Printer, All-in-One/Multifunction Colored-Ink Tank**
			◉Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour
			◉Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles
			◉Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices
			◉3-in-1: Print, copy & scan and borderless photo printing

			◉Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color
			◉Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology
			◉Ink Technology: Dye Ink
			◉Printing Resolution: 5,760 x 1,440 DPI
10	set	1	**Desktop Computer (i3, 11th Gen) (Assembled)**
			◉Processor: Intel Core i3-11300 (4 cores /8 threads) or higher
			◉Motherboard: Intel H510M Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1200
			◉8GB DDR4 2933 DIMM Desktop Memory or higher
			◉SSD: 240GB NVMe or higher
			◉Keyboard and Mouse Combo
			◉Casing with Power Supply
			◉Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 /Refresh Rate: 60 Hz,
			◉Operating System: Genuine Windows 10 Home (OEM)
			◉AVR: 500W IC controlled
11	set	6	**Desktop Computer w/ Monitor, Assembled, Core i5 12Gen, 8GB RAM, GTX 1050Ti**
			Processor: Intel® i5-12400 Total Cores: 6, Threads: 12, Max Turbo Frequency: 4.40Ghz, Performance Core Base Frequency: 2.5Ghz, Cache: 18MB, Processor Graphics: Intel® UHD Graphics 730 or higher
			Motherboard: Intel® B660 Express Chipset, Supports 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+2+1 Phases Hybrid Digital VRM with MOS Heatsink, Fast 2.5 GbE GAMING LAN with Bandwidth Management or higher
			RAM: 8GB DDR4 3200 MHz CL16, Intel® XMP-ready and XMP Certified, Low-profile heat spreader design or higher
			SSD: 512 GB M.2 2280 Form Factor PCIe Gen3x4 Interface, read up to :1700 MB, write up: 1550 MB/s or higher
			HDD: 1TB 7200 RPM, 16MB Cache or higher
			Casing: mATX/ATX casing with transparent acrylic side panels and Cooler Fan Support: front panel 3*120mm/top 2*120mm/rear 1*120mm
			Graphics Processor: Nvidia GTX 1050 TI 4GB GDDR5 128 bit(DVI/HDMI/DP)
			PSU:550w, True Rated Power Supply 80 plus Bronze Rated PSU for Micro ATX and ATX casing or higher
			Monitor: 24" In Plane Switching (IPS), Full HD 1920x1080 Resolution, Response Time: 5ms, Refresh Rate: 75Hz, Brightness: 250 cd/m2
			Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes keyboard and full-sized ambidextrous optical mouse
			Operating System: Genuine Windows 10 or higher
12	set	1	**Desktop Computer, with Monitor, Core i5 12th Gen, 8GB**

			RAM (Assembled)	
			◉*Processor: 12th Generation Intel® Core™ i5-12400 Processor(2.50 GHz up tp 4.40 GHz) or higher*	
			◉*Motherboard: Intel® H610 Express Chipset Micro ATX Motherboard, with 6+1+1 Hybrid Digital VRM, High quality capacitors and Anti-sulfur resistors or higher*	
			◉*Operating System: Genuine Windows 11 Home 64*	
			◉*Memory: 8 GB DDR4-3200MHz (UDIMM) or higher*	
			◉*Graphics: Integrated Graphics*	
			◉*SSD: 256 GB SSD M.2 2280 PCIe or higher*	
			◉*Casing: mATX casing*	
			◉*Power supply: at least 450W, True Rated 80+ Bronze*	
			◉*Monitor: 24" FHD (1920 x 1080) IPS Monitor, NTSC 72%, 5ms response time, 60Hz*	
13	unit	3	**Desktop, All-in-One (AIO), 24" Monitor**	
			approximately 24" Monitor	
			Core i5 12th Gen	
			8GB RAM	
			256GB M.2 NVME & 1TB HDD	
			LAN, WiFi, Bluetooth, Camera, HDM Out 2x	
			Built-in Speakers	
			Windows 11, MS Office Ready	
			with USB Keyboard and Mouse	
14	unit	3	**Document Scanner and Camera, Portable, A3 Capture Size**	
			A3 Capture Size	
			Multi-language	
			*Optical Resolution: 3664*2744*	
			Output formats: Excel, PDF, PDF searchable, Text, JPG, Word System	
			Scan Speed: less than 2s	
			Frame rate: MJP 15ftps	
15	unit	1	**Dual-Sided Thermal ID Card Printer**	
			Dual Sided Printing	
			Direct Dye-Sublimation	
			Edge to Edge	
			300 dpi (Colour & Mono); 600dpi & 1200dpi (Mono only)	
			Automatic Card Feeding	
			ISO CR80 or ISO CR79 (Option-Factory installed)	
			0.38mm (15mil) ~ 1.0mm (40mil)	
			PVC, PET, Composite PVC	
			Monochrome - 5 sec/card (720 cards/hour)	
			YMCKOK - Max. 22 sec/card (164 cards/hour)	
			Input Card Hopper - 100 Cards / 200 Cards with cover open	
			Output Card Hopper - Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker)	
			64MB RAM Memory	
			Interface - 2 Line LCD / 2 LED Buttons	
			Supported Platforms - Microsoft Windows 7/8/10, Mac OS,	

			Linux
			Communication - USB, Ethernet (Option), WiFi (Option)
			Power Supply - Free Voltage (AC100/220V, 50~60Hz)
			Power Consumption - 48W
16	btl	40	**Epson 003 Ink Bottle for Epson L3150, Black**
17	btl	40	**Epson 003 Ink Bottle for Epson L3150, CYAN**
18	btl	40	**Epson 003 Ink Bottle for Epson L3150, MAGENTA**
19	btl	40	**Epson 003 Ink Bottle for Epson L3150, YELLOW**
20	set	1	**Epson 188 Black, Cyan, Yellow & Magenta Ink Set of 4 Colors**
			DURAbrite Ultra Ink
			Max Economy for prints
			Print up to A3+
			Mobile printing with Epson Connect
			For use on WF-7111 / WF-7611 / WF-7211 / WF-7711
			Average page yield for black ink cartridge: 2,200 pages
			Average page yield for colour ink cartridge: 1,100 pages
21	unit	1	**External Hard Disk Drive (Portable, 1TB), USB 3.1**
			◉*Shock-absorbing*
			◉*Interface: USB 3.1 (Max.5Gb/s)*
			◉*Capacity: 1TB*
			◉*Texture: Plastic/Rubber*
			◉*Operating Voltage: DC 5V, 900mA*
			◉*System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later*
22	unit	2	**External Hard Disk Drive (Portable, 2TB), USB 3.1**
			◉*Shock-absorbing*
			◉*Interface: USB 3.1 (Max.5Gb/s)*
			◉*Capacity: 2TB*
			◉*Texture: Plastic/Rubber*
			◉*Operating Voltage: DC 5V, 900mA*
			◉*System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later*
23	unit	1	**External Hard Drive, 1 TB**
			Capacity: 1TB
			Connection interface: USB 2.0/3.0
			Storage Media: 2.5" SATA HDD
			Op. Voltage: USB DC 5V
			Size :129.5mm x 82.4mm x 20.4mm
			Weight: 216g
25	pc	2	**Flash Drive, 128GB, USB 3.0**
			◉*Capacity:128GB*
			◉*Interface: USB 3.0*
			◉*Speed: 100MB/s read, 10MB/s write*
26	pc	20	**Flash Drive, 16 GB capacity**
27	unit	10	**Gaming Chair with Footrest, XL Size**
			Recline 90°~170°
			Weight Capacity: up to 180KG

			Suitable for people with a height between 160cm-190cm
			Alloy frame is covered in quality hand-sewn PU leather
			Wider Seat + 5 Inches of High-density Foam
			Class 4 gas cylinder
			Configuration: Adjustable Seat Height + highly flexible head pillow + lumbar support
			Controllable Rocking + Retractable Footrests: Perfect for relaxing during breaks
28	pc	18	**GS CONFERENCE ROOM GOOSENECK MICROPOHNES**
			★Feature:
			1. 8 UHF Gooseneck Wireless Microphone
			2. A wireless system designed for large meeting places
			3. Flexible gooseneck, you can adjust to the best angle.
			4. Independent mic volume control
			5. Metal receiver can connect to Amplifier, Mixer, or other PA system.
			6. Operation Range: distance up to 200 Feet (60 Meters) ★Specification: Channel group number: PLL phase locked frequency Shock mode: ±0.005%（100-50） Carrier frequency band: 20MHz Frequency band width: when the offset is equal to 40KHz, enter the V6dB,S/N80dB Sensitivity: ±25KHz Maximum deviation: ±95dB(1KHz-A) Integrated S/N ratio: 100Hzk-18Hz 3dB with low frequency attenuation filter circuit Integrated frequency response: XLR balanced outlet independent Output and 6.3 unbalanced outlet mixed output Resistance to receive distance DC power supply 12-15VDC 0.5A ★Package Included: UHF wireless microphone receiver*1 Gooseneck Microphone*8 Microphone windshield *8 Antennas*4 Power Adapter*1 Audio cable 6.5mm*1 User Manual*1
29	unit	4	**Hard Drive, Internal-SATA, 3.5"**
			Enterprise-level server and storage HDD
			3.5" Form Factor
			18TB Storage Capacity
			SATA 6GBPS Interface
			7200 rpm Spindle Speed
			512 MB Buffer Size
			512e Sector Size Compatibility
			equipped with Self-Monitoring, Analysis, and Reporting Technology (SMART) features for real-time monitoring
			3-year Manufacturer Warranty
			Factory Sealed
30	pc	35	**HDMI to HDMI cable, 2M**
			2M Length
			Resolution: 4K 60Hz/4K 30Hz/1080P 60Hz
			Version: HDMI 2.0
			Connector: HDMI male
			Connector: Gold Plated
			Cable jacket: PVC

31	unit	2	**Headset with Noise Cancelling Mic**	
			◉*Input Impedance: at least 32 Ohms*	
			◉*Sensitivity (headphone):at least 94 dBV/Pa +/- 3 dB*	
			◉*Sensitivity (microphone): -17 dBV/Pa +/- 4 dB*	
			◉*Frequency response (Headset): 20 Hz - 20 KHz*	
			◉*Frequency response (Microphone): 100 Hz - 10 KHz*	
			◉*Cable Length: at least 7 ft*	
			◉*Connections: USB-A compatible (1.1, 2.0, 3.0), USB port 1Type A port or adapter*	
32	unit	8	**Headset, USB Wired, Noise Cancelling, Rotatable Mic. Boom**	
			Lightweight Design	
			Superior Ear Cushions	
			Noise Cancelling Unidirectional Mic. and Rotatable Mic. Boom	
			Volume Switch and High Performance	
			Equipped with Digital Signal Processing Stereo Chipset	
			40mm HD Driver Speaker Unit	
			Headset Frequency Response: 20Hz-20KHz	
			105dB Sensitivity	
			32-ohm Impedance	
			Microphone Frequency Response: 100Hz-10KHz	
			-44dB Sensitivity	
			USB Wired	
			With 1-Year Manufacturer Warranty	
33	pc	15	**HP, Laser Jet 107a Toner HP 107A (W1107A), Black**	
34	pc	15	**HP, Laser Jet Pro M15W Toner HP 48A (CF248A), Black**	
35	btl	5	**Ink HP GT52 Cyan (C), Genuine**	
36	btl	5	**Ink HP GT52 Magenta (M), Genuine**	
37	btl	5	**Ink HP GT52 Yellow (Y), Genuine**	
38	box	5	**INK HP GT53XL 135 ML BLACK**	
39	btl	20	**Ink, Brother BT5000C Cyan**	
40	btl	20	**Ink, Brother BT5000M Magenta**	
41	btl	20	**Ink, Brother BT5000Y Yellow**	
42	btl	20	**Ink, Brother BTD60BK, Black**	
43	btl	191	**Ink, Epson 003,Genuine Black 65mL**	
44	btl	105	**Ink, EPSON 003,Genuine Cyan 65mL**	
45	btl	115	**Ink, EPSON 003,Genuine Magenta 65mL**	
46	btl	117	**Ink, EPSON 003,Genuine Yellow 65mL**	
47	tube	10	**Ink, EPSON T9481 XL for WF-C878R Printer, Black**	
48	tube	10	**Ink, EPSON T9481 XL for WF-C878R Printer, Cyan**	
49	tube	10	**Ink, EPSON T9481 XL for WF-C878R Printer, Magenta**	
50	pc	1	**Ink, Epson, genuine (C) T664, 70 ml**	
51	pc	1	**Ink, Epson, genuine (M) T664, 70 ml**	
52	pc	24	**Ink, Epson, genuine, (BK) T664, 70 ml**	
53	pc	1	**Ink, Epson, genuine, (Y) T664, 70 ml**	
54	tube	10	**Ink. EPSON T9481 XL for WF-C878R Printer, Yellow**	
55	set	6	**Keyboard And Mouse Combo Bundle, USB powered**	

			◙Keyboard
			◄Keycaps: A-Shape, Round Edge
			◄Hotkeys: No
			◄Character: Laser Engraving
			◄Adjustable Keyboard Legs: Yes
			◄Rating: 5 V / 30 mA
			◙Mouse
			◄Report Rate: 125 Hz
			◄Sensor: Optical
			◄Resolution: 1000 DPI
			◄Rating: 5 V / 100 mA
			◄Buttons No.: 3
			◄Ergonomic Design: Symmetric
			◄Size: Middle / Big Hands
56	unit	2	**Laptop 14" (i5)**
			◙Processor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher
			◙Operating system: Windows 10 Home
			◙Memory: 4GB memory, 1 x SO-DIMM socket (for expansion) or higher
			◙Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC
			◙Video Processor: NVIDIA GeForce MX330 , with 2GB GDDR5 VRAM or higher
			◙Storage: 512GB PCIe Gen3 x2 SSD
			(with Bag)
57	pc	2	**Laptop Charger, Universal, 8-in-1**
			◙Input voltage:AC110-AC240V 50/60Hz Auto-Volt
			◙Output wattage:96W
			◙Output volatges:12V/15V/16V/18V/19V/20V/24V Output current:(12V/15V/16V/18V/19V)4.5A,(20/24V) 4A, (USB)2.1A
			◙With Voltage indicator
			◙Output Tip A:Φ6.3xΦ4.0mm For Sony/Fujitsu/Samsung laptops.
			◙Output Tip B:Φ6.0xΦ3.0mm For Toshiba/NEC laptops.
			◙Output Tip C:Φ5.0xΦ2.5mm For Liteonit/Fujitsu/HP laptops.
			◙Output Tip D:Φ5.5xΦ2.1mm For Compaq laptops.
			◙Output Tip E:Φ5.5xΦ1.7mm For Sony/Acer laptops.
			◙Output Tip F:Φ4.8xΦ1.7mm For Asus laptops.
			◙Output Tip G:Φ4.0xΦ1.7mm For Sony/Asus/Acer laptops.
			◙Output Tip H:Φ3.5xΦ1.35mm For Sharp/Dell laptops.
58	unit	1	**Laptop, 16", 16GB**
			CPU: AMD Ryzen 7 7735H or higher
			GPU: AMD Radeon Graphics or higher
			RAM: 16G LPDDR5 6400MHz, Dual M.2 SSD Slots or higher
			Storage: 512G SSD PCIE4.0 or higher

			Screen: 16" 2.5K 100%sRGB, 2560x1600, Free Sync, 120Hz Refresh Rate, 350 nit Brightness, 1200:1 Image Contrast
			Power Consumption: 65W
			WiFi 6E, 2-in-1 Audio Jack, USB 3.2, USB-A, SD Card Reader, Type-C, HDMI 2.1,
			with Fingerprint Reader and Glowing Tail Lights
			White Backlit Keyboard
			75Wh Li-Polymer Battery - 100W PD Fast Charge
			Thin and Light Metal Design
			1.9kg
			(with Bag)
59	unit	1	**Laptop, AMD Ryzen 5 4500U, 14" FHD**
			◉Processor: CPU AMD Ryzen 5 4500U or higher
			◉Graphics: AMD Radeon Graphics or higher
			◉Display: 14" 1920x1080 IPS FHD LED 250NITS
			◉Memory: 16GB DDR4 3200MHZ(8+8) or higher
			◉Storage: 512g SSD M2 or higher
			◉Keyboard and Touchpad: No backlit
			◉Audio: HD audio Realtek
			◉Camera: 720PHD CAM
			◉Wireless Connectivity: Wi-Fi 6 BT5.0
			(with Bag)
			◉Battery and Power: 45W BATTERY
			◉Operating System: Genuine Windows 10
60	unit	1	**Laptop, Intel Core i5 10th Gen , 15.6" FHD**
			◉Processor: Intel Core i5 10th gen processor or higher
			◉Memory: 16GB DDR4 2400MHz or higher
			◉Display: 15.6-inch full HD IPS 1920x1080 screen
			◉Graphics card: NVIDIA Geforce MX350 2GB (GDDR5 video memory) or higher
			◉SSD: 512GB NvME M2
			◉Network: wireless network card dual-band dual-antenna 802.11.ax (support 5G network); Bluetooth Bluetooth5.0
			◉Operating System: Genuine Windows 10
			(with Bag)
61	pc	2	**Laptop, Touchscreen, Core i5, 13.3"**
			Intel Core i5 at least 10th Generation with Intel UHD Graphics 620 (4 cores 8 threads, base clock speed 1.6 GHz, Turbo Boost up to 3.9 GHz, 6 MB L3 Cache) or higher
			at least 16GB DDR4 RAM
			at least 256GB PCIe NVMe M.2 SSD
			13.3" diagonal FHD IPS (1920x1080) Touchscreen, Intel AX200 Wi-Fi 6 (2x2) and Bluetooth 5 Combo
			2 xUSB 3.1 gen1 Type-C Thunderbolt 3 (1xcharging), 2 x USB 3.1 gen1 Type-A, 1xAudio Combo Jack, 1xHDMI 1.4
			Operating System - Licensed Windows 10 Pro
			(with Bag)
62	unit	2	**Laser Printer, High Speed Single Function Printer with**

			Automatic 2-sided Printing and Wireless Connectivity
			FUNCTIONS: Print
			PRINTER TYPE: Laser Printer
			PRINT SPEED: Up to 36 pages/minute (Letter size), Up to 34 pages/minute (A4 size)
			PAPER SIZE: A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Folio
			Print RESOLUTION: 600 x 600 dpi, HQ1200 (2400 x 600 dpi) quality, 1200 x 1200 dpi. 2-SIDED - PAPER TYPE
			Plain Paper, Thin Paper, Recycled Paper,Thick Paper 2-SIDED - PAPER SIZE A4
			PAPER INPUT - PAPER TRAY #1 - MAXIMUM PAPER CAPACITY Up to 250 sheets of 80 g/m2 plain paper
			PAPER INPUT - MULTI-PURPOSE TRAY: 1 sheet
			PAPER OUTPUT: Up to 150 Sheets of 80 g/m2 Plain Paper (face-down delivery to the face-down output paper tray)
			Connectivity USB USB 2.0
			LAN: 10BASE-T / 100BASE-TX
			WIRELESS LAN: IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode)
			IEEE 802.11g/n (Wi-Fi Direct)
63	unit	2	**LCD Projector (XGA), 3LCD Technology**
			◉Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology
			◉White Light Output (Normal/Eco):3,600 lm
			◉Colour Light Output:3,600 lm
			◉Resolution XGA, at least 1024 x 768,
			◉Analog Input:D-Sub 15pin: 1
			◉Digital Input:HDMI: 1
			◉LCD:Native Resolution: XGA (1024 x 768)
			◉Size: 0.55" (C2fine)
			◉Lightsource:Type: 210W UHE
			◉Life (Normal / Eco): 6,000 / 12,000 hours
			◉Aspect Ratio:4:3
			◉USB Interface:USB Type B: 1 (For Firmware Update, Copy OSD Settings)
			◉Analog Input:D-Sub 15pin: 1
			◉Digital Input:HDMI: 1
64	unit	11	**LCD Projector, 3LCD Technology**
			Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology
			White Light Output (Normal/Eco):3,600 lm
			Colour Light Output:3,600 lm
			Resolution XGA, at least 1024 x 768,
			Analog Input: D-Sub 15pin: 1
			Digital Input: HDMI: 1
			LCD: Native Resolution: XGA (1024 x 768)
			Size: 0.55" (C2fine)
			Light source: Type: 210W UHE

			Life (Normal / Eco): 6,000 / 12,000 hours
			Aspect Ratio:4:3
			USB Interface: USB Type B: 1 (For Firmware Update, Copy OSD Settings)
			Analog Input: D-Sub 15pin: 1
			Digital Input: HDMI: 1
65	pc	3	**Maintenance Box, EPSON, WF-C869R**
			Replacement parts for EPSON Photocopier.
66	pc	4	**Presentation Clicker/Pointer**
			R400 2.4 GHz USB-Receiver Red Laser Pointer Wireless Presentation Remote
67	unit	3	**Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)**
			◉*Tank Ink System*
			◉*Printer Type: Print, Scan and Copy*
			◉*Scanner Type: Flatbed colour image scanner*
			◉*Sensor Type: CIS*
			◉*Optical Resolution: 600 x 1200 dpi*
			◉*Copy Speed: Maximum Copies from Standalone: 20 copies*
			◉*Maximum Copy Size: A4, Letter*
			◉*ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm*
			◉*Max Copy Resolution: 300 x 300 dpi*
			◉*Paper Handling: Up to 20 Sheets-Premium Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard*
			◉*Output Capacity: Up to 30 sheets*
			◉*A4 plain paper: 20 sheets, Premium Glossy Photo Paper*
			◉*Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")*
			◉*Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)*
			◉*Print Direction: Bi-directional printing*
			◉*Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)*
			◉*Minimum Ink Droplet Size: 3 pl*
68	pc	1	**Projector Screen**
			◉*manual pull-down with a speed control mechanism*
			◉*Ceiling/Wall Mount*
			◉*Aspect Ratio 16:9*
			◉*Screen Height at least 2030mm*
			◉*Screen at least Width 1145mm*
			◉*Metal casing*
69	box	5	**PVC Card Blank, 500 pc/box, Smart ID Machine, Plain White**
70	box	5	**PVC Card Blank, 500 pc/box, Smart ID Machine, with MAGSTRIPE**
71	unit	4	**Rechargeable Wireless Keyboard and Mouse Set**
			◉*Rechargeable Office Wireless Keyboard and Mouse Set*
			◉*Size: 284*121*16.mm*

			◉Weight: 280g
			◉Connection method: USB receiver/Bluetooth
72	pc	10	**Ribbon Cartridge EPSON LX-310**
73	pc	15	**Ribbon Cartridge EPSON S015639**
			◉Ribbon Cartridge S015639 for EPSON LQ-310 printer
74	unit	4	**Solid State Drive, Internal, 2.5", 1TB**
			SATA Rev. 3.0 (6GB/s) with backward compatibility to SATA Rev. 2.0 (3GB/s)
			Up to 500MB/s read and 450MB/s write or better
75	set	1	**Special SAM Broadcaster PRO Version 2022 or latest Version, License Radio Software**
77	unit	5	**System Unit (CPU), Core i7 8GB RAM (Assembled)**
			CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher
			SDD: 256GB M.2 PCIe NVMe Solid State Drive or higher + 1TB 7200 rpm 3.5" SATA Hard Drive or higher
			RAM: at least 8GB (8GBx1) DDR4 2666MHz or higher
			Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5 or higher
			ATX casing with 700W PSU
			With genuine Microsoft Office license.
			OS: at least Windows 10
79	box	54	**Toner Cartridge, HP 85A	CE285A, Black**
			HP 85A (CE285A) toner cartridges work with: HP LaserJet Pro M1212nf, M1217nfw, P1102w, P1109w
			HP 85A toner cartridge yield (approx.): 1,600 pages. Operating temperature range is 10 to 32.5°C
80	unit	1	**Ubiquiti Unifi HD Access Point 802.11 AC Wave 2 MU-MIMO Indoor (UAP-AC-HD)**
			◉Networking Interface (2) 10/100/1000 Ethernet Ports Buttons Reset Power Method 802.3at PoE+ Supported Voltage Range 44 to 57VDC
			◉Power Supply UniFi Switch (PoE) Power Save Supported Beamforming Supported Maximum Power Consumption 17W TX Power 2.4 GHz 5 GHz 6-25 dBm 6-25 dBm Antennas 2.4 GHz 5 GHz (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF BSSID Up to 8
			◉Radio Mounting Wall/Ceiling (Kits Included)
			◉Operating Temperature -10 to 70° C (14 to 158° F)
			◉Operating Humidity 5 to 95% Noncondensing
			◉Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 1000+ Supported Data Rates (Mbps)Standard Data Rates 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40) 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) 802.11b 1, 2, 5.5, 11

			Mbps 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps
			◉*Should be compatible with the existing fleet of Unifi Access Points and Controller*
81	unit	2	**Ubiquiti Unifi HD Access Point 802.11 AC Wave 2 MU-MIMO Indoor / Outdoor High Density Access Point**
			◉*Networking Interface (2) 10/100/1000 Ethernet Ports Buttons Reset Power Method 802.3at PoE+ Supported Voltage Range 44 to 57VDC*
			◉*Power Supply UniFi Switch (PoE) Power Save Supported Beamforming Supported Maximum Power Consumption 17W TX Power 2.4 GHz 5 GHz 6-25 dBm 6-25 dBm Antennas 2.4 GHz 5 GHz (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF BSSID Up to 8*
			◉*Radio Mounting Wall/Ceiling (Kits Included)*
			◉*Operating Temperature -10 to 70° C (14 to 158° F)*
			◉*Operating Humidity 5 to 95% Noncondensing*
			◉*Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 1000+ Supported Data Rates (Mbps)Standard Data Rates 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40) 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) 802.11b 1, 2, 5.5, 11 Mbps 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps*
			◉*Should be compatible with the existing fleet of Unifi Access Points and Controller*
82	unit	6	**UPS (with built-in AVR) by per unit price**
			Description:
			-CPU controlled
			-Advanced AVR technology
			-Surge protection
			-Battery backup
			-Auto charge in power off mode
			-Overload and short circuit protection
			-Resettable Fuse on back panel
			-LCD display and Audible alarm
			-3000VA
			-4 Outlets
			-Up to 120 Minutes Runtime
			-AVR
			Specifications:
			Input: Voltage: 220V
			Voltage Range: 175-275V
			Frequency: 50Hz/60Hz
			Output: Capacity (Total): 3000VA/1800W
			Voltage (On Battery): 220V+-5%

			Frequency: 50Hz/60Hz Sync with Utility Power
			Transfer Time: 2-6ms Typical
			Wave Form: Simulated Sine Wave
			Connection: Universal Outlet x4
			Battery: Type: Maintenance-Free Sealed Lead-Acid
			Capacity: 12v/9AHx4
			Recharging Time: 8Hours > 90%
			Back up Time (1PC): Up to 120 minutes (Depending on Load)
83	unit	11	**UPS 800W (for Computer)**
			◉Charging time: At most 4 hours
84	pc	4	**UPS, at least 500 w**
			Recharging Time: at most 4 Hours;
85	unit	11	**UPS, at least 800 watts**
			◉Recharging Time: at most 4 Hours;
86	box	4	**UPS, Box of 4, 1500VA/900W, 6 Universal Sockets**
			1500 VA / 900W
			LCD Front Panel Display
			12V / 8AH
			6 Universal Sockets
			Microprocessor-Based Digital Control
			220-240V Input-Output Voltage
			50-60 Hz
			Overload and Short Circuit Protection
			Auto charging at off mode
			1-year Manufacturer Warranty
87	pc	4	**USB Hub, 4 gangs**
			MS Universal USB 3.0 Multi-Port Socket at least 4 ports
			Plug type: US, EU
88	unit	2	**Hard Drive, External, 2TB, USB 3.0, 5.0 Gbit/s Transfer Rate or Better**
89	unit	6	**VOIP Phone**
			Audio Features
			• HD voice: HD handset, HD speaker
			• Smart Noise Filtering
			• Narrowband codec: PCMU (G.711A), PCMA (G.711μ), G.723.1, G.729, G.729A, G.729B, G.729AB, G.726, iLBC
			• DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
			• Full-duplex hands-free speakerphone with AEC
			• VAD, CNG, AEC, PLC, AJB, AGC
			Phone Features
			• 2 VoIP accounts
			• Call hold, mute, DND
			• One-touch speed dial, hotline
			• Call forward, call waiting, call transfer
			• Group listening, SMS, emergency call

			• Redial, call return, auto answer	
			• Local 5-way conferencing	
			• Direct IP call without SIP proxy	
			• Ring tone selection/import/delete	
			• Set date time manually or automatically	
			• Dial plan	
			• XML Browser, action URL/URI	
			• Integrated screenshots	
			• RTCP-XR, VQ-RTCPXR	
			• Enhanced DSS Key	
			Directory	
			• Loal phonebook up to 1000 entries	
			• Black list	
			• XML/LDAP remote phonebook	
			• Smart dialing	
			• Phonebook search/import/export	
			• Call history: dialed/received/missed/forwarded	
			IP-PBX Features	
			• Busy Lamp Field (BLF), Bridged Line Apperance (BLA)	
			• Anonymous call, anonymous call rejection	
			• Hot-desking, voice mail	
			• Flexible seating	
			• Call park, call pickup	
			• Executive and Assistant	
			• Centralized call recording	
			• Visual voice mail	
			• Call recording	
			Display and Indicator	
			• 2.3" 132x64-pixel graphical LCD with backlight	
			• LED for call and message waiting indication	
			• Dual-color (red or green) illuminated LEDs for	
			line status information	
			• Intuitive user interface with icons and soft keys	
			• Multilingual user interface	
			• Caller ID with name and number	
			• Power saving	
			Feature keys	
			• 2 line keys with LED	
			• 6 features keys: transfer, message, headset,	
			redial, mute, hands-free speakerphone	
			• 5 navigation keys	
			• Volume control keys	
			Interface	
			• Dual-port Gigabit Ethernet	
			• Power over Ethernet (IEEE 802.3af), class 1*	
			• 1 x RJ9 (4P4C) handset port	
			• 1 x RJ9 (4P4C) headset port	

			Other Physical Features
			• Color: Classic Grey
			• Wall mountable
			• External Yealink AC adapter
			AC 100-240 V input and DC 5 V/0.6 A output
			• Power consumption (PSU): 2-3 W
			• Power consumption (PoE): 3-4 W
			• Dimension (W x D x H x T):
			188 x 189 x 162 x 50 mm
			• Operating humidity: 10-95%
			• Operating temperature: -10 to +45°C (+14 to113°F)
			• Storage temperature: -30 to +70°C (-22 to+158°F)
			Management
			• Configuration: browser/phone/auto-provision
			• Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
			• Auto-provision with PnP
			• Zero-sp-touch, TR-069
			• Phone lock for personal privacy protection
			• Reset to factory, reboot
			• Package tracing export, system log
			Network and Security
			• SIP v1 (RFC2543), v2 (RFC3261)
			• Call server redundancy supported
			• NAT traversal: STUN mode
			• Proxy mode and peer-to-peer SIP link mode
			• IP assignment: static/DHCP
			• HTTP/HTTPS web server
			• Time and date synchronization using SNTP
			• UDP/TCP/DNS-SRV (RFC 3263)
			• QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
			• SRTP for voice
			• Transport Layer Security (TLS 1.3)
			• HTTPS certificate manager
			• AES encryption for configuration file (AES256)
			• Digest authentication
			• OpenVPN, IEEE802.1X, L2TP VPN
			• IPv6
			• LLDP/CDP/DHCP VLAN
			• ICE
			• WPA2/WPA3
			• Secure boot
			• GARP (Generic Attribute Registration Protocol)
			NOTE: Must be compatible with existing Yearstar S300 Server for auto provisioning
90	unit	1	**VOIP PHONE**
			◉*Data networking*

				◉MAC address (IEEE 802.3)	
				◉IPv4 (RFC 791)	
				◉Address Resolution Protocol (ARP)	
				◉DNS: A record (RFC 1706), SRV record (RFC 2782)	
				◉Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)	
				◉Internet Control Message Protocol (ICMP) (RFC 792)	
				◉TCP (RFC 793)	
				◉User Datagram Protocol (UDP) (RFC 768)	
				◉Real-Time Transport Protocol (RTP) (RFC 1889, 1890)	
				◉Real-Time Control Protocol (RTCP) (RFC 1889)	
				◉Differentiated Services (DiffServ) (RFC 2475)	
				◉Type of service (ToS) (RFC 791, 1349)	
				◉VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)	
				◉Simple Network Time Protocol (SNTP) (RFC 2030)	
				◉Voice gateway	
				◉SIP version 2 (RFC 3261, 3262, 3263, 3264)	
				◉SPCP with the Cisco Unified Communications 500 Series	
				◉SIP proxy redundancy: dynamic via DNS SRV, A records	
				◉Reregistration with primary SIP proxy server	
				◉SIP support in NAT networks (including STUN)	
				◉SIPFrag (RFC 3420)	
				◉Secure (encrypted) calling via SRTP	
				◉Codec name assignment	
				◉Voice algorithms:	
				◉G.711 (A-law and μ-law)	
				◉G.726 (16/24/32/40 kbps)	
				◉G.729 A	
				◉G.722	
				◉Dynamic payload support	
				◉Adjustable audio frames per packet	
				◉Dual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO)	
				◉Flexible dial plan support with interdigit timers	
				◉IP address/URI dialing support	
				◉Call progress tone generation	
				◉Jitter buffer: adaptive	
				◉Frame loss concealment	
				◉Comfort Noise Generation (CNG)	
				◉Voice activity detection (VAD) with silence suppression	
				◉Attenuation/gain adjustments	
				◉VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE	
				◉Caller ID support (name and number)	
				◉Third-party call control (RFC 3725)	
				◉Provisioning, administration, and maintenance	
				◉Integrated web server provides web-based administration and configuration	
				◉Telephone keypad configuration via display	

			menu/navigation
			◉*Automated provisioning and upgrade via HTTPS, HTTP, TFTP*
			◉*Asynchronous notification of upgrade availability via NOTIFY*
			◉*Nonintrusive in-service upgrades*
			◉*Report generation and event logging*
			◉*Statistics transmitted in BYE message*
			◉*Syslog and debug server records: configurable per line*
			◉*Power supply*
			◉*1Power supply is optional and is purchased separately*
			◉*Models: Cisco PA100-NA, PA100-EU, PA100-UK, PA100-AU*
			◉*Switching type (100-240V) automatic*
			◉*DC output voltage: +5 VDC at 2.0A maximum*
			◉*Power adapter: 100-240V 50-60 Hz (26-34 VA) AC input*
			◉*Physical interfaces*
			◉*Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)*
			◉*Handset: RJ-9 connector*
			◉*Built-in speakerphone and microphone*
			◉*Headset 2.5mm jack*
			◉*Indicator lights/LEDs*
			◉*Speakerphone on/off button with LED*
			◉*Headset on/off button with LED*
			◉*Mute button with LED*
			◉*Message waiting LED*
			◉*Body dimensions (W x H x D)*
			◉*8.42 x 8.35. x 1.73 in. (214 x 212 x 44 mm)*
			◉*Unit weight*
			◉*2.00 lb (0.9 kg)*
			◉*Operating temperature*
			◉*32º ~ 104ºF (0º ~ 40ºC)*
			◉*Storage temperature*
			◉*-4º ~ 158ºF (-20º ~ 70ºC)*
			◉*Operating humidity*
			◉*5% to 95% noncondensing*
			◉*Storage humidity*
			◉*5% to 95% noncondensing*
			◉*Should be compatible with existing fleet of VSU IP Phones*
91	unit	5	**VoIP, Telephone**
			Features
			Display: White backlit, greyscale, 3.5-inch (396x162 pixels) display
			Call Appearance:16 voice lines
			Fixed Feature Buttons: Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute
			Navigation Keys: Two-way navigation and select keys
			Programmable Line/Feature Keys: 16 programmable keys

			that support either lines (such as directory numbers), or call features (such as speed dialing).
			Programmable Softkeys: 4 buttons
			Button Module Expansion: No
			Speakerphone: Includes high-quality, 2-way speakerphone
			Audio: Wideband audio enhances clarity with the handset, speaker, or headset
			Codecs: G.711 (A-law and m-law), G.722.2, G.722, G.729ab, ILBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)
			Wall-Mountable: Yes, requires optional Cisco 7800 Series Wall Mount Kit
			Ethernet Connectivity: Dual Ethernet (10/100) line interface (PC Pass Through & Network Connection)
			Headset Port: Includes RJ9 headset port with EHS support
			Message Waiting Indicator: Yes
			Adjustable Tilt Display: No
			Network Security: Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography
			POWER REQUIREMENTS
			Supports 802.3af Power-over-ethernet (PoE)
			Can also be powered via optional power adapter if PoE is not available on your network (power supply sold separately – see accessories above)
			System Compatibility
			MUST have with Multiplatform Phone Firmware
			Compatible with existing VSU fleet
92	pc	15	**Web Camera for Laptop and Desktop**
			◉*About 360 degrees, rotate up and down 45 degrees, you can adjust the angle.*
			◉*With clips for laptops and desktops.*
			◉*Sensor pixels: 2 million*
			◉*Interface: USB 2.0*
			◉*Frame rate: 30 FPS*
			◉*Image sensor: CMOS*
			◉*Brightness/color: automatically adjusts*
			◉*Additional features: built-in microphone*
93	unit	1	**Wireless Access Point**
			◉*Networking Interface (1) 10/100/1000 Ethernet Port*
			◉*Buttons Reset*
			◉*Power Method 802.3af PoE*
			◉*Power Supply UniFi Switch (PoE)*
			◉*Power Save Supported*
			◉*Beamforming Supported*

			◉Maximum Power Consumption 10.5W
			◉Supported Voltage Range 44 to 57VDC
			◉TX Power
			◉2.4 GHz
			◉5 GHz
			◉23 dBm
			◉26 dBm
			◉MIMO
			◉2.4 GHz
			◉5 GHz
			◉2x2
			◉4x4
			◉Radio Rates
			◉2.4 GHz
			◉5 GHz
			◉300 Mbps
			◉1733 Mbps
			◉Antennas
			◉2.4 GHz
			◉5 GHz
			◉(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each
			◉(2) Single-Port, Dual-Polarity Antennas, 3 dBi each
			◉Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2
			◉Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF
			◉BSSID 8 per Radio
			◉Mounting Wall/Ceiling (Kits Included)
			◉Operating Temperature -10 to 70° C (14 to 158° F)
			◉Operating Humidity 5 to 95% Noncondensing
			◉Certifications CE, FCC, IC
			◉Advanced Traffic Management
			◉VLAN 802.1Q
			◉Advanced QoS Per-User Rate Limiting
			◉Guest Traffic Isolation Supported
			◉WMM Voice, Video, Best Effort, and Background
			◉Concurrent Clients 200+
			◉Supported Data Rates (Mbps)
			◉Standard Data Rates
			◉802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps
			◉802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
			◉802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)
			◉58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)
			◉802.11b 1, 2, 5.5, 11 Mbps
			◉802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps
			◉Should be compatible with existing UniFi Controller
94	pc	2	**Laser Presentation Remote / Wireless Presenter, Black**

			◉Wave Length: 640～660nm (red light)	
			◉Battery type: 2 AAA batteries	
			◉Battery life (Laser pointer): 20-hour maximum	
			◉Battery life (Presenter): 1050-hour maximum	
			◉Wireless operating distance: Approx 10m	
			◉1.49 in (37.8 mm) x 4.55 in (115.5 mm) x 1.08 in (27.4 mm)	
			◉0.65 in (16.5 mm) x 2.31 in (58.6 mm) x 0.31 in (7.9 mm)	
			◉Windows Vista, Windows 7, Windows 8	
			◉Wireless mini-receiver	
			◉2 AAA batteries	
			◉Carrying case	
			◉Quick-start guide	
95	pair	3	**Multimedia Speakers 2.0, 6W, USB powered**	
			Total Output Power (RMS): 6W	
			Satellite wattage (RMS):3W	
			Satellite Driver : Size : 2.5"	
			Frequency Range: 70-20000 Hz	
			Interface: 3.5mm jack	
			Housing material : ABS	
			Controls: Overall Volume	
			Power Supply: via USB, 5V	
96	pcs	1	**Camera Battery**	
			Chemistry Lithium-Ion	
			Output Voltage 7.2 VDC	
			Capacity: 875mAh	
			Powers EOS M50 and M100 Cameras	
			For Rebel SL1 & PowerShot SX70 HS	
97	pc	7	**Ceiling fan**	
			◉Orbit type	
			◉metal blade 16"	
			◉three speed controller	
98	unit	1	**Audio Amplifier Two Channels**	
			Stereo output power 8Ω: 650Wattsx2	
			Stereo output power 4Ω: 1100Wattsx2	
			Total harmonic distortion: <0.01%	
			Signal-to-noise ratio: >105dB	
			Input impedance: balanced 20KΩ/unbalanced 10KΩ	
			Input sensitivity: 0db/1V	
			Voltage gain: adjustable, maximum 32dB (40 times)	
			Frequency response: 20Hz~20KHz ±0.15dB	
			Conversion rate: 50V/us	
			Channel isolation: 105dB (1KHz); 80dB (20KHz)	
			Damping coefficient: 80/1KHz ＞ 250	
			Connector: Input: XLR female, TRS (1/4 inch) output terminal and Speaker socket	
			Indicator light: signal indicator, protection indicator, overheat protection, overload protection	

			AC input voltage: AC220V/50-60HZ
99	**pc**	**24**	**Computer Keyboard USB**
			◉*Standard Keyboard with 104 Keys*
			◉*USB Connection*
			◉*Low Profile Key Caps*
			◉*Minimum Key Noise*
			◉*Laser Printing for Key Layout*
			◉*Spill Resistant Design*
100	**pc**	**24**	**Computer Monitor 21.5", VA**
			Size: 21.5"
			Panel Type: VA
			Resolution: 1920x1080 (FHD)
			Refresh Rate: 75Hz
			Response Time: 5MS
			Interface: VGA, HDMI
			With a slim and 3-sided frameless design
			Flicker Free and Low Blue Mode eye protection technology
			VESA mount compatibility
101	**unit**	**2**	**Ethernet Switch, 16 Port, Gigabit**
			Standards and Protocols IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x
			Interface :16 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX)
			Network Media 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m)
			Fan Quantity Fanless
			Power Supply 100-240VAC, 50/60Hz
			Switching Capacity 32Gbps Packet Forwarding Rate 23.8Mpps
			MAC Address Table 8K Jumbo Frame 10KB
			Green Technology Yes
			Transfer Method Store-and-Forward
102	**unit**	**1**	**External Hard Disk Drive (Portable, 4TB), USB 3.1**
			◉*Shock-absorbing*
			◉*Interface: USB 3.1 (Max.5Gb/s)*
			◉*Capacity: 4TB*
			◉*Texture: Plastic/Rubber*
			◉*Operating Voltage: DC 5V, 900mA*
			◉*System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later*
103	**pc**	**5**	**HDMI Cable, 15M**
			Connector Type: HDMI
			Length:15m
			Bandwidth: 10.2Gbit/s.
			*Resolution: 4k*2k@60Hz, 4k*2k@30Hz, 1080P 3D.*
			Pure Copper
			4 standard protective layer shields interference, no delay, no flashing screen, and the picture is stable.

104	pc	58	**Mouse, Wired, Optical, USB**	
			◉*USB Port Connectivity*	
			◉*Sensor: Optical*	
			◉*DPI: 1600*	
			◉*Work method: Wired*	
			◉*Buttons: Left button, middle button, right button*	
			◉*Scroll wheel direction: Two way*	
			◉*Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design*	
105	pc	75	**Random Access Memory, DDR4, 3200Mhz, 8GB**	
			Memory Capacity: 8GB	
			Speed: 3200Mhz	
			Error Check: Non-ECC	
			Module Type: DIMM (For Desktop)	
			CAS Latency: CL22	
			Form Factor: DDR4	
			Pins: 288 Pin	
			Memory Voltage: 1.2V	
			JEDEC compliant and durability guaranteed	
106	box	3	**RJ 45, Passthrough, CAT6**	
			◉*100 pc/box*	
107	pc	1	**Camera Gimbal Stabilizer**	
			Camera Stabilizer 3-Axis Gimbal Handheld for DSLR Mirrorless Cameras Single,	
			• Grip Design: Single Handgrip (Slanted)	
			• Load Capacity: 4.85 lb / 2.2 kg	
			• Number of Axes: 3-Axis (Pitch (Tilt), Roll, Yaw (Pan))	
			• Wireless Frequency: Video: 2.4 GHz (2.4 - 2.483)	
			• Wireless Protocol: Bluetooth 5.0	
			• Mobile App Compatible: Yes: Android & iOS, App Name: DJI Ronin, Functionality: Adjust Settings, Remote Control, View Live Feed	
			• Mounting: 1 x 1/4"-20 Female, 1 x 3/8"-16 Female	
			• Weight: 2.43 lb / 1.1 kg (with Handlebar)	
			• Inputs/Outputs: 1 x USB-C (Power) Input, 1 x CAN (Control) Input, 1 x RSA Input	
			• Battery Type: 1 x Built-In	
			• Battery Capacity: 2450 mAh / 17.64 Wh	
			• Battery Runtime: 11 Hours	
			• Battery Charging Time: 2.5 Hours	
			• Battery Chemistry: Lithium-Ion Polymer (LiPo)	
			• Voltage: 7.2 VDC	
			• Key feature support: Three-Axis Motorized Gimbal Stabilizer	
			Force Mobile Smartphone Control	
			ActiveTrack 3.0 Subject Tracking	
			360° Panorama & Time-Lapse Control	

			USB Type-C & Bluetooth Control
			Motor Protection, Quick Release Slider
			Control & Configure via Android/iOS App
108	unit	1	**Camera Lens**
			Compatible to Brand: Canon
			EF 50mm f/1.8 STM Lens,
			• Focal Length: 50mm
			• Maximum Aperture: f/1.8
			• Minimum Aperture: f/22
			• Lens Mount: Canon EF
			• Lens Format Coverage: Full-Frame
			• Angle of View: 46°
			• Minimum Focus Distance: 13.78" / 35 cm
			• Maximum Magnification: 0.21x
			• Optical Design: 6 Elements in 5 Groups
			• Diaphragm Blades: 7, Rounded
			• Focus Type: Autofocus
			• Image Stabilization: No
			• Filter Size: 49 mm (Front)
			• Dimensions (ø x L): 2.72 x 1.54" / 69.2 x 39.2 mm
109	pc	2	**HDMI to USB Type-C Cable**
			USB C to HDMI Type C To HDMI Converter Cable Thunderbolt 3 Adapter, Nylon Braided supports 4k 60Hz, 2-meter length, compatible with MacBook Pro M2/2022/2020/2019, MacBook Air M2/2022/2020/2018
110	pc	4	**Multi-function Mount**
			Multi-functional Mini Ball Head 360°Rotatable Aluminum Alloy Ballhead Adapter Tripod Head 1/4 Inch Screw & Cold Shoe Connection
111	pc	1	**Portable SSD 1TB**
			Specifications:
			Capacity; 1 TB
			Connector: USB-C
			Compatibility
			Compatible laptop or desktop
			Sequential Read Performance 1050MB/s
			Sequential Write Performance 1000MB/s
			Interface
			USB 3.2 Gen 2
			In The Box
			Extreme Portable SSD
			USB-C to USB-C Cable
			USB-C to USB-A Adaptor
			Safety and Warranty Guide.
112	spool	1	**RG6 (Coax) Cable, 300m**
113	pc	2	**USB Type-C Charger**
			USB type C Power supply universal compatibility, braided cable, US plug, 100-240V 50/60Hz 500mA input, 18W

			charging for Blackmagic Design Micro Converter SDI to HDMI 3G
114	**pc**	**4**	**Universal Tower Extension**
			Extension Cord 16 Gang With Switch WTE-516 Original Authentic
115	**pc**	**4**	**Video Transmitter/Receiver Battery**
			NP-F770 4400mAh Batteries
			• Sony L-Series mount
			• Lithium-Ion
			• 4400mAh/31.68 capacity
			• 7.2VDC
			• compatible with Hollyland Mars 400/400S PRO
116	**pc**	**4**	**Video Transmitter/Receiver Charger**
			2.1 VDC Power Adapter with US Plug for Mars 300/400/400S, 12 VDC 2 A, 100 to 240 VAC, 50/60 Hz compatible with Hollyland Mars 400/400S
117	**pc**	**4**	**Wireless Mouse**
			2.4G Wireless Rechargeable Mouse
			• USB type-C
118	**unit**	**1**	**Laptop, 13.3", Retina Display, M1 Chip (7 Cores)**
			M1 chip with 8-core CPU, 7-core GPU, and 16-core Neural Engine or higher
			13.3-inch (diagonal) LED-backlit display with IPS technology
			400 nits brightness
			Wide color (P3)
			True Tone technology
			8GB Unified Memory
			Touch ID sensor
			Storage: 256GB SSD or higher
			Operating system: macOS Big Sur
			(with Bag)
119	**unit**	**1**	**Desktop Computer (i5, 11th Gen) (Assembled)**
			◉Processor: Intel Core i5-11500 or higher
			◉Motherboard: Intel H510M S2H (6+2 Phases Digital VRM, Anti-sulfur resistors, LGA 1200, Micro-ATX, PCIe 4.0, USB 3.2 Gen) or higher
			◉Memory: 16GB (2x8) DDR4 or higher
			◉SSD: 500GB NVMe M.2, or higher
			◉Optical Drive: DVD-RW
			◉Casing: W/ 700W PSU,
			◉Monitor: 23" IPS FHD,
			◉Operating System: Genuine Windows 10 Home (OEM)
			◉Keyboard and mouse combo
			◉500W IC controlled AVR, 500VA UPS
			◉Stereo speakers
120	**pc**	**5**	**CCTV IP Camera**
			◉2MP WDR, with Built-in Mic
			_◉12v, DC_

			◉*30m IR range,*
			◉*1920x1080 Max. Resolution*
			◉*Dome Type*
			◉*2.8/4mm fixed lens*
121	unit	1	**DSLR Camera (24.2 MP, APS-C with 18-55mm lens)**
			◉*24.2MP APS-C CMOS Sensor*
			◉*3.0" 1.04m-Dot Vari-Angle Touchscreen*
			◉*Full HD 1080p Video Recording at 60 fps*
			◉*45-Point All Cross-Type AF System*
			◉*Dual Pixel CMOS AF*
			◉*Expanded ISO 25600, Up to 7 fps Shooting*
			◉*Built-In Wi-Fi with NFCEF-S 18-55mm f/3.5-5.6 IS STM*
122	unit	1	**LCD Projector SVGA (800x600)**
			◉*Projection System: 3LCD Technology, RGB liquid crystal shutter*
			◉*Resolution: SVGA (800x600), 4:3*
			◉*Light Output: 3,300 Lumen- 2,050 Lumen (economy)*
			◉*Contrast Ratio: 15,000:1*
			◉*Lamp: 210 W*
			◉*Lamp Hours: 6,000-10,000*
123	unit	3	**LCD Projector, XGA (1024x768)**
			◉*Projection Method: Front/rear/ceiling mount*
			◉*Pixel Number: at least 786,432 dots (1024 x 768) x 3*
			◉*Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4*
			◉*Aspect ratio: 4:3*
			◉*Lamp Life: ECO Mode up to 5000 hrs*
			◉*Normal Mode up to 4000 hrs*
			◉*Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)*
			◉*Keystone Correction: Manual*
			◉*USB Plug 'n Play: Compatible w/ PC and MAC computers*
			◉*Contrast Ratio: 15.000 : 1*
			◉*Color Reproduction: 16.77 million color*
124	btl	6	**Canon Pixma Ink Bottle,GI-790(Black)**
125	btl	5	**Canon Pixma Ink Bottle,GI-790(Cyan)**
126	btl	5	**Canon Pixma Ink Bottle,GI-790(Magenta)**
127	btl	5	**Canon Pixma Ink Bottle,GI-790(Yellow)**
128	licenses	1	**Windows 10 Operating System**
			Genuine Windows 10 Volume License
129	unit	1	**Microsoft Office 2021 Professional Plus Perpetual License**
			Includes Classic 2021 versions of Word, Excel, PowerPoint, and Outlook, plus Publisher Access and Teams
			You will receive a License Key Card inside a Sealed Box
			The License is Perpetual / No Expiration.
			This is One-time purchase for 1 PC
			Compatible with Windows 11 and Windows

			Works with Microsoft Teams
130	unit	**1**	**Desktop CPU (Assembled)**
			CPU Processor: Inter(R) Core(TM) i7-8700 CPU @ 3.20 GHz 3.19 GHz or higher
			Installed RAM 8.00 GB (7.87 GB usable) or higher
			System type 64-bit operating system, x64-based processor
			HD Capacity: 1TB 7200RPM SATA 6Gb/s
			Windows specifications:
			Edition: Windows 10 Pro or higher
			Version 22H2
			with license microsoft office
131	unit	**4**	**Desktop Monitor Only**
			Gaming Monitor - 27inch, Full HD, 0.5ms*, 165Hz (above 144Hz), G-SYNC Compatible, FreeSync Premium
			27 inch Full HD gaming monitor with an ultra-fast 165Hz refresh rate and Adaptive-Sync technology to eliminate screen tearing and choppy frame rates
			Certified as G-SYNC Compatible, FreeSync Premium technology delivering a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default.
			0.5ms* response time for smooth gameplay, and Extreme Low Motion Blur (ELMB) Technology to further reduce ghosting and motion blur
			GameFast Input Technology minimizes input lag and provides much faster motion delivery from end devices to monitor
			Supports both Adaptive-Sync with NVIDIA GeForce* graphics cards and FreeSync with AMD Radeon graphics cards *Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards
132	unit	**1**	**Flatbed document scanner w/ ADF, Ethernet and WiFi Capable**
			◉*Color scanning: Yes*
			◉*Scan speed ADF: Up to 30 ppm/60 ipm*
			◉*Scan type / Technology Flatbed; ADF / CMOS CIS (Contact Image Sensor)*
			◉*Scan resolution Hardware: Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed); Optical: Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)*
			◉*Scan file format For text & images: PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF*
			◉*Scan Size ADF: 8.5 x 122 in Maximum; 4.1 x 5.8 in Minimum; Flatbed: 8.5 x 14 in*
			◉*Scanner advanced features Auto exposure, Auto threshold, Auto detect color, Background smooth/removal, Auto detect size, Straighten content, Enhance content, Multi-feed detection sensor, Auto orient, Multicolor dropout, Edge erase, Delete blank page, Merge pages, Hole fill, PDF permissions, Document separation (single page*
			◉*Duplex ADF scanning*

			◉*ADF capacity Standard, 50 sheets (75 g/m² paper)*
			◉*Multi feed detection Yes*
			◉*Light source (scanning) Light Emitting Diode (LED)*
			◉*Output resolution dpi settings 75; 150; 200; 240; 300; 400; 500; 600; and 1200 ppi*
			◉*Twain version TWAIN Certified. Version 2.1*
			◉*Bit depth / Grayscale levels 24-bits external 48-bits internal/256*
			◉*Standard connectivity USB 2.0 and USB 3.0; Built-in Fast Ethernet 10/100/1000Base-TX network port*
			◉*Wireless capability Yes, Wi-Fi 802.11 b/g/n, Wi-Fi*
			◉*Direct Memory Standard:1 GB Processor speed*
			◉*550 MHz /*
			◉*Duty cycle (daily) Recommended daily duty cycle: 4000 pages (ADF), 100 pages (Flatbed) Media types supported Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)*
133	pc	2	**Ink, Epson, 001, Genuine Black 127ml, C13T03Y100**
134	btl	25	**Epson 001 ink, Black, 127ml, Genuine**
135	btl	25	**Epson 001 ink, Cyan, Genuine**
136	btl	25	**Epson 001 ink, Yellow, Genuine**
137	unit	2	**Laptop**
			CPU: 13th Generation Intel® Core™ i5-1335U Processor (12MB Cache, up to 4.60 GHz) or higher
			Storage: 512GB M.2 PCIe NVMe Solid State Drive or higher
			RAM: 8GB 4800MHz LPDDR5 Memory Onboard or higher
			Graphics: Intel® Iris® Xe Graphics
			Screen: 14.0-inch 16:10 FHD+ (1920 x 1200) Anti-Glare Non-Touch 250nits WVA Display with Comfort View Support
			Keyboard: Titan Gray English International Backlit Keyboard, Power Button with Fingerprint Reader
			Wireless: Intel(R) Wi-Fi 6E (6GHz) AX211 2x2 Bluetooth 5.2 Wireless Card
			Battery: 4-Cell Battery, 54WHr (Integrated), 65 Watt AC Adapter
			OS: Licensed Windows 11 Home Single Language English
			OPI: Licensed w/ Microsoft Home & Student 2021
			Carry Case: Backpack 15
			Warranty: 24 Months Premium Support and Onsite Service-Retail-PH based
			(with Bag)
138	unit	2	**WiFi router**
			◉*Wired standard: IEEE802.3, IEEE802.3u*
			◉*Interface: 10 / 100Mbps WAN port * 1 10/100Mbps LAN ports*3*
			◉*Antenna: 6dBi external dual-frequency omnidirectional antenna * 5*
			◉*Button: WiFi on / off * 1, WPS / Reset button * 1*
139	unit	1	**65" Smart TV**

			Model year: 2022	
			STAND WIDTH (STANDARD POSITION): at least 45.5" (1,153 mm)	
			HDCP:HDCP 2.3 (for HDMI™ 1/2/3)	
			USB DRIVE FORMAT SUPPORT: FAT16/FAT32/NTFS	
			COMPONENT VIDEO (Y/PB/PR) INPUT(S): No	
			HDMI INPUTS TOTAL:3 (3 Side)	
			COMPOSITE VIDEO INPUT(S): 1 (rear)	
			RS-232C INPUT(S): No	
			DIGITAL AUDIO OUTPUT(S):1 (rear)	
			IF (SATELLITE) INPUT(S): No	
			USB HDD RECORDING: No	
			HDMI AUDIO RETURN CHANNEL (ARC): Yes (eARC/ARC)	
			RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S): 1 (Side)	
			HEADPHONE OUTPUT(S): 1 (Side)	
			WI-FI FREQUENCY: 2.4 GHz/5 GHz	
			USB PORTS: 2 (Side)	
			USB PLAYBACK CODECS: MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 TS (HDV, AVCHD):MPEG2, AVC/MP4 (XAVC S):AVC, MPEG4, HEVC, AV1/AVI:MotionJpeg/ASF(WMV):VC1/MOV:AVC, MPEG4/MKV:AVC, MPEG4, VP8, HEVC/3GPP:MPEG4, AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG, WEBM:AV1/AC4/ogg/AAC	
			WI-FI STANDARD: Wi-Fi Certified 802.11a/b/g/n/ac	
			CHROMECAST BUILT-IN: Yes	
			APPLE HOMEKIT: Yes	
			BLUETOOTH PROFILE SUPPORT: Version 5.0, HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/A2DP (stereo audio) 1/AVRCP (AV remote control)/SPP (Serial Port Profile)	
			ETHERNET INPUTS: 1 (rear)	
			APPLE AIRPLAY: Yes	
			Features	
			• Intelligent TV processing with 4K Processor X1	
			• Produces a wide array of colors with dynamic contrast range	
			• Google TV with Google Assistant (1)	
			• Blur-free picture quality with Motionflow XR	
			• Upscale your content to near-4K(2) with 4K X-Reality PRO	
			What's In The Box	
			Table Top Stand	
			Voice Remote Control	
			Batteries	
			AC Power Cord	
			Operating Instructions	
			Quick Setup Guide	
			with free installation	

140	unit	1	**Laptop 14" (i3)**	
			◉*Processor : Intel Core i3-1005G1 Processor 4M Cache, up to 3.40 GHz or higher*	
			◉*Operating System : Licensed Windows 10 Home or higher*	
			◉*Memory : 4GB Onboard memory, 1 x SO-DIMM socket , total up to 8 GB SDRAM or higher*	
			◉*Display : 14.0" (16:9) LED-backlit HD (1366x768) 60Hz Anti-Glare Panel with 45% NTSC*	
			◉*Graphics : Integrated Intel UHD Graphics*	
			◉*Storage : 512GB PCIe Gen3 x2 SSD or higher*	
			◉*Networking : Integrated Wi-Fi 5 (802.11 ac) Bluetooth 5.0*	
			◉*Battery : 2 -Cell 32 Wh lithium-polymer battery*	
			(with Bag)	
141	unit	1	**Desktop Computer (i7), 11th Gen, 8GB RAM (Assembled)**	
			◉*Processor: Intel® Core™ i7-11700 or higher*	
			◉*Chipset: Intel®H510 with ultradurable capacitors*	
			◉*Graphics: Intel® UHD Graphics 750*	
			◉*Memory: at least 8 GB Dual Channel, DDR4 at 3200MHz*	
			◉*Expansion Slots: 1 x M.2, 2 x PCI-e x 1, 1 x PCI-e x 16*	
			◉*SATA: 4 x SATA 6Gb/s *1*	
			◉*Storage: at least 250 GB M.2 SSD*	
			◉*Operating System: Genuine Windows 10 Home*	
			◉*Power Supply: at least 500 W Peak with ATX case*	
			◉*Monitor: 24" LED IPS Full HD*	
			◉*Keyboard and Mouse*	
142	btl	20	**Epson 001 ink, Magenta, Genuine**	
143	unit	1	**Cisco VOIP Phones**	
			Cisco CP-7821-3PCC or Cisco CP-6821-3PCC	
			2 channels with power supply (Existing VSU IPPhone Fleet)	
144	unit	1	**Biometrics Machine**	
			Face Recognition/Fingerprint Time Attendance Recorder	
			High-Speed Identification Less than 1 second	
			TCP/IP Port for Internet Connection	
			Access Port Available to control one lock and exit button	
			Easy to install and user friendly	
145	unit	2	**Smart Phone 128GB 6GB RAM 5G**	
			Technology: GSM / HSPA / LTE / 5G	
			Dual SIM (Nano-SIM, dual stand-by)	
			Display: 6.6 inches or higher	
			Android 14, One UI Core 6 or higher	
			Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55) or higher	
			Memory: 128GB 6GB RAM or higher	
			Camera : 50 MP, f/1.8, (wide), PDAF, 2 MP, f/2.4, (macro), 2 MP, f/2.4, (depth)	
			Camera Features: LED flash, panorama, HDR	
			Video: 1080p@30fps	

			3.5mm jack
			Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct or higher
			GPS, GLONASS, GALILEO
			FM radio (Exynos 1330 chipset only), recording
			Li-Po 5000 mAh, non-removable battery or higher
			with Charger included
146	pc	1	**Digital Voice Recorder**
			Built-in USB Black
			Micro card slot
			Stereo mic-in jack
			Stereo earphone jack
147	pc	1	**Apple Ipad Keyboard with Trackpad for iPad Air (4th & 5th Gen)**
			Modes: Type, View, Sketch, Read
			Keyboard Type: Attached keyboard
			Backlit Keys: Yes
			Viewing Angles: 20-60°
			Power and Connectivity: Powered by iPad via the Smart Connector
			Case
			Space to store Apple Pencil (2nd gen)
			Front and back protection
			Access all ports: Camera / Lightning
			Keyboard
			16 levels of adjustable backlighting
			Full row of iPadOS shortcut keys
			18 mm key pitch
			1 mm key travel
			Compatibility
			iPadOS 13.4 or later
			iPad Air (5th gen)
			Model: A2588, A2589, A2591
			iPad Air (4th gen)
			Model: A2316, A2324, A2325, A2072
148	unit	1	**Global Positioning System (GPS)**
			4-inch dual-orientation,
			glove friendly touchscreen display;
			8 megapixel autofocus camera;
			automatically geotags photos; tracks both GPS and GLONASS satellites;
			1-year birds Eye Satellite Imagery subscription;
			3-axis compass with barometric altimeter
149	unit	3	**LCD Projector, XGA (1024x768)**
			◉*Projection Method: Front/rear/ceiling mount*
			◉*Pixel Number: at least 786,432 dots (1024 x 768) x 3*
			◉*Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4*
			◉*Aspect ratio: 4:3*

			◉Lamp Life: ECO Mode up to 5000 hrs
			◉Normal Mode up to 4000 hrs
			◉Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)
			◉Keystone Correction: Manual
			◉USB Plug 'n Play: Compatible w/ PC and MAC computers
			◉Contrast Ratio: 15.000 : 1
			◉Color Reproduction: 16.77 million color
150	sets	5	**Desktop Computer, Assembled, 12th Gen Core i5, SDD and HDD**
			◉Processor: Intel® Core i5 12th gen with Intel® UHD Graphics 730 or higher
			◉Motherboard :Intel® H610 Chipset for 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+1+1 Hybrid Digital VRM Design, Intel® GbE LAN, NVMe PCIe 3.0 x4 M.2, High Quality Audio Capacitors and Audio Noise Guard, mATX form factor or higher
			◉RAM: 16GB DDR4 3200 Mhz or higher
			◉SSD: 512 GB NVMe PCIe Gen 3x4
			◉HDD: 1 TB 7200 RPM
			◉PSU: 650w 80 plus Bronze Certified
			◉Casing: mATX Casing with transparent acrylic side panel
			◉24" IPS monitor 72% NSTC color gamut with 75Hz refresh rate
			◉Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes (excludes number lock key) keyboard and full-sized ambidextrous optical mouse
			◉Operating system: Genuine Windows 11
151	btl	25	**EPSON INK btl 664 black**
152	btl	20	**Epson ink btl magenta**
153	btls	12	**Epson L6290 001 Ecotank Ink Black**
154	btls	1	**Epson L6290 001 Ecotank Ink Cyan**
155	btls	1	**Epson L6290 001 Ecotank Ink Magenta**
156	btls	1	**Epson L6290 001 Ecotank Ink Yellow**

Section VII. Technical Specifications

Technical Specifications

ITEM #	Unit	Qty	Description	Statement of Compliance
1	unit	8	**27" FHD Curved Monitor**	[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
			Size: 27"	
			Resolution: 1920 x 1080 FHD	
			1 ms (MPRT) / 5 ms (GTG)	
			Type: VA	
			View Angle: 178 degrees Horizontal and Vertical	
			Aspect Ratio: 16:9	
			Curvature: 1500R	
			Contrast Ratio: 4000:1	
			SRGB: 97.7% (CIE 1976)	
			Active Display Area: 597.888mm (H) x 336.312mm (V)	
			Pixel Pitch: 0.3114 (H) x 0.3114 (V)	
			Surface Treatment: Anti-glare	
			Display Colors: 16.7M	
			Color Bit: 8 Bits	
			Video Ports: 1 x Display Port (1.2a), 1 x HDMI (1.4b) @ Up to 75Hz	
			Headphone-out x 1, Kensington Lock, Speaker 2 x 2W	
			Vesa Mounting: 100 x 100 mm	
			Internal Power: 100-240V, 50-60Hz	
			FreeSync	
			Adjustment Tilt: -3.5 degrees ~ 21.5 degrees	
2	pc	2	**500GB M.2 NVME Gen3 SSD**	
			◉*Capacity: 500 GB*	
			◉*Interface: PCIe Gen3 x4*	
			◉*Sequential Read Performance: 3430MB/s*	
			◉*Sequential Write Performance: 2600MB/s*	
			◉*Form Factor: M.2 2280*	
3	unit	2	**Automatic Voltage Regulator (AVR)**	
			100% Copper Motor	
			Servo-motor Control	
			Output Meter Display	
			Able to sustain high electricity fluctuations.	
			Time Delay Function: Long: 5 + 2min Short: 5 + 2sec	
			Output Capacity: 2000VA	
			3 Output Sockets: 110V (1 socket) / 220V (2 sockets)	
			Overvoltage protection: Internal circuit breaker	
4	unit	2	**Automatic Voltage Regulatory (AVR), 1500W, heavy duty**	
			◉*Input: 220volts*	
			◉*Power: 1500watts*	
			◉*Output: 110-220 volts*	

			◉Range voltage 120v-220 volts
			◉Servo motor controlled
5	unit	4	**AVR, 500W (IC Controlled)**
			◉Power Output: 500 W
			◉Power Factor Correction (PFC): Active PFC with Value of 0.98
			◉Fan Type: 1 x 120 mm Smart and Silent Fan Control 22 dBA
			◉Safety Standards: FCC, CB, CCC, TUV, CE, C-tick, EMI, EMC, S-Intertek, CPT-AB15
6	unit	1	**Branded Desktop computer 13th Gen i7 or higher with 27" wide monitor**
			Processor:13th Gen Intel Core i7-13700KF 16cores & 24Threads or higher
			Graphics: NVIDIA GeForce RTX4060Ti 12GB GDDR6X or higher
			MEMORY: 32GB DDR5 48000MHz or higher
			STORAGE: 1TB PCIe 4.0 SSD or higher
			OPERATING SYSTEM: License Windows 11
			Wireless: WIFI 6 & Bluetooth 5.2
			Chassis Type: Vertical
			Power: 8 Phase 253W & 550W power adapter
			Motherboard: Z790 Chipset
			27-inch Monitor, Brightness 350 cd/m2 (typical), Panel Type VA, Maximum Resolution 2560 x 1440
			Includes branded keyboard and mouse
			UPS, 800VA
7	set	3	**Canon Pixma Ink Bottle,GI-71(Black, Cyan, Magenta, Yellow)**
			Black - 135ml per bottle
			Colored - 70ml per bottle
			Set includes all four colors
			Compatible with: Canon Pixma G1020 Canon Pixma G2020 Canon Pixma G3020 Canon Pixma G3060
8	unit	2	**Computer Printer 3-in-1**
			◉with CIS Filled with Inks
			◉Compact integrated tank design
			◉High yield ink bottles
			◉Spill-free, error-free refilling
			◉Wi-Fi, Wi-Fi Direct
			◉Borderless printing up to 4R
9	unit	11	**Computer Printer, All-in-One/Multifunction Colored-Ink Tank**
			◉Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour
			◉Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles
			◉Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices
			◉3-in-1: Print, copy & scan and borderless photo printing
			◉Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per

			Color
			◉*Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology*
			◉*Ink Technology: Dye Ink*
			◉*Printing Resolution: 5,760 x 1,440 DPI*
10	set	1	**Desktop Computer (i3, 11th Gen) (Assembled)**
			◉*Processor: Intel Core i3-11300 (4 cores /8 threads) or higher*
			◉*Motherboard: Intel H510M Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1200*
			◉*8GB DDR4 2933 DIMM Desktop Memory or higher*
			◉*SSD: 240GB NVMe or higher*
			◉*Keyboard and Mouse Combo*
			◉*Casing with Power Supply*
			◉*Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 /Refresh Rate: 60 Hz,*
			◉*Operating System: Genuine Windows 10 Home (OEM)*
			◉*AVR: 500W IC controlled*
11	set	6	**Desktop Computer w/ Monitor, Assembled, Core i5 12Gen, 8GB RAM, GTX 1050Ti**
			Processor: Intel® i5-12400 Total Cores: 6, Threads: 12, Max Turbo Frequency: 4.40Ghz, Performance Core Base Frequency: 2.5Ghz, Cache: 18MB, Processor Graphics: Intel® UHD Graphics 730 or higher
			Motherboard: Intel® B660 Express Chipset, Supports 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+2+1 Phases Hybrid Digital VRM with MOS Heatsink, Fast 2.5 GbE GAMING LAN with Bandwidth Management or higher
			RAM: 8GB DDR4 3200 MHz CL16, Intel® XMP-ready and XMP Certified, Low-profile heat spreader design or higher
			SSD: 512 GB M.2 2280 Form Factor PCIe Gen3x4 Interface, read up to :1700 MB, write up: 1550 MB/s or higher
			HDD: 1TB 7200 RPM, 16MB Cache or higher
			*Casing: mATX/ATX casing with transparent acrylic side panels and Cooler Fan Support: front panel 3*120mm/top 2*120mm/rear 1*120mm*
			Graphics Processor: Nvidia GTX 1050 TI 4GB GDDR5 128 bit(DVI/HDMI/DP)
			PSU:550w, True Rated Power Supply 80 plus Bronze Rated PSU for Micro ATX and ATX casing or higher
			Monitor: 24" In Plane Switching (IPS), Full HD 1920x1080 Resolution, Response Time: 5ms, Refresh Rate: 75Hz, Brightness: 250 cd/m2
			Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes keyboard and full-sized ambidextrous optical mouse
			Operating System: Genuine Windows 10 or higher
12	set	1	**Desktop Computer, with Monitor, Core i5 12th Gen, 8GB RAM (Assembled)**

			◉Processor: 12th Generation Intel® Core™ i5-12400 Processor(2.50 GHz up tp 4.40 GHz) or higher
			◉Motherboard: Intel® H610 Express Chipset Micro ATX Motherboard, with 6+1+1 Hybrid Digital VRM, High quality capacitors and Anti-sulfur resistors or higher
			◉Operating System: Genuine Windows 11 Home 64
			◉Memory: 8 GB DDR4-3200MHz (UDIMM) or higher
			◉Graphics: Integrated Graphics
			◉SSD: 256 GB SSD M.2 2280 PCIe or higher
			◉Casing: mATX casing
			◉Power supply: at least 450W, True Rated 80+ Bronze
			◉Monitor: 24" FHD (1920 x 1080) IPS Monitor, NTSC 72%, 5ms response time, 60Hz
13	unit	3	**Desktop, All-in-One (AIO), 24" Monitor**
			approximately 24" Monitor
			Core i5 12th Gen
			8GB RAM
			256GB M.2 NVME & 1TB HDD
			LAN, WiFi, Bluetooth, Camera, HDM Out 2x
			Built-in Speakers
			Windows 11, MS Office Ready
			with USB Keyboard and Mouse
14	unit	3	**Document Scanner and Camera, Portable, A3 Capture Size**
			A3 Capture Size
			Multi-language
			Optical Resolution: 3664*2744
			Output formats: Excel, PDF, PDF searchable, Text, JPG, Word System
			Scan Speed: less than 2s
			Frame rate: MJP 15ftps
15	unit	1	**Dual-Sided Thermal ID Card Printer**
			Dual Sided Printing
			Direct Dye-Sublimation
			Edge to Edge
			300 dpi (Colour & Mono); 600dpi & 1200dpi (Mono only)
			Automatic Card Feeding
			ISO CR80 or ISO CR79 (Option-Factory installed)
			0.38mm (15mil) ~ 1.0mm (40mil)
			PVC, PET, Composite PVC
			Monochrome - 5 sec/card (720 cards/hour)
			YMCKOK - Max. 22 sec/card (164 cards/hour)
			Input Card Hopper - 100 Cards / 200 Cards with cover open
			Output Card Hopper - Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker)
			64MB RAM Memory
			Interface - 2 Line LCD / 2 LED Buttons
			Supported Platforms - Microsoft Windows 7/8/10, Mac OS,

			Linux
			Communication - USB, Ethernet (Option), WiFi (Option)
			Power Supply - Free Voltage (AC100/220V, 50~60Hz)
			Power Consumption - 48W
16	btl	40	**Epson 003 Ink Bottle for Epson L3150, Black**
17	btl	40	**Epson 003 Ink Bottle for Epson L3150, CYAN**
18	btl	40	**Epson 003 Ink Bottle for Epson L3150, MAGENTA**
19	btl	40	**Epson 003 Ink Bottle for Epson L3150, YELLOW**
20	set	1	**Epson 188 Black, Cyan, Yellow & Magenta Ink Set of 4 Colors**
			DURAbrite Ultra Ink
			Max Economy for prints
			Print up to A3+
			Mobile printing with Epson Connect
			For use on WF-7111 / WF-7611 / WF-7211 / WF-7711
			Average page yield for black ink cartridge: 2,200 pages
			Average page yield for colour ink cartridge: 1,100 pages
21	unit	1	**External Hard Disk Drive (Portable, 1TB), USB 3.1**
			◉*Shock-absorbing*
			◉*Interface: USB 3.1 (Max.5Gb/s)*
			◉*Capacity: 1TB*
			◉*Texture: Plastic/Rubber*
			◉*Operating Voltage: DC 5V, 900mA*
			◉*System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later*
22	unit	2	**External Hard Disk Drive (Portable, 2TB), USB 3.1**
			◉*Shock-absorbing*
			◉*Interface: USB 3.1 (Max.5Gb/s)*
			◉*Capacity: 2TB*
			◉*Texture: Plastic/Rubber*
			◉*Operating Voltage: DC 5V, 900mA*
			◉*System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later*
23	unit	1	**External Hard Drive, 1 TB**
			Capacity: 1TB
			Connection interface: USB 2.0/3.0
			Storage Media: 2.5" SATA HDD
			Op. Voltage: USB DC 5V
			Size :129.5mm x 82.4mm x 20.4mm
			Weight: 216g
25	pc	2	**Flash Drive, 128GB, USB 3.0**
			◉*Capacity:128GB*
			◉*Interface: USB 3.0*
			◉*Speed: 100MB/s read, 10MB/s write*
26	pc	20	**Flash Drive, 16 GB capacity**
27	unit	10	**Gaming Chair with Footrest, XL Size**
			Recline 90°~170°

			Weight Capacity: up to 180KG
			Suitable for people with a height between 160cm-190cm
			Alloy frame is covered in quality hand-sewn PU leather
			Wider Seat + 5 Inches of High-density Foam
			Class 4 gas cylinder
			Configuration: Adjustable Seat Height + highly flexible head pillow + lumbar support
			Controllable Rocking + Retractable Footrests: Perfect for relaxing during breaks
28	pc	18	**GS CONFERENCE ROOM GOOSENECK MICROPOHNES**
			★Feature:
			1. 8 UHF Gooseneck Wireless Microphone
			2. A wireless system designed for large meeting places
			3. Flexible gooseneck, you can adjust to the best angle.
			4. Independent mic volume control
			5. Metal receiver can connect to Amplifier, Mixer, or other PA system.
			6. Operation Range: distance up to 200 Feet (60 Meters) ★Specification: Channel group number: PLL phase locked frequency Shock mode: ±0.005% （100-50） Carrier frequency band: 20MHz Frequency band width: when the offset is equal to 40KHz， enter the V6dB,S/N80dB Sensitivity: ±25KHz Maximum deviation: ±95dB(1KHz-A) Integrated S/N ratio: 100Hzk-18Hz 3dB with low frequency attenuation filter circuit Integrated frequency response: XLR balanced outlet independent Output and 6.3 unbalanced outlet mixed output Resistance to receive distance DC power supply 12-15VDC 0.5A ★Package Included: UHF wireless microphone receiver*1 Gooseneck Microphone*8 Microphone windshield *8 Antennas*4 Power Adapter*1 Audio cable 6.5mm*1 User Manual*1
29	unit	4	**Hard Drive, Internal-SATA, 3.5"**
			Enterprise-level server and storage HDD
			3.5" Form Factor
			18TB Storage Capacity
			SATA 6GBPS Interface
			7200 rpm Spindle Speed
			512 MB Buffer Size
			512e Sector Size Compatibility
			equipped with Self-Monitoring, Analysis, and Reporting Technology (SMART) features for real-time monitoring
			3-year Manufacturer Warranty
			Factory Sealed
30	pc	35	**HDMI to HDMI cable, 2M**
			2M Length
			Resolution: 4K 60Hz/4K 30Hz/1080P 60Hz
			Version: HDMI 2.0
			Connector: HDMI male

			Connector: Gold Plated
			Cable jacket: PVC
31	unit	2	**Headset with Noise Cancelling Mic**
			◙*Input Impedance: at least 32 Ohms*
			◙*Sensitivity (headphone):at least 94 dBV/Pa +/- 3 dB*
			◙*Sensitivity (microphone): -17 dBV/Pa +/- 4 dB*
			◙*Frequency response (Headset): 20 Hz - 20 KHz*
			◙*Frequency response (Microphone): 100 Hz - 10 KHz*
			◙*Cable Length: at least 7 ft*
			◙*Connections: USB-A compatible (1.1, 2.0, 3.0), USB port 1Type A port or adapter*
32	unit	8	**Headset, USB Wired, Noise Cancelling, Rotatable Mic. Boom**
			Lightweight Design
			Superior Ear Cushions
			Noise Cancelling Unidirectional Mic. and Rotatable Mic. Boom
			Volume Switch and High Performance
			Equipped with Digital Signal Processing Stereo Chipset
			40mm HD Driver Speaker Unit
			Headset Frequency Response: 20Hz-20KHz
			105dB Sensitivity
			32-ohm Impedance
			Microphone Frequency Response: 100Hz-10KHz
			-44dB Sensitivity
			USB Wired
			With 1-Year Manufacturer Warranty
33	pc	15	**HP, Laser Jet 107a Toner HP 107A (W1107A), Black**
34	pc	15	**HP, Laser Jet Pro M15W Toner HP 48A (CF248A), Black**
35	btl	5	**Ink HP GT52 Cyan (C), Genuine**
36	btl	5	**Ink HP GT52 Magenta (M), Genuine**
37	btl	5	**Ink HP GT52 Yellow (Y), Genuine**
38	box	5	**INK HP GT53XL 135 ML BLACK**
39	btl	20	**Ink, Brother BT5000C Cyan**
40	btl	20	**Ink, Brother BT5000M Magenta**
41	btl	20	**Ink, Brother BT5000Y Yellow**
42	btl	20	**Ink, Brother BTD60BK, Black**
43	btl	191	**Ink, Epson 003,Genuine Black 65mL**
44	btl	105	**Ink, EPSON 003,Genuine Cyan 65mL**
45	btl	115	**Ink, EPSON 003,Genuine Magenta 65mL**
46	btl	117	**Ink, EPSON 003,Genuine Yellow 65mL**
47	tube	10	**Ink, EPSON T9481 XL for WF-C878R Printer, Black**
48	tube	10	**Ink, EPSON T9481 XL for WF-C878R Printer, Cyan**
49	tube	10	**Ink, EPSON T9481 XL for WF-C878R Printer, Magenta**
50	pc	1	**Ink, Epson, genuine (C) T664, 70 ml**
51	pc	1	**Ink, Epson, genuine (M) T664, 70 ml**
52	pc	24	**Ink, Epson, genuine, (BK) T664, 70 ml**

53	pc	1	Ink, Epson, genuine, (Y) T664, 70 ml	
54	tube	10	Ink. EPSON T9481 XL for WF-C878R Printer, Yellow	
55	set	6	**Keyboard And Mouse Combo Bundle, USB powered**	
			◉*Keyboard*	
			◄*Keycaps: A-Shape, Round Edge*	
			◄*Hotkeys: No*	
			◄*Character: Laser Engraving*	
			◄*Adjustable Keyboard Legs: Yes*	
			◄*Rating: 5 V / 30 mA*	
			◉*Mouse*	
			◄*Report Rate: 125 Hz*	
			◄*Sensor: Optical*	
			◄*Resolution: 1000 DPI*	
			◄*Rating: 5 V / 100 mA*	
			◄*Buttons No.: 3*	
			◄*Ergonomic Design: Symmetric*	
			◄*Size: Middle / Big Hands*	
56	unit	2	**Laptop 14" (i5)**	
			◉*Processor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher*	
			◉*Operating system: Windows 10 Home*	
			◉*Memory: 4GB memory, 1 x SO-DIMM socket (for expansion) or higher*	
			◉*Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC*	
			◉*Video Processor: NVIDIA GeForce MX330 , with 2GB GDDR5 VRAM or higher*	
			◉*Storage: 512GB PCIe Gen3 x2 SSD*	
			(with Bag)	
57	pc	2	**Laptop Charger, Universal, 8-in-1**	
			◉*Input voltage:AC110-AC240V 50/60Hz Auto-Volt*	
			◉*Output wattage:96W*	
			◉*Output volatges:12V/15V/16V/18V/19V/20V/24V Output current:(12V/15V/16V/18V/19V)4.5A,(20/24V) 4A, (USB)2.1A*	
			◉*With Voltage indicator*	
			◉*Output Tip A:Φ6.3xΦ4.0mm For Sony/Fujitsu/Samsung laptops.*	
			◉*Output Tip B:Φ6.0xΦ3.0mm For Toshiba/NEC laptops.*	
			◉*Output Tip C:Φ5.0xΦ2.5mm For Liteonit/Fujitsu/HP laptops.*	
			◉*Output Tip D:Φ5.5xΦ2.1mm For Compaq laptops.*	
			◉*Output Tip E:Φ5.5xΦ1.7mm For Sony/Acer laptops.*	
			◉*Output Tip F:Φ4.8xΦ1.7mm For Asus laptops.*	
			◉*Output Tip G:Φ4.0xΦ1.7mm For Sony/Asus/Acer laptops.*	
			◉*Output Tip H:Φ3.5xΦ1.35mm For Sharp/Dell laptops.*	
58	unit	1	**Laptop, 16", 16GB**	
			CPU: AMD Ryzen 7 7735H or higher	

			GPU: AMD Radeon Graphics or higher
			RAM: 16G LPDDR5 6400MHz, Dual M.2 SSD Slots or higher
			Storage: 512G SSD PCIE4.0 or higher
			Screen: 16" 2.5K 100%sRGB, 2560x1600, Free Sync, 120Hz Refresh Rate, 350 nit Brightness, 1200:1 Image Contrast
			Power Consumption: 65W
			WiFi 6E, 2-in-1 Audio Jack, USB 3.2, USB-A, SD Card Reader, Type-C, HDMI 2.1,
			with Fingerprint Reader and Glowing Tail Lights
			White Backlit Keyboard
			75Wh Li-Polymer Battery - 100W PD Fast Charge
			Thin and Light Metal Design
			1.9kg
			(with Bag)
59	unit	1	**Laptop, AMD Ryzen 5 4500U, 14" FHD**
			◙Processor: CPU AMD Ryzen 5 4500U or higher
			◙Graphics: AMD Radeon Graphics or higher
			◙Display: 14" 1920x1080 IPS FHD LED 250NITS
			◙Memory: 16GB DDR4 3200MHZ(8+8) or higher
			◙Storage: 512g SSD M2 or higher
			◙Keyboard and Touchpad: No backlit
			◙Audio: HD audio Realtek
			◙Camera: 720PHD CAM
			◙Wireless Connectivity: Wi-Fi 6 BT5.0
			(with Bag)
			◙Battery and Power: 45W BATTERY
			◙Operating System: Genuine Windows 10
60	unit	1	**Laptop, Intel Core i5 10th Gen , 15.6" FHD**
			◙Processor: Intel Core i5 10th gen processor or higher
			◙Memory: 16GB DDR4 2400MHz or higher
			◙Display: 15.6-inch full HD IPS 1920x1080 screen
			◙Graphics card: NVIDIA Geforce MX350 2GB (GDDR5 video memory) or higher
			◙SSD: 512GB NvME M2
			◙Network: wireless network card dual-band dual-antenna 802.11.ax (support 5G network); Bluetooth Bluetooth5.0
			◙Operating System: Genuine Windows 10
			(with Bag)
61	pc	2	**Laptop, Touchscreen, Core i5, 13.3"**
			Intel Core i5 at least 10th Generation with Intel UHD Graphics 620 (4 cores 8 threads, base clock speed 1.6 GHz, Turbo Boost up to 3.9 GHz, 6 MB L3 Cache) or higher
			at least 16GB DDR4 RAM
			at least 256GB PCIe NVMe M.2 SSD
			13.3" diagonal FHD IPS (1920x1080) Touchscreen, Intel AX200 Wi-Fi 6 (2x2) and Bluetooth 5 Combo
			2 xUSB 3.1 gen1 Type-C Thunderbolt 3 (1xcharging), 2 x

			USB 3.1 gen1 Type-A, 1xAudio Combo Jack, 1xHDMI 1.4
			Operating System - Licensed Windows 10 Pro
			(with Bag)
62	unit	2	**Laser Printer, High Speed Single Function Printer with Automatic 2-sided Printing and Wireless Connectivity**
			FUNCTIONS: Print
			PRINTER TYPE: Laser Printer
			PRINT SPEED: Up to 36 pages/minute (Letter size), Up to 34 pages/minute (A4 size)
			PAPER SIZE: A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Folio
			Print RESOLUTION: 600 x 600 dpi, HQ1200 (2400 x 600 dpi) quality, 1200 x 1200 dpi. 2-SIDED - PAPER TYPE
			Plain Paper, Thin Paper, Recycled Paper,Thick Paper 2-SIDED - PAPER SIZE A4
			PAPER INPUT - PAPER TRAY #1 - MAXIMUM PAPER CAPACITY Up to 250 sheets of 80 g/m2 plain paper
			PAPER INPUT - MULTI-PURPOSE TRAY: 1 sheet
			PAPER OUTPUT: Up to 150 Sheets of 80 g/m2 Plain Paper (face-down delivery to the face-down output paper tray)
			Connectivity USB USB 2.0
			LAN: 10BASE-T / 100BASE-TX
			WIRELESS LAN: IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode)
			IEEE 802.11g/n (Wi-Fi Direct)
63	unit	2	**LCD Projector (XGA), 3LCD Technology**
			◉Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology
			◉White Light Output (Normal/Eco):3,600 lm
			◉Colour Light Output:3,600 lm
			◉Resolution XGA, at least 1024 x 768,
			◉Analog Input:D-Sub 15pin: 1
			◉Digital Input:HDMI: 1
			◉LCD:Native Resolution: XGA (1024 x 768)
			◉Size: 0.55" (C2fine)
			◉Lightsource:Type: 210W UHE
			◉Life (Normal / Eco): 6,000 / 12,000 hours
			◉Aspect Ratio:4:3
			◉USB Interface:USB Type B: 1 (For Firmware Update, Copy OSD Settings)
			◉Analog Input:D-Sub 15pin: 1
			◉Digital Input:HDMI: 1
64	unit	11	**LCD Projector, 3LCD Technology**
			Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology
			White Light Output (Normal/Eco):3,600 lm
			Colour Light Output:3,600 lm
			Resolution XGA, at least 1024 x 768,
			Analog Input: D-Sub 15pin: 1

			Digital Input: HDMI: 1
			LCD: Native Resolution: XGA (1024 x 768)
			Size: 0.55" (C2fine)
			Light source: Type: 210W UHE
			Life (Normal / Eco): 6,000 / 12,000 hours
			Aspect Ratio:4:3
			USB Interface: USB Type B: 1 (For Firmware Update, Copy OSD Settings)
			Analog Input: D-Sub 15pin: 1
			Digital Input: HDMI: 1
65	pc	3	**Maintenance Box, EPSON, WF-C869R**
			Replacement parts for EPSON Photocopier.
66	pc	4	**Presentation Clicker/Pointer**
			R400 2.4 GHz USB-Receiver Red Laser Pointer Wireless Presentation Remote
67	unit	3	**Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)**
			◉*Tank Ink System*
			◉*Printer Type: Print, Scan and Copy*
			◉*Scanner Type: Flatbed colour image scanner*
			◉*Sensor Type: CIS*
			◉*Optical Resolution: 600 x 1200 dpi*
			◉*Copy Speed: Maximum Copies from Standalone: 20 copies*
			◉*Maximum Copy Size: A4, Letter*
			◉*ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm*
			◉*Max Copy Resolution: 300 x 300 dpi*
			◉*Paper Handling: Up to 20 Sheets-Premium Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard*
			◉*Output Capacity: Up to 30 sheets*
			◉*A4 plain paper: 20 sheets, Premium Glossy Photo Paper*
			◉*Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")*
			◉*Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)*
			◉*Print Direction: Bi-directional printing*
			◉*Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)*
			◉*Minimum Ink Droplet Size: 3 pl*
68	pc	1	**Projector Screen**
			◉*manual pull-down with a speed control mechanism*
			◉*Ceiling/Wall Mount*
			◉*Aspect Ratio 16:9*
			◉*Screen Height at least 2030mm*
			◉*Screen at least Width 1145mm*
			◉*Metal casing*
69	box	5	**PVC Card Blank, 500 pc/box, Smart ID Machine, Plain White**
70	box	5	**PVC Card Blank, 500 pc/box, Smart ID Machine, with**

			MAGSTRIPE
71	unit	4	**Rechargeable Wireless Keyboard and Mouse Set**
			◉*Rechargeable Office Wireless Keyboard and Mouse Set*
			◉*Size: 284*121*16.mm*
			◉*Weight: 280g*
			◉*Connection method: USB receiver/Bluetooth*
72	pc	10	**Ribbon Cartridge EPSON LX-310**
73	pc	15	**Ribbon Cartridge EPSON S015639**
			◉*Ribbon Cartridge S015639 for EPSON LQ-310 printer*
74	unit	4	**Solid State Drive, Internal, 2.5", 1TB**
			SATA Rev. 3.0 (6GB/s) with backward compatibility to SATA Rev. 2.0 (3GB/s)
			Up to 500MB/s read and 450MB/s write or better
75	set	1	**Special SAM Broadcaster PRO Version 2022 or latest Version, License Radio Software**
77	unit	5	**System Unit (CPU), Core i7 8GB RAM (Assembled)**
			CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher
			SDD: 256GB M.2 PCIe NVMe Solid State Drive or higher + 1TB 7200 rpm 3.5" SATA Hard Drive or higher
			RAM: at least 8GB (8GBx1) DDR4 2666MHz or higher
			Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5 or higher
			ATX casing with 700W PSU
			With genuine Microsoft Office license.
			OS: at least Windows 10
79	box	54	**Toner Cartridge, HP 85A	CE285A, Black**
			HP 85A (CE285A) toner cartridges work with: HP LaserJet Pro M1212nf, M1217nfw, P1102w, P1109w
			HP 85A toner cartridge yield (approx.): 1,600 pages. Operating temperature range is 10 to 32.5°C
80	unit	1	**Ubiquiti Unifi HD Access Point 802.11 AC Wave 2 MU-MIMO Indoor (UAP-AC-HD)**
			◉*Networking Interface (2) 10/100/1000 Ethernet Ports Buttons Reset Power Method 802.3at PoE+ Supported Voltage Range 44 to 57VDC*
			◉*Power Supply UniFi Switch (PoE) Power Save Supported Beamforming Supported Maximum Power Consumption 17W TX Power 2.4 GHz 5 GHz 6-25 dBm 6-25 dBm Antennas 2.4 GHz 5 GHz (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF BSSID Up to 8*
			◉*Radio Mounting Wall/Ceiling (Kits Included)*
			◉*Operating Temperature -10 to 70° C (14 to 158° F)*
			◉*Operating Humidity 5 to 95% Noncondensing*
			◉*Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 1000+ Supported Data*

			Rates (Mbps)Standard Data Rates 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40) 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) 802.11b 1, 2, 5.5, 11 Mbps 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps
			◉*Should be compatible with the existing fleet of Unifi Access Points and Controller*
81	unit	2	**Ubiquiti Unifi HD Access Point 802.11 AC Wave 2 MU-MIMO Indoor / Outdoor High Density Access Point**
			◉*Networking Interface (2) 10/100/1000 Ethernet Ports Buttons Reset Power Method 802.3at PoE+ Supported Voltage Range 44 to 57VDC*
			◉*Power Supply UniFi Switch (PoE) Power Save Supported Beamforming Supported Maximum Power Consumption 17W TX Power 2.4 GHz 5 GHz 6-25 dBm 6-25 dBm Antennas 2.4 GHz 5 GHz (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF BSSID Up to 8*
			◉*Radio Mounting Wall/Ceiling (Kits Included)*
			◉*Operating Temperature -10 to 70° C (14 to 158° F)*
			◉*Operating Humidity 5 to 95% Noncondensing*
			◉*Certifications CE, FCC, IC Advanced Traffic Management VLAN 802.1Q Advanced QoS Per-User Rate Limiting Guest Traffic Isolation Supported WMM Voice, Video, Best Effort, and Background Concurrent Clients 1000+ Supported Data Rates (Mbps)Standard Data Rates 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40) 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) 802.11b 1, 2, 5.5, 11 Mbps 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps*
			◉*Should be compatible with the existing fleet of Unifi Access Points and Controller*
82	unit	6	**UPS (with built-in AVR) by per unit price**
			Description:
			-CPU controlled
			-Advanced AVR technology
			-Surge protection
			-Battery backup
			-Auto charge in power off mode
			-Overload and short circuit protection
			-Resettable Fuse on back panel
			-LCD display and Audible alarm
			-3000VA
			-4 Outlets
			-Up to 120 Minutes Runtime
			-AVR
			Specifications:

			Input: Voltage: 220V
			Voltage Range: 175-275V
			Frequency: 50Hz/60Hz
			Output: Capacity (Total): 3000VA/1800W
			Voltage (On Battery): 220V+-5%
			Frequency: 50Hz/60Hz Sync with Utility Power
			Transfer Time: 2-6ms Typical
			Wave Form: Simulated Sine Wave
			Connection: Universal Outlet x4
			Battery: Type: Maintenance-Free Sealed Lead-Acid
			Capacity: 12v/9AHx4
			Recharging Time: 8Hours > 90%
			Back up Time (1PC): Up to 120 minutes (Depending on Load)
83	unit	11	**UPS 800W (for Computer)**
			◉Charging time: At most 4 hours
84	pc	4	**UPS, at least 500 w**
			Recharging Time: at most 4 Hours;
85	unit	11	**UPS, at least 800 watts**
			◉Recharging Time: at most 4 Hours;
86	box	4	**UPS, Box of 4, 1500VA/900W, 6 Universal Sockets**
			1500 VA / 900W
			LCD Front Panel Display
			12V / 8AH
			6 Universal Sockets
			Microprocessor-Based Digital Control
			220-240V Input-Output Voltage
			50-60 Hz
			Overload and Short Circuit Protection
			Auto charging at off mode
			1-year Manufacturer Warranty
87	pc	4	**USB Hub, 4 gangs**
			MS Universal USB 3.0 Multi-Port Socket at least 4 ports
			Plug type: US, EU
88	unit	2	**Hard Drive, External, 2TB, USB 3.0, 5.0 Gbit/s Transfer Rate or Better**
89	unit	6	**VOIP Phone**
			Audio Features
			• HD voice: HD handset, HD speaker
			• Smart Noise Filtering
			• Narrowband codec: PCMU (G.711A), PCMA (G.711µ), G.723.1, G.729, G.729A, G.729B, G.729AB, G.726, iLBC
			• DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
			• Full-duplex hands-free speakerphone with AEC
			• VAD, CNG, AEC, PLC, AJB, AGC
			Phone Features

			• 2 VoIP accounts	
			• Call hold, mute, DND	
			• One-touch speed dial, hotline	
			• Call forward, call waiting, call transfer	
			• Group listening, SMS, emergency call	
			• Redial, call return, auto answer	
			• Local 5-way conferencing	
			• Direct IP call without SIP proxy	
			• Ring tone selection/import/delete	
			• Set date time manually or automatically	
			• Dial plan	
			• XML Browser, action URL/URI	
			• Integrated screenshots	
			• RTCP-XR, VQ-RTCPXR	
			• Enhanced DSS Key	
			Directory	
			• Loal phonebook up to 1000 entries	
			• Black list	
			• XML/LDAP remote phonebook	
			• Smart dialing	
			• Phonebook search/import/export	
			• Call history: dialed/received/missed/forwarded	
			IP-PBX Features	
			• Busy Lamp Field (BLF), Bridged Line Apperance (BLA)	
			• Anonymous call, anonymous call rejection	
			• Hot-desking, voice mail	
			• Flexible seating	
			• Call park, call pickup	
			• Executive and Assistant	
			• Centralized call recording	
			• Visual voice mail	
			• Call recording	
			Display and Indicator	
			• 2.3" 132x64-pixel graphical LCD with backlight	
			• LED for call and message waiting indication	
			• Dual-color (red or green) illuminated LEDs for	
			line status information	
			• Intuitive user interface with icons and soft keys	
			• Multilingual user interface	
			• Caller ID with name and number	
			• Power saving	
			Feature keys	
			• 2 line keys with LED	
			• 6 features keys: transfer, message, headset,	
			redial, mute, hands-free speakerphone	
			• 5 navigation keys	
			• Volume control keys	

				Interface	
				• Dual-port Gigabit Ethernet	
				• Power over Ethernet (IEEE 802.3af), class 1*	
				• 1 x RJ9 (4P4C) handset port	
				• 1 x RJ9 (4P4C) headset port	
				Other Physical Features	
				• Color: Classic Grey	
				• Wall mountable	
				• External Yealink AC adapter	
				AC 100-240 V input and DC 5 V/0.6 A output	
				• Power consumption (PSU): 2-3 W	
				• Power consumption (PoE): 3-4 W	
				• Dimension (W x D x H x T):	
				188 x 189 x 162 x 50 mm	
				• Operating humidity: 10-95%	
				• Operating temperature: -10 to +45°C (+14 to113°F)	
				• Storage temperature: -30 to +70°C (-22 to+158°F)	
				Management	
				• Configuration: browser/phone/auto-provision	
				• Auto provision via FTP/TFTP/HTTP/HTTPS for	
				mass deploy	
				• Auto-provision with PnP	
				• Zero-sp-touch, TR-069	
				• Phone lock for personal privacy protection	
				• Reset to factory, reboot	
				• Package tracing export, system log	
				Network and Security	
				• SIP v1 (RFC2543), v2 (RFC3261)	
				• Call server redundancy supported	
				• NAT traversal: STUN mode	
				• Proxy mode and peer-to-peer SIP link mode	
				• IP assignment: static/DHCP	
				• HTTP/HTTPS web server	
				• Time and date synchronization using SNTP	
				• UDP/TCP/DNS-SRV (RFC 3263)	
				• QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP	
				• SRTP for voice	
				• Transport Layer Security (TLS 1.3)	
				• HTTPS certificate manager	
				• AES encryption for configuration file (AES256)	
				• Digest authentication	
				• OpenVPN, IEEE802.1X, L2TP VPN	
				• IPv6	
				• LLDP/CDP/DHCP VLAN	
				• ICE	
				• WPA2/WPA3	
				• Secure boot	

			• GARP (Generic Attribute Registration Protocol)	
			NOTE: Must be compatible with existing Yearstar S300 Server for auto provisioning	
90	unit	1	**VOIP PHONE**	
			◉Data networking	
			◉MAC address (IEEE 802.3)	
			◉IPv4 (RFC 791)	
			◉Address Resolution Protocol (ARP)	
			◉DNS: A record (RFC 1706), SRV record (RFC 2782)	
			◉Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)	
			◉Internet Control Message Protocol (ICMP) (RFC 792)	
			◉TCP (RFC 793)	
			◉User Datagram Protocol (UDP) (RFC 768)	
			◉Real-Time Transport Protocol (RTP) (RFC 1889, 1890)	
			◉Real-Time Control Protocol (RTCP) (RFC 1889)	
			◉Differentiated Services (DiffServ) (RFC 2475)	
			◉Type of service (ToS) (RFC 791, 1349)	
			◉VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)	
			◉Simple Network Time Protocol (SNTP) (RFC 2030)	
			◉Voice gateway	
			◉SIP version 2 (RFC 3261, 3262, 3263, 3264)	
			◉SPCP with the Cisco Unified Communications 500 Series	
			◉SIP proxy redundancy: dynamic via DNS SRV, A records	
			◉Reregistration with primary SIP proxy server	
			◉SIP support in NAT networks (including STUN)	
			◉SIPFrag (RFC 3420)	
			◉Secure (encrypted) calling via SRTP	
			◉Codec name assignment	
			◉Voice algorithms:	
			◉G.711 (A-law and µ-law)	
			◉G.726 (16/24/32/40 kbps)	
			◉G.729 A	
			◉G.722	
			◉Dynamic payload support	
			◉Adjustable audio frames per packet	
			◉Dual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO)	
			◉Flexible dial plan support with interdigit timers	
			◉IP address/URI dialing support	
			◉Call progress tone generation	
			◉Jitter buffer: adaptive	
			◉Frame loss concealment	
			◉Comfort Noise Generation (CNG)	
			◉Voice activity detection (VAD) with silence suppression	
			◉Attenuation/gain adjustments	
			◉VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE	

			◉Caller ID support (name and number)
			◉Third-party call control (RFC 3725)
			◉Provisioning, administration, and maintenance
			◉Integrated web server provides web-based administration and configuration
			◉Telephone keypad configuration via display menu/navigation
			◉Automated provisioning and upgrade via HTTPS, HTTP, TFTP
			◉Asynchronous notification of upgrade availability via NOTIFY
			◉Nonintrusive in-service upgrades
			◉Report generation and event logging
			◉Statistics transmitted in BYE message
			◉Syslog and debug server records: configurable per line
			◉Power supply
			◉1Power supply is optional and is purchased separately
			◉Models: Cisco PA100-NA, PA100-EU, PA100-UK, PA100-AU
			◉Switching type (100-240V) automatic
			◉DC output voltage: +5 VDC at 2.0A maximum
			◉Power adapter: 100-240V 50-60 Hz (26-34 VA) AC input
			◉Physical interfaces
			◉Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)
			◉Handset: RJ-9 connector
			◉Built-in speakerphone and microphone
			◉Headset 2.5mm jack
			◉Indicator lights/LEDs
			◉Speakerphone on/off button with LED
			◉Headset on/off button with LED
			◉Mute button with LED
			◉Message waiting LED
			◉Body dimensions (W x H x D)
			◉8.42 x 8.35. x 1.73 in. (214 x 212 x 44 mm)
			◉Unit weight
			◉2.00 lb (0.9 kg)
			◉Operating temperature
			◉32º ~ 104ºF (0º ~ 40ºC)
			◉Storage temperature
			◉-4º ~ 158ºF (-20º ~ 70ºC)
			◉Operating humidity
			◉5% to 95% noncondensing
			◉Storage humidity
			◉5% to 95% noncondensing
			◉Should be compatible with existing fleet of VSU IP Phones
91	unit	5	**VoIP, Telephone**
			Features
			Display: White backlit, greyscale, 3.5-inch (396x162 pixels) display

			Call Appearance:16 voice lines
			Fixed Feature Buttons: Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute
			Navigation Keys: Two-way navigation and select keys
			Programmable Line/Feature Keys: 16 programmable keys that support either lines (such as directory numbers), or call features (such as speed dialing).
			Programmable Softkeys: 4 buttons
			Button Module Expansion: No
			Speakerphone: Includes high-quality, 2-way speakerphone
			Audio: Wideband audio enhances clarity with the handset, speaker, or headset
			Codecs: G.711 (A-law and m-law), G.722.2, G.722, G.729ab, ILBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)
			Wall-Mountable: Yes, requires optional Cisco 7800 Series Wall Mount Kit
			Ethernet Connectivity: Dual Ethernet (10/100) line interface (PC Pass Through & Network Connection)
			Headset Port: Includes RJ9 headset port with EHS support
			Message Waiting Indicator: Yes
			Adjustable Tilt Display: No
			Network Security: Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography
			POWER REQUIREMENTS
			Supports 802.3af Power-over-ethernet (PoE)
			Can also be powered via optional power adapter if PoE is not available on your network (power supply sold separately – see accessories above)
			System Compatibility
			MUST have with Multiplatform Phone Firmware
			Compatible with existing VSU fleet
92	pc	15	**Web Camera for Laptop and Desktop**
			◉*About 360 degrees, rotate up and down 45 degrees, you can adjust the angle.*
			◉*With clips for laptops and desktops.*
			◉*Sensor pixels: 2 million*
			◉*Interface: USB 2.0*
			◉*Frame rate: 30 FPS*
			◉*Image sensor: CMOS*
			◉*Brightness/color: automatically adjusts*
			◉*Additional features: built-in microphone*
93	unit	1	**Wireless Access Point**

			◉Networking Interface (1) 10/100/1000 Ethernet Port	
			◉Buttons Reset	
			◉Power Method 802.3af PoE	
			◉Power Supply UniFi Switch (PoE)	
			◉Power Save Supported	
			◉Beamforming Supported	
			◉Maximum Power Consumption 10.5W	
			◉Supported Voltage Range 44 to 57VDC	
			◉TX Power	
			◉2.4 GHz	
			◉5 GHz	
			◉23 dBm	
			◉26 dBm	
			◉MIMO	
			◉2.4 GHz	
			◉5 GHz	
			◉2x2	
			◉4x4	
			◉Radio Rates	
			◉2.4 GHz	
			◉5 GHz	
			◉300 Mbps	
			◉1733 Mbps	
			◉Antennas	
			◉2.4 GHz	
			◉5 GHz	
			◉(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each	
			◉(2) Single-Port, Dual-Polarity Antennas, 3 dBi each	
			◉Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2	
			◉Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF	
			◉BSSID 8 per Radio	
			◉Mounting Wall/Ceiling (Kits Included)	
			◉Operating Temperature -10 to 70° C (14 to 158° F)	
			◉Operating Humidity 5 to 95% Noncondensing	
			◉Certifications CE, FCC, IC	
			◉Advanced Traffic Management	
			◉VLAN 802.1Q	
			◉Advanced QoS Per-User Rate Limiting	
			◉Guest Traffic Isolation Supported	
			◉WMM Voice, Video, Best Effort, and Background	
			◉Concurrent Clients 200+	
			◉Supported Data Rates (Mbps)	
			◉Standard Data Rates	
			◉802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps	
			◉802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)	

			◉802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)
			◉58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)
			◉802.11b 1, 2, 5.5, 11 Mbps
			◉802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps
			◉Should be compatible with existing UniFi Controller
94	pc	2	**Laser Presentation Remote / Wireless Presenter, Black**
			◉Wave Length: 640∼660nm (red light)
			◉Battery type: 2 AAA batteries
			◉Battery life (Laser pointer): 20-hour maximum
			◉Battery life (Presenter): 1050-hour maximum
			◉Wireless operating distance: Approx 10m
			◉1.49 in (37.8 mm) x 4.55 in (115.5 mm) x 1.08 in (27.4 mm)
			◉0.65 in (16.5 mm) x 2.31 in (58.6 mm) x 0.31 in (7.9 mm)
			◉Windows Vista, Windows 7, Windows 8
			◉Wireless mini-receiver
			◉2 AAA batteries
			◉Carrying case
			◉Quick-start guide
95	pair	3	**Multimedia Speakers 2.0, 6W, USB powered**
			Total Output Power (RMS): 6W
			Satellite wattage (RMS):3W
			Satellite Driver : Size : 2.5"
			Frequency Range: 70-20000 Hz
			Interface: 3.5mm jack
			Housing material : ABS
			Controls: Overall Volume
			Power Supply: via USB, 5V
96	pcs	1	**Camera Battery**
			Chemistry Lithium-Ion
			Output Voltage 7.2 VDC
			Capacity: 875mAh
			Powers EOS M50 and M100 Cameras
			For Rebel SL1 & PowerShot SX70 HS
97	pc	7	**Ceiling fan**
			◉Orbit type
			◉metal blade 16"
			◉three speed controller
98	unit	1	**Audio Amplifier Two Channels**
			Stereo output power 8Ω: 650Wattsx2
			Stereo output power 4Ω: 1100Wattsx2
			Total harmonic distortion: <0.01%
			Signal-to-noise ratio: >105dB
			Input impedance: balanced 20KΩ/unbalanced 10KΩ
			Input sensitivity: 0db/1V
			Voltage gain: adjustable, maximum 32dB (40 times)
			Frequency response: 20Hz~20KHz ±0.15dB

			Conversion rate: 50V/us
			Channel isolation: 105dB (1KHz); 80dB (20KHz)
			Damping coefficient: 80/1KHz ＞ 250
			Connector: Input: XLR female, TRS (1/4 inch) output terminal and Speaker socket
			Indicator light: signal indicator, protection indicator, overheat protection, overload protection
			AC input voltage: AC220V/50-60HZ
99	pc	24	**Computer Keyboard USB**
			◉Standard Keyboard with 104 Keys
			◉USB Connection
			◉Low Profile Key Caps
			◉Minimum Key Noise
			◉Laser Printing for Key Layout
			◉Spill Resistant Design
100	pc	24	**Computer Monitor 21.5", VA**
			Size: 21.5"
			Panel Type: VA
			Resolution: 1920x1080 (FHD)
			Refresh Rate: 75Hz
			Response Time: 5MS
			Interface: VGA, HDMI
			With a slim and 3-sided frameless design
			Flicker Free and Low Blue Mode eye protection technology
			VESA mount compatibility
101	unit	2	**Ethernet Switch, 16 Port, Gigabit**
			Standards and Protocols IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x
			Interface :16 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX)
			Network Media 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m)
			Fan Quantity Fanless
			Power Supply 100-240VAC, 50/60Hz
			Switching Capacity 32Gbps Packet Forwarding Rate 23.8Mpps
			MAC Address Table 8K Jumbo Frame 10KB
			Green Technology Yes
			Transfer Method Store-and-Forward
102	unit	1	**External Hard Disk Drive (Portable, 4TB), USB 3.1**
			◉Shock-absorbing
			◉Interface: USB 3.1 (Max.5Gb/s)
			◉Capacity: 4TB
			◉Texture: Plastic/Rubber
			◉Operating Voltage: DC 5V, 900mA
			◉System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later

103	**pc**	**5**	**HDMI Cable, 15M**	
			Connector Type: HDMI	
			Length:15m	
			Bandwidth: 10.2Gbit/s.	
			Resolution: 4k*2k@60Hz, 4k*2k@30Hz, 1080P 3D.	
			Pure Copper	
			4 standard protective layer shields interference, no delay, no flashing screen, and the picture is stable.	
104	**pc**	**58**	**Mouse, Wired, Optical, USB**	
			◉*USB Port Connectivity*	
			◉*Sensor: Optical*	
			◉*DPI: 1600*	
			◉*Work method: Wired*	
			◉*Buttons: Left button, middle button, right button*	
			◉*Scroll wheel direction: Two way*	
			◉*Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design*	
105	**pc**	**75**	**Random Access Memory, DDR4, 3200Mhz, 8GB**	
			Memory Capacity: 8GB	
			Speed: 3200Mhz	
			Error Check: Non-ECC	
			Module Type: DIMM (For Desktop)	
			CAS Latency: CL22	
			Form Factor: DDR4	
			Pins: 288 Pin	
			Memory Voltage: 1.2V	
			JEDEC compliant and durability guaranteed	
106	**box**	**3**	**RJ 45, Passthrough, CAT6**	
			◉*100 pc/box*	
107	**pc**	**1**	**Camera Gimbal Stabilizer**	
			Camera Stabilizer 3-Axis Gimbal Handheld for DSLR Mirrorless Cameras Single,	
			• Grip Design: Single Handgrip (Slanted)	
			• Load Capacity: 4.85 lb / 2.2 kg	
			• Number of Axes: 3-Axis (Pitch (Tilt), Roll, Yaw (Pan))	
			• Wireless Frequency: Video: 2.4 GHz (2.4 - 2.483)	
			• Wireless Protocol: Bluetooth 5.0	
			• Mobile App Compatible: Yes: Android & iOS, App Name: DJI Ronin, Functionality: Adjust Settings, Remote Control, View Live Feed	
			• Mounting: 1 x 1/4"-20 Female, 1 x 3/8"-16 Female	
			• Weight: 2.43 lb / 1.1 kg (with Handlebar)	
			• Inputs/Outputs: 1 x USB-C (Power) Input, 1 x CAN (Control) Input, 1 x RSA Input	
			• Battery Type: 1 x Built-In	
			• Battery Capacity: 2450 mAh / 17.64 Wh	
			• Battery Runtime: 11 Hours	

			• Battery Charging Time: 2.5 Hours
			• Battery Chemistry: Lithium-Ion Polymer (LiPo)
			• Voltage: 7.2 VDC
			• Key feature support: Three-Axis Motorized Gimbal Stabilizer
			Force Mobile Smartphone Control
			ActiveTrack 3.0 Subject Tracking
			360° Panorama & Time-Lapse Control
			USB Type-C & Bluetooth Control
			Motor Protection, Quick Release Slider
			Control & Configure via Android/iOS App
108	unit	1	**Camera Lens**
			Compatible to Brand: Canon
			EF 50mm f/1.8 STM Lens,
			• Focal Length: 50mm
			• Maximum Aperture: f/1.8
			• Minimum Aperture: f/22
			• Lens Mount: Canon EF
			• Lens Format Coverage: Full-Frame
			• Angle of View: 46°
			• Minimum Focus Distance: 13.78" / 35 cm
			• Maximum Magnification: 0.21x
			• Optical Design: 6 Elements in 5 Groups
			• Diaphragm Blades: 7, Rounded
			• Focus Type: Autofocus
			• Image Stabilization: No
			• Filter Size: 49 mm (Front)
			• Dimensions (ø x L): 2.72 x 1.54" / 69.2 x 39.2 mm
109	pc	2	**HDMI to USB Type-C Cable**
			USB C to HDMI Type C To HDMI Converter Cable Thunderbolt 3 Adapter, Nylon Braided supports 4k 60Hz, 2-meter length, compatible with MacBook Pro M2/2022/2020/2019, MacBook Air M2/2022/2020/2018
110	pc	4	**Multi-function Mount**
			Multi-functional Mini Ball Head 360°Rotatable Aluminum Alloy Ballhead Adapter Tripod Head 1/4 Inch Screw & Cold Shoe Connection
111	pc	1	**Portable SSD 1TB**
			Specifications:
			Capacity; 1 TB
			Connector: USB-C
			Compatibility
			Compatible laptop or desktop
			Sequential Read Performance 1050MB/s
			Sequential Write Performance 1000MB/s
			Interface
			USB 3.2 Gen 2
			In The Box

			Extreme Portable SSD
			USB-C to USB-C Cable
			USB-C to USB-A Adaptor
			Safety and Warranty Guide.
112	spool	1	**RG6 (Coax) Cable, 300m**
113	pc	2	**USB Type-C Charger**
			USB type C Power supply universal compatibility, braided cable, US plug, 100-240V 50/60Hz 500mA input, 18W charging for Blackmagic Design Micro Converter SDI to HDMI 3G
114	pc	4	**Universal Tower Extension**
			Extension Cord 16 Gang With Switch WTE-516 Original Authentic
115	pc	4	**Video Transmitter/Receiver Battery**
			NP-F770 4400mAh Batteries
			• Sony L-Series mount
			• Lithium-Ion
			• 4400mAh/31.68 capacity
			• 7.2VDC
			• compatible with Hollyland Mars 400/400S PRO
116	pc	4	**Video Transmitter/Receiver Charger**
			2.1 VDC Power Adapter with US Plug for Mars 300/400/400S, 12 VDC 2 A, 100 to 240 VAC, 50/60 Hz compatible with Hollyland Mars 400/400S
117	pc	4	**Wireless Mouse**
			2.4G Wireless Rechargeable Mouse
			• USB type-C
118	unit	1	**Laptop, 13.3", Retina Display, M1 Chip (7 Cores)**
			M1 chip with 8-core CPU, 7-core GPU, and 16-core Neural Engine or higher
			13.3-inch (diagonal) LED-backlit display with IPS technology
			400 nits brightness
			Wide color (P3)
			True Tone technology
			8GB Unified Memory
			Touch ID sensor
			Storage: 256GB SSD or higher
			Operating system: macOS Big Sur
			(with Bag)
119	unit	1	**Desktop Computer (i5, 11th Gen) (Assembled)**
			◉*Processor: Intel Core i5-11500 or higher*
			◉*Motherboard: Intel H510M S2H (6+2 Phases Digital VRM, Anti-sulfur resistors, LGA 1200, Micro-ATX, PCIe 4.0, USB 3.2 Gen) or higher*
			◉*Memory: 16GB (2x8) DDR4 or higher*
			◉*SSD: 500GB NVMe M.2, or higher*
			◉*Optical Drive: DVD-RW*
			◉*Casing: W/ 700W PSU,*

			◉Monitor: 23" IPS FHD,
			◉Operating System: Genuine Windows 10 Home (OEM)
			◉Keyboard and mouse combo
			◉500W IC controlled AVR, 500VA UPS
			◉Stereo speakers
120	pc	5	**CCTV IP Camera**
			◉2MP WDR, with Built-in Mic
			◉12v, DC
			◉30m IR range,
			◉1920x1080 Max. Resolution
			◉Dome Type
			◉2.8/4mm fixed lens
121	unit	1	**DSLR Camera (24.2 MP, APS-C with 18-55mm lens)**
			◉24.2MP APS-C CMOS Sensor
			◉3.0" 1.04m-Dot Vari-Angle Touchscreen
			◉Full HD 1080p Video Recording at 60 fps
			◉45-Point All Cross-Type AF System
			◉Dual Pixel CMOS AF
			◉Expanded ISO 25600, Up to 7 fps Shooting
			◉Built-In Wi-Fi with NFCEF-S 18-55mm f/3.5-5.6 IS STM
122	unit	1	**LCD Projector SVGA (800x600)**
			◉Projection System: 3LCD Technology, RGB liquid crystal shutter
			◉Resolution: SVGA (800x600), 4:3
			◉Light Output: 3,300 Lumen- 2,050 Lumen (economy)
			◉Contrast Ratio: 15,000:1
			◉Lamp: 210 W
			◉Lamp Hours: 6,000-10,000
123	unit	3	**LCD Projector, XGA (1024x768)**
			◉Projection Method: Front/rear/ceiling mount
			◉Pixel Number: at least 786,432 dots (1024 x 768) x 3
			◉Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4
			◉Aspect ratio: 4:3
			◉Lamp Life: ECO Mode up to 5000 hrs
			◉Normal Mode up to 4000 hrs
			◉Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)
			◉Keystone Correction: Manual
			◉USB Plug 'n Play: Compatible w/ PC and MAC computers
			◉Contrast Ratio: 15.000 : 1
			◉Color Reproduction: 16.77 million color
124	btl	6	**Canon Pixma Ink Bottle,GI-790(Black)**
125	btl	5	**Canon Pixma Ink Bottle,GI-790(Cyan)**
126	btl	5	**Canon Pixma Ink Bottle,GI-790(Magenta)**
127	btl	5	**Canon Pixma Ink Bottle,GI-790(Yellow)**
128	licenses	1	**Windows 10 Operating System**

			Genuine Windows 10 Volume License
129	**unit**	**1**	**Microsoft Office 2021 Professional Plus Perpetual License**
			Includes Classic 2021 versions of Word, Excel, PowerPoint, and Outlook, plus Publisher Access and Teams
			You will receive a License Key Card inside a Sealed Box
			The License is Perpetual / No Expiration.
			This is One-time purchase for 1 PC
			Compatible with Windows 11 and Windows
			Works with Microsoft Teams
130	**unit**	**1**	**Desktop CPU (Assembled)**
			CPU Processor: Inter(R) Core(TM) i7-8700 CPU @ 3.20 GHz 3.19 GHz or higher
			Installed RAM 8.00 GB (7.87 GB usable) or higher
			System type 64-bit operating system, x64-based processor
			HD Capacity: 1TB 7200RPM SATA 6Gb/s
			Windows specifications:
			Edition: Windows 10 Pro or higher
			Version 22H2
			with license microsoft office
131	**unit**	**4**	**Desktop Monitor Only**
			Gaming Monitor - 27inch, Full HD, 0.5ms*, 165Hz (above 144Hz), G-SYNC Compatible, FreeSync Premium
			27 inch Full HD gaming monitor with an ultra-fast 165Hz refresh rate and Adaptive-Sync technology to eliminate screen tearing and choppy frame rates
			Certified as G-SYNC Compatible, FreeSync Premium technology delivering a seamless, tear-free gaming experience by enabling VRR (variable refresh rate) by default.
			0.5ms* response time for smooth gameplay, and Extreme Low Motion Blur (ELMB) Technology to further reduce ghosting and motion blur
			GameFast Input Technology minimizes input lag and provides much faster motion delivery from end devices to monitor
			Supports both Adaptive-Sync with NVIDIA GeForce* graphics cards and FreeSync with AMD Radeon graphics cards *Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards
132	**unit**	**1**	**Flatbed document scanner w/ ADF, Ethernet and WiFi Capable**
			◉Color scanning: Yes
			◉Scan speed ADF: Up to 30 ppm/60 ipm
			◉Scan type / Technology Flatbed; ADF / CMOS CIS (Contact Image Sensor)
			◉Scan resolution Hardware: Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed); Optical: Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)
			◉Scan file format For text & images: PDF, JPEG, PNG,

			BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF
			◉*Scan Size ADF: 8.5 x 122 in Maximum; 4.1 x 5.8 in Minimum; Flatbed: 8.5 x 14 in*
			◉*Scanner advanced features Auto exposure, Auto threshold, Auto detect color, Background smooth/removal, Auto detect size, Straighten content, Enhance content, Multi-feed detection sensor, Auto orient, Multicolor dropout, Edge erase, Delete blank page, Merge pages, Hole fill, PDF permissions, Document separation (single page*
			◉*Duplex ADF scanning*
			◉*ADF capacity Standard, 50 sheets (75 g/m² paper)*
			◉*Multi feed detection Yes*
			◉*Light source (scanning) Light Emitting Diode (LED)*
			◉*Output resolution dpi settings 75; 150; 200; 240; 300; 400; 500; 600; and 1200 ppi*
			◉*Twain version TWAIN Certified. Version 2.1*
			◉*Bit depth / Grayscale levels 24-bits external 48-bits internal/256*
			◉*Standard connectivity USB 2.0 and USB 3.0; Built-in Fast Ethernet 10/100/1000Base-TX network port*
			◉*Wireless capability Yes, Wi-Fi 802.11 b/g/n, Wi-Fi*
			◉*Direct Memory Standard:1 GB Processor speed*
			◉*550 MHz /*
			◉*Duty cycle (daily) Recommended daily duty cycle: 4000 pages (ADF), 100 pages (Flatbed) Media types supported Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index)*
133	pc	2	**Ink, Epson, 001, Genuine Black 127ml, C13T03Y100**
134	btl	25	**Epson 001 ink, Black, 127ml, Genuine**
135	btl	25	**Epson 001 ink, Cyan, Genuine**
136	btl	25	**Epson 001 ink, Yellow, Genuine**
137	unit	2	**Laptop**
			CPU: 13th Generation Intel® Core™ i5-1335U Processor (12MB Cache, up to 4.60 GHz) or higher
			Storage: 512GB M.2 PCIe NVMe Solid State Drive or higher
			RAM: 8GB 4800MHz LPDDR5 Memory Onboard or higher
			Graphics: Intel® Iris® Xe Graphics
			Screen: 14.0-inch 16:10 FHD+ (1920 x 1200) Anti-Glare Non-Touch 250nits WVA Display with Comfort View Support
			Keyboard: Titan Gray English International Backlit Keyboard, Power Button with Fingerprint Reader
			Wireless: Intel(R) Wi-Fi 6E (6GHz) AX211 2x2 Bluetooth 5.2 Wireless Card
			Battery: 4-Cell Battery, 54WHr (Integrated), 65 Watt AC Adapter
			OS: Licensed Windows 11 Home Single Language English
			OPI: Licensed w/ Microsoft Home & Student 2021
			Carry Case: Backpack 15

			Warranty: 24 Months Premium Support and Onsite Service-Retail-PH based
			(with Bag)
138	**unit**	**2**	**WiFi router**
			◉*Wired standard: IEEE802.3, IEEE802.3u*
			◉*Interface: 10 / 100Mbps WAN port * 1 10/100Mbps LAN ports*3*
			◉*Antenna: 6dBi external dual-frequency omnidirectional antenna * 5*
			◉*Button: WiFi on / off * 1, WPS / Reset button * 1*
139	**unit**	**1**	**65" Smart TV**
			Model year: 2022
			STAND WIDTH (STANDARD POSITION): at least 45.5" (1,153 mm)
			HDCP:HDCP 2.3 (for HDMI™ 1/2/3)
			USB DRIVE FORMAT SUPPORT: FAT16/FAT32/NTFS
			COMPONENT VIDEO (Y/PB/PR) INPUT(S): No
			HDMI INPUTS TOTAL:3 (3 Side)
			COMPOSITE VIDEO INPUT(S): 1 (rear)
			RS-232C INPUT(S): No
			DIGITAL AUDIO OUTPUT(S):1 (rear)
			IF (SATELLITE) INPUT(S): No
			USB HDD RECORDING: No
			HDMI AUDIO RETURN CHANNEL (ARC): Yes (eARC/ARC)
			RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S): 1 (Side)
			HEADPHONE OUTPUT(S): 1 (Side)
			WI-FI FREQUENCY: 2.4 GHz/5 GHz
			USB PORTS: 2 (Side)
			USB PLAYBACK CODECS: MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 TS (HDV, AVCHD):MPEG2, AVC/MP4 (XAVC S):AVC, MPEG4, HEVC, AV1/AVI:MotionJpeg/ASF(WMV):VC1/MOV:AVC, MPEG4/MKV:AVC, MPEG4, VP8, HEVC/3GPP:MPEG4, AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG, WEBM:AV1/AC4/ogg/AAC
			WI-FI STANDARD: Wi-Fi Certified 802.11a/b/g/n/ac
			CHROMECAST BUILT-IN: Yes
			APPLE HOMEKIT: Yes
			BLUETOOTH PROFILE SUPPORT: Version 5.0, HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/A2DP (stereo audio) 1/AVRCP (AV remote control)/SPP (Serial Port Profile)
			ETHERNET INPUTS: 1 (rear)
			APPLE AIRPLAY: Yes
			Features
			• Intelligent TV processing with 4K Processor X1
			• Produces a wide array of colors with dynamic contrast range

			• Google TV with Google Assistant (1)
			• Blur-free picture quality with Motionflow XR
			• Upscale your content to near-4K(2) with 4K X-Reality PRO
			What's In The Box
			Table Top Stand
			Voice Remote Control
			Batteries
			AC Power Cord
			Operating Instructions
			Quick Setup Guide
			with free installation
140	unit	1	**Laptop 14" (i3)**
			◉Processor : Intel Core i3-1005G1 Processor 4M Cache, up to 3.40 GHz or higher
			◉Operating System : Licensed Windows 10 Home or higher
			◉Memory : 4GB Onboard memory, 1 x SO-DIMM socket , total up to 8 GB SDRAM or higher
			◉Display : 14.0" (16:9) LED-backlit HD (1366x768) 60Hz Anti-Glare Panel with 45% NTSC
			◉Graphics : Integrated Intel UHD Graphics
			◉Storage : 512GB PCIe Gen3 x2 SSD or higher
			◉Networking : Integrated Wi-Fi 5 (802.11 ac) Bluetooth 5.0
			◉Battery : 2 -Cell 32 Wh lithium-polymer battery
			(with Bag)
141	unit	1	**Desktop Computer (i7), 11th Gen, 8GB RAM (Assembled)**
			◉Processor: Intel® Core™ i7-11700 or higher
			◉Chipset: Intel®H510 with ultradurable capacitors
			◉Graphics: Intel® UHD Graphics 750
			◉Memory: at least 8 GB Dual Channel, DDR4 at 3200MHz
			◉Expansion Slots: 1 x M.2, 2 x PCI-e x 1, 1 x PCI-e x 16
			◉SATA: 4 x SATA 6Gb/s *1
			◉Storage: at least 250 GB M.2 SSD
			◉Operating System: Genuine Windows 10 Home
			◉Power Supply: at least 500 W Peak with ATX case
			◉Monitor: 24" LED IPS Full HD
			◉Keyboard and Mouse
142	btl	20	**Epson 001 ink, Magenta, Genuine**
143	unit	1	**Cisco VOIP Phones**
			Cisco CP-7821-3PCC or Cisco CP-6821-3PCC
			2 channels with power supply (Existing VSU IPPhone Fleet)
144	unit	1	**Biometrics Machine**
			Face Recognition/Fingerprint Time Attendance Recorder
			High-Speed Identification Less than 1 second
			TCP/IP Port for Internet Connection
			Access Port Available to control one lock and exit button
			Easy to install and user friendly
145	unit	2	**Smart Phone 128GB 6GB RAM 5G**

			Technology: GSM / HSPA / LTE / 5G
			Dual SIM (Nano-SIM, dual stand-by)
			Display: 6.6 inches or higher
			Android 14, One UI Core 6 or higher
			Octa-core (2x2.2 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55) or higher
			Memory: 128GB 6GB RAM or higher
			Camera : 50 MP, f/1.8, (wide), PDAF, 2 MP, f/2.4, (macro), 2 MP, f/2.4, (depth)
			Camera Features: LED flash, panorama, HDR
			Video: 1080p@30fps
			3.5mm jack
			Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct or higher
			GPS, GLONASS, GALILEO
			FM radio (Exynos 1330 chipset only), recording
			Li-Po 5000 mAh, non-removable battery or higher
			with Charger included
146	pc	1	**Digital Voice Recorder**
			Built-in USB Black
			Micro card slot
			Stereo mic-in jack
			Stereo earphone jack
147	pc	1	**Apple Ipad Keyboard with Trackpad for iPad Air (4th & 5th Gen)**
			Modes: Type, View, Sketch, Read
			Keyboard Type: Attached keyboard
			Backlit Keys: Yes
			Viewing Angles: 20-60°
			Power and Connectivity: Powered by iPad via the Smart Connector
			Case
			Space to store Apple Pencil (2nd gen)
			Front and back protection
			Access all ports: Camera / Lightning
			Keyboard
			16 levels of adjustable backlighting
			Full row of iPadOS shortcut keys
			18 mm key pitch
			1 mm key travel
			Compatibility
			iPadOS 13.4 or later
			iPad Air (5th gen)
			Model: A2588, A2589, A2591
			iPad Air (4th gen)
			Model: A2316, A2324, A2325, A2072
148	unit	1	**Global Positioning System (GPS)**
			4-inch dual-orientation,
			glove friendly touchscreen display;

			8 megapixel autofocus camera;
			automatically geotags photos; tracks both GPS and GLONASS satellites;
			1-year birds Eye Satellite Imagery subscription;
			3-axis compass with barometric altimeter
149	unit	3	**LCD Projector, XGA (1024x768)**
			◉Projection Method: Front/rear/ceiling mount
			◉Pixel Number: at least 786,432 dots (1024 x 768) x 3
			◉Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4
			◉Aspect ratio: 4:3
			◉Lamp Life: ECO Mode up to 5000 hrs
			◉Normal Mode up to 4000 hrs
			◉Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)
			◉Keystone Correction: Manual
			◉USB Plug 'n Play: Compatible w/ PC and MAC computers
			◉Contrast Ratio: 15.000 : 1
			◉Color Reproduction: 16.77 million color
150	sets	5	**Desktop Computer, Assembled, 12th Gen Core i5, SDD and HDD**
			◉Processor: Intel® Core i5 12th gen with Intel® UHD Graphics 730 or higher
			◉Motherboard :Intel® H610 Chipset for 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+1+1 Hybrid Digital VRM Design, Intel® GbE LAN, NVMe PCIe 3.0 x4 M.2, High Quality Audio Capacitors and Audio Noise Guard, mATX form factor or higher
			◉RAM: 16GB DDR4 3200 Mhz or higher
			◉SSD: 512 GB NVMe PCIe Gen 3x4
			◉HDD: 1 TB 7200 RPM
			◉PSU: 650w 80 plus Bronze Certified
			◉Casing: mATX Casing with transparent acrylic side panel
			◉24" IPS monitor 72% NSTC color gamut with 75Hz refresh rate
			◉Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes (excludes number lock key) keyboard and full-sized ambidextrous optical mouse
			◉Operating system: Genuine Windows 11
151	btl	25	**EPSON INK btl 664 black**
152	btl	20	**Epson ink btl magenta**
153	btls	12	**Epson L6290 001 Ecotank Ink Black**
154	btls	1	**Epson L6290 001 Ecotank Ink Cyan**
155	btls	1	**Epson L6290 001 Ecotank Ink Magenta**
156	btls	1	**Epson L6290 001 Ecotank Ink Yellow**

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);

Technical Documents

☐ (b) Statement of the prospective bidder of all its on-going government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid in the amount of *at least 50% of the ABC or* ***at least Two Million Eight Hundred Twenty Five Thousand Pesos (PhP 2,825,000.00)***;

or

Statement of at least two (2) similar completed contracts, the aggregate amount of which should be equivalent to *at least 25% of the ABC* or ***at least Two Million Eight Hundred Twenty Five Thousand Pesos (PhP 2,825,000.00)*** and the largest of these similar contracts must be equivalent to at least half of the said aggregate amount or ***at least One Million Four Hundred Twelve Thousand Five Hundred Pesos (PhP 1,412,500.00)***; **and**

☐ (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;

or

Original copy of Notarized Bid Securing Declaration; **and**

☐ (e) Conformity with the Technical Specifications; **and**

☐ (f) Schedule of Requirements/production and delivery schedule; **and**

☐ (g) Manpower requirements; **and**

☐ (h) After-sales service/parts; **and**

☐ (i) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (j) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**

☐ (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) – at least equal to ABC (**PhP 5,650,000.00**);

or

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation (at least 10% of ABC or **PhP 565,000.00**).

II. FINANCIAL COMPONENT ENVELOPE

☐ (a)   Original of duly signed and accomplished Financial Bid Form; **<u>and</u>**

☐ (b)   Original of duly signed and accomplished Price Schedule(s).

Guidelines on the Preparation of Electronic Bid (e-Bid)
(for bidders who prefer electronic bid submission)

1. Scan per file all documents into Portable Document Format (PDF) and should be printable.
2. Properly label all documents for prompt identification. Filename of documents, whichever are applicable to the bidder, should be as follows:

Document	Filename (in PDF form)
1. PhilGEPS Certificate of Registration (Platinum)	PhilGEPS
2. Statement of On-Going Government & Private Contracts	Statement of On-Going Contracts
3. Statement of Bidder's Single Largest Completed Contract	SLCC
4. Statement of at least two (2) similar completed contracts	Statement of Completed Contracts
5. Bid Security	Bid Security
6. Technical Specifications	Technical Specifications
7. SCHEDULE of Requirements/Production and delivery schedule	Schedule of Requirements
8. Manpower Requirements	Manpower Requirements
9. After Sales service/parts	After Sales
10. Omnibus Sworn Statement	Omnibus Sworn Statement
11. Audited Financial Statements	Audited Financial Statements
12. Net Financial Contracting Capacity	NFCC
13. Committed Line of Credit	CLC
14. Bid Form	Bid Form
15. Price Schedule	Price Schedule

3. Create two (2) folders that are password-protected. The first folder should contain all requirements under Technical Component checklist as presented under Section VIII. The second folder should contain all requirements under Financial Component checklist.
4. Compress the two (2) folders and name as follows: a) first folder: **Technical Documents**, b) second folder: **Financial Documents**.
5. Email the 2 compressed folders to Ms. Jessamine C. Ecleo at **jessamine.ecleo@vsu.edu.ph** before the deadline (March 13, 2024; 1:30 PM).

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Government Procurement Policy Board