



BID BULLETIN 01

Date: 16 November 2021

Project Title: *Supply and Delivery of I.T. and Office Equipment and Supplies (GOODS-21-55)*

Location: VSU Main, Visca, Baybay City, Leyte

Bidders are hereby informed/reminded of the following addendums/amendments/clarifications:

I. LIST OF REQUIREMENTS

(1st Envelope) TECHNICAL COMPONENT ENVELOPE	
<i>Legal Documents</i>	
1	PhilGEPS Certificate of Registration (Platinum)
	or
	a. Registration Certificate (SEC, DTI or CDA)
	b. Mayor's/Business Permit
	c. Tax Clearance
<i>Technical Documents</i>	
2	Statement of All On-Going Government & Private Contracts
3	Statement of Bidder's Single Largest Completed Contract (at least 50% of the ABC or Php 1,232,393.00)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 1,232,393.00 and the largest of which should be at least Php 616,196.50 .
4	Bid Security
5	Technical Specifications
6	SCHEDULE of Requirements/Production and delivery schedule
7	Manpower Requirements
8	After Sales service/parts from acceptance of delivered goods (at least 1 year for equipment and 3 months for supplies)
9	Original Duly Signed Omnibus Sworn Statement
<i>Financial Documents</i>	
10	The Supplier's Audited Financial Statements
11	Net Financial Contracting Capacity (at least Php 2,464,785.00)
	Or
	Committed Line of Credit (at least Php 246,478.60)
(2nd Envelope) FINANCIAL COMPONENT ENVELOPE	
12	Original of duly signed and accomplished Financial Bid Form
13	Original of duly signed and accomplished Price Schedule(s)



Please take note:

In the **Technical Specifications**, bidders must state either “Comply” or “Not Comply” **against each of the individual parameters of the specifications** per item stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in the **Bidders Bid** and cross-referenced to that evidence. Evidence shall be in the form of **manufacturer’s un-amended sales literature (Data Sheets), unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data, and Brand and Model** 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 Bidders 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 provisions of **ITB** Clause 3.1(a)(ii) and/or **GCC** Clause 2.1 (a)(ii).

II. Preparation of Electronic Bid (for bidders who prefer electronic bid submission)

1. Convert 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. Registration Certificate (SEC/DTI)	Registration Certificate
3. Mayor’s/Business Permit	Mayor’s-Business Permit
4. Tax Clearance	Tax Clearance
5. Statement of On-Going Government & Private Contracts	Statement of On-Going Contracts
6. Statement of Bidder's Single Largest Completed Contract	SLCC
7. Statement of at least two (2) similar completed contracts	Statement of Completed Contracts
8. Bid Security	Bid Security
9. Technical Specifications	Technical Specifications
10. SCHEDULE of Requirements/Production and delivery schedule	Schedule of Requirements
11. Manpower Requirements	Manpower Requirements
12. After Sales service/parts	After Sales
13. Omnibus Sworn Statement	Omnibus Sworn Statement
14. Audited Financial Statements	Audited Financial Statements
15. Net Financial Contracting Capacity	NFCC
16. Committed Line of Credit	CLC
17. Bid Form	Bid Form
18. 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.

III. Changes in the Bidding Documents

Original	Amendment
<p>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>04 November -24 November 2021 until 8:30 AM</i> 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 Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p>	<p>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>04 November - 24 November 2021 until 8:30 AM</i> 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 Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p> <p>The Bidders may also deposit the applicable fee to Visayas State University Landbank Account:</p> <p>Account Name: Visayas State University Fund 164 Account Number: 3572-1000-13</p> <p>And send the deposit slip to Ms. Jessamine C. Ecleo at jessamine.ecleo@vsu.edu.ph</p>



IV. Revised List of Goods and Technical Specifications

- Some Specifications were added (red) and/or deleted (blue)
- Some Quantities and Unit Prices (ABC) were changed

Item No.	Description	Unit	Qty	ABC/Unit (Pesos)	Total ABC (Pesos)
1	1 GBPS SFP Single mode Module	unit	2	10,000.00	20,000.00
	■1G SFP LC LX 10KM SMF XCVR, must be compatible with ARUBA and HPE Switches				
2	1TB, Hard disk Drive, 7200rpm, for desktop	piece	1	3,000.00	3,000.00
	■at least 1TB				
	■SATA at least 6Gb/s interface optimizes burst performance;				
	■at least 64MB Cache				
	■Average Data Rate, Read/Write : 156				
	■Max Sustained Data Rate, OD Read (MB/s) : 210				
	■Cache, Multisegmented (MB) : 64				
3	2065-10-9 RF/ Coaxial BNC Connector	pcs	8	200.00	1,600.00
	characteristics impedance: 75 ohms				
	Voltage rating: RMS: 500 V				
	Return Loss: Less than -36 dB to 1 GHz; -25 dB to 2 GHz; -23 dB to 3 GHz; -20 dB to 5 GHz				
	Contact Resistance: Center Contact: 0014 ohms				
	Outer Contact: .002 ohms				
	Insulation Resistance: 5000 MOhms				
	Finishes: Body/Bayonet: Nickel				
	Center Conductor: gold plating over copper plate				
	Dimension: (L x W): 1' x 0.57" (25.4 x 14.5 mm)				
	Package weight: 0.025 lb				
	Box dimension (LxWxH): 3.95 x 2 x 0.6"				
4	RJ-45 Volition U.S. standard Faceplate face plate panel double port 2-Port IO Information Outlet plate	pc	6	150.00	900.00
	■Must be compatible with Philippine standard utility box				
	■IO Information Outlet plate				
	■Ensure easy fitting and smart presentation of the RJ45 jacks				
	■The Keystone mounting feature of the Jack may allow you to use other Keystone boxes or faceplates.				
	■High performance				
	■Brand new				



	<ul style="list-style-type: none"> ☐comes with 2 pcs screws 				
	<ul style="list-style-type: none"> ☐Existing fleet of VSU Faceplate and should be compatible with existing keystone 				
5	Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount, US Standard	pc	12	350.00	4,200.00
	<ul style="list-style-type: none"> ☐Must be compatible with Philippine standard utility box 				
	<ul style="list-style-type: none"> ☐IO Information Outlet 				
	<ul style="list-style-type: none"> ☐Tool-less jack • 				
	<ul style="list-style-type: none"> ☐Re-usable • 				
	<ul style="list-style-type: none"> ☐Shallow Depth, Cable Entry from top or bottom • 				
	<ul style="list-style-type: none"> ☐Keystone Mounting • 				
	<ul style="list-style-type: none"> ☐Accepts both solid conductors from AWG 26 to 22 and stranded conductors • 				
	<ul style="list-style-type: none"> ☐Integral shutter Benefits • 				
	<ul style="list-style-type: none"> ☐Easy and quick to install • 				
	<ul style="list-style-type: none"> ☐Fast reliable connection in record time: 8 copper conductor wired in a single connection • 				
	<ul style="list-style-type: none"> ☐Quality of connection by design: not dependant on tool condition or operator skills 				
	<ul style="list-style-type: none"> ☐Consistent results • 				
	<ul style="list-style-type: none"> ☐Easier cable management • 				
	<ul style="list-style-type: none"> ☐No need to use a new jack if a wiring mistake is made • 				
	<ul style="list-style-type: none"> ☐More space and flexibility to ensure the cable minimum bend radius is never compromised • 				
	<ul style="list-style-type: none"> ☐Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting • 				
	<ul style="list-style-type: none"> ☐Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors • 				
	<ul style="list-style-type: none"> ☐Increased dust protection, especially during installation • No additional shuttering required on faceplates • 				
	<ul style="list-style-type: none"> ☐Higher port density • 				
	<ul style="list-style-type: none"> ☐Allows direct mounting into floor boxes • 				
	<ul style="list-style-type: none"> ☐An integral shutter protects the jack in the patch panel • 				
	<ul style="list-style-type: none"> ☐Should be compatible with the existing fleet of VSU faceplates 				
6	Air Condition Non-Inverter Window type 0.5HP, Standard size	unit	6	14,500.00	87,000.00
	<ul style="list-style-type: none"> ☐at most 600 Watts 				
	<ul style="list-style-type: none"> ☐cooling capacity: at least 5000 Kilo joules per hour 				
	<ul style="list-style-type: none"> ☐at least EER 10.0 				



7	Antivirus Software 3 Device, 1+1 Year Licence include VPN (enrolled auto-renewal)	pc	7	2,000.00	14,000.00
	<ul style="list-style-type: none"> ■ Antivirus Software keeps your PC/Laptop/Mobile device safe from Trojans, viruses, spyware, rootkits, and more, with state-of-the-art anti-malware protection ■ Detects, quarantines, and blocks viruses and malware to prevent damage to your PC/Laptop ■ Keep zero-day threats and botnets at bay - McAfee Active Protection and Global Threat Intelligence technology have you covered ■ Block inappropriate sites ■ Two-Way Firewall system monitors and stops traffic in and out of your PC ■ Keep sensitive files private by storing them on your PC with 128-bit encryption ■ Eliminate the hassle of passwords with the password manager app 				
8	Canon GI-790 Ink, Black, Genuine	btl	6	450.00	2,700.00
9	Canon GI-790 Ink, Magenta, Genuine	btl	6	450.00	2,700.00
10	Canon GI-790 Ink, Yellow, Genuine	btl	6	450.00	2,700.00
11	Canon GI-790 Inks, Cyan, Genuine	btl	6	450.00	2,700.00
12	Canon Pixma Ink Bottle, GI-790(Black), Genuine	btls	5	400.00	2,000.00
	<ul style="list-style-type: none"> ■ Ink refill 				
13	Canon PIXMA iP2770 Ink, Cartridge Black, Genuine	pc	2	900.00	1,800.00
14	Canon PIXMA iP2770 Ink, Cartridge Colored, Genuine	pc	3	900.00	2,700.00
15	Cat6 UTP Cable	spool	2	8,000.00	16,000.00
	<i>Cat6 UTP Cable 4 pairs (Genuine ISO/ UL Certified cable) 1000ft/ Spool</i>				
16	CCTV IP Camera	piece	3	3,192.00	9,576.00
	<ul style="list-style-type: none"> ■ 2MP WDR, with Built-in Mic ■ 12v, DC ■ 30m IR range, ■ 1920x1080 Max. Resolution ■ Dome Type ■ 2.8/4mm fixed lens 				
17	Ceiling fan	pc	2	2,500.00	5,000.00
	<ul style="list-style-type: none"> Orbit type metal blade 16" three speed controller 				
18	Chest Freezer, at least 29 cu. ft.	unit	3	49,000.00	147,000.00
	<i>at least 29 cu.ft. Chest Type Freezer with Dual Function Feature – Freezer or Chiller</i>				
	<i>Product Description:</i>				
	<i>at least 29 cu.ft. Solid Top Chest Freezer</i>				
	<i>Dual Function – Freezer or Chiller</i>				



	Fast freezing mode				
	With Key lock				
	Roller feet				
	Frontal Temperature control				
	Clean Back Design				
	Frontal Drain				
	Aluminum Inner Lining				
	3 Doors				
	5 Wire Baskets				
	Biggest Capacity Available in the market				
19	Computer Monitor 24", IPS, Brand new	set	5	7,500.00	37,500.00
	■Panel Size: Wide Screen at least 23.8"(60.5cm) 16:9				
	■Color Saturation : at least 72%(NTSC)				
	■Panel Type : In-Plane Switching				
	■True Resolution : 1920x1080				
	■Brightness(Max) : 250 cd/m				
	■Contrast Ratio (Max) : 1000:1				
	■Response Time : 5ms (Gray to Gray)				
	■Display Colors : at least 16.7M				
	■Flicker free				
20	Computer Printer, All-in-One/Multifunction Colored-Ink Tank, Brand new	unit	5	11,000.00	55,000.00
	■Ultra-low-cost printing: Print up to 8,100 pages in black and 6,500 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				
21	Data Cabinet, 9U	unit	1	10,000.00	10,000.00
	9U Wall Mount Network Server Data Cabinet Enclosure Rack Glass Door Lock w/ Fan				
	Feature:				
	Solid construction				
	Easy to install, no assembly required				
	Compact design				
	Includes one ceiling fan for cooling				
	2 removable side panels with key locks				



	Top open brackets for cable and wire access				
	Fits standard 19" rack-mount equipment				
	Maximum rail depth of 13"				
	Total usable space of 16" front to back				
	Specifications:				
	Color: black				
	Enclosure material: steel				
	Dimension: at least 21.7" x 17.7" x 21.7" (L x W x H)				
	Thickness of pillar: 2mm				
	Thickness of armored glass: 5mm				
	Rack u height: 9				
	Package includes:				
	1 X Network Cabinet				
	2 X Keys				
	1 X Screws Set				
22	DC Power Supply 5V 2A	pc	1	600.00	600.00
	AC/DC 5V 2A Switching power supply power adapter				
23	Desk Electric fan	pc	1	2,000.00	2,000.00
	16" metal blade				
	three speed controller				
24	Desktop Computer (i3), Assembled, Brand new	set	4	30,000.00	120,000.00
	■Processor: Intel Core i3- 10th Gen. Processor (9M Cache, up to 4.10 GHz) or higher				
	■Motherboard: Intel H310 Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151				
	■ at least 8GB DDR4 2400 DIMM Desktop Memory				
	■SSD: at least 240GB				
	■Keyboard and Mouse Combo				
	■Casing with Power Supply				
	■Monitor: at least 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				
25	Document Scanner w/ ADF, Brand new	unit	1	40,000.00	40,000.00
	■Flatbed Colored Document Scanner				
	■Combining a flatbed scanner with the convenience of a 50-page ADF				
	■Quickly scan stacks of documents up to 8.5" x 14"				
	■Resolution: 1200 x 1200 dpi				



26	DSLR Camera (24.2 MP, APS-C with 18-55mm lens), Brand new	unit	2	50,000.00	100,000.00
	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 NFC/EF-S 18-55mm f/3.5-5.6 IS STM				
27	DVD RW Disc	pack	1	2,000.00	2,000.00
	Type: Storage media - DVD+RW (DVD Re-Writable)				
	Dimension: 120mm (4.7 inch)				
	4.7GB storage capacity				
	4x Write Speed				
	120 Minutes storage capacity				
	Add, erase or write over content on a disc				
	50pcs/spindle/pack				
28	DVD+RW 8x 4.7Gb w/indiv case	pieces	20	50.00	1,000.00
29	DVD-R Disc	pack	1	1,000.00	1,000.00
	4.7GB Capacity, 1-16x write speed				
	Recording time: HQ: 1 hr, SP: 2 hrs, LP: 4hrs				
	Wide compatibility, Fast Addressing, Archival Reliability, Stable Writing, Temperature Adaptability				
	Supplied in 50 pack shrink wrap.				
30	Electric fan	pc	3	2,500.00	7,500.00
	Stand fan 16" metal blade				
	Adjustable height				
	three speed controller				
31	Epson FX1170, Ribbon Cartridge, Genuine	box	2	600.00	1,200.00
32	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	2	3,800.00	7,600.00
	■Shock-absorbing <i>silicon casing-delete</i>				
	■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				
33	External Hard Disk Drive (Portable, 2TB), USB 3.1	unit	14	4,200.00	58,800.00
	■Shock-absorbing <i>silicon casing-delete</i>				
	■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				
34	External Hard Disk Drive (Portable, 4TB), USB 3.1	unit	3	7,000.00	21,000.00
	■Shock-absorbing <i>silicon casing-delete</i>				
	■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				
35	External Solid State Drive, (Portable, 500GB), USB 3.1	pc	1	6,000.00	6,000.00
	Storage Capacity: 500 GB or higher				
	Connection Interface: 1 x USB 3.1 (USB Type-C)				
	Maximum Read Speed: 550 MB/s				
	Type Solid-State Drive				
	Form Factor: 2.5"				
	Cooling System Passive				
	Environmental Resistance Shock				
	IP Rating IP55				
36	Fiber Optic Cable Single Core	meters	2000	4.00	8,000.00
	Fiber Optic Cable single core with double messenger pre-terminated SC both ends				
37	Flash Drive, 128GB, USB 3.0	pcs	1	1,500.00	1,500.00
	■Capacity:128GB				
	■Interface: USB 3.0				
	■Speed: 100MB/s read, 10MB/s write				
38	Flash Drive, at least 32GB USB 3.0	piece	13	800.00	10,400.00
39	Heavy Duty Microphone Wire	meters	46	71.00	3,266.00
	stereo 3 wires				
	coated silver wires				
	low noise reduction				
40	Industrial Exhaust Fan	unit	8	5,000.00	40,000.00
	Product Specification				
	16 inches wall hanging exhaust fan with shutter blades				
	145 watts				
	High Quality Motor				
	Low Wattage Consumption				
	2880m ³ / hour air delivery				



	<i>Unit Dimension : 48 x 27 x 48 cm (L x W x H)</i>				
41	industrial fan	pc	1	3,500.00	3,500.00
	<i>ground type</i>				
	<i>at least 18 inches metal blade</i>				
	<i>three speed rotary switch controller</i>				
	<i>tilting head adjustment with oscillation</i>				
42	Industrial Floor Fan	unit	4	5,500.00	22,000.00
	<i>Product Specification:</i>				
	<i>20" Inches Floor fan</i>				
	<i>150 Watts power</i>				
	<i>3 speeds-Low, Mid, & High</i>				
	<i>With thermal overheat protection</i>				
	<i>Wider area of coverage airflow</i>				
	<i>Easy to assemble base stand</i>				
	<i>360 degrees unrestricted tilting angle with side locking bolt & nut for maximum airflow coverage</i>				
43	Industrial Wall Fan	unit	5	8,000.00	40,000.00
	<i>Product Specification:</i>				
	<i>26 Inches Industrial wall mounted fan</i>				
	<i>4-bladed fan with volume control for wide range of fan speed</i>				
	<i>with oscillation</i>				
	<i>235 watts power</i>				
	<i>With Timer Function of 1HR, 2HR, 4HR & 8HR</i>				
	<i>with built-in thermal fuse</i>				
	<i>with wall-mount bracket</i>				
	<i>Color: Gray</i>				
44	Ink Cartridge, HP680, black, Genuine	pcs	10	465.00	4,650.00
45	Ink Cartridge, HP680, tri color, Genuine	pcs	10	465.00	4,650.00
46	Ink Cartridge, HP704, black, Genuine	pcs	40	595.00	23,800.00
47	Ink Cartridge, HP704, tri color, Genuine	pcs	40	595.00	23,800.00
48	Ink continuous, refill, black (Brother DCP T310), Genuine	btls	6	400.00	2,400.00
	<i>Ink continuous, refill, yellow (Brother DCP T310) BT5000Y - Yellow;</i>				
49	Ink continuous, refill, cyan (Brother DCP T310), Genuine	btls	6	400.00	2,400.00
	<i>Ink continuous, refill, cyan (Brother DCP T310) BT5000C - Cyan;</i>				
50	Ink continuous, refill, magenta (Brother DCP T310), Genuine	btls	6	400.00	2,400.00
	<i>Ink continuous, refill, magenta (Brother DCP T310) BT5000M - Magenta;</i>				
51	Ink continuous, refill, yellow (brother DCP T310), Genuine	btls	6	400.00	2,400.00
	<i>yellow (brother DCP T310);</i>				



52	Ink, Epson 003,Genuine Black 65mL	btl	35	350.00	12,250.00
53	Ink, EPSON 003,Genuine Cyan 65mL	btl	24	350.00	8,400.00
54	Ink, EPSON 003,Genuine Magenta 65mL	btl	24	350.00	8,400.00
55	Ink, EPSON 003,Genuine Yellow 65mL	btl	24	350.00	8,400.00
56	Ink, Epson, genuine (C) T664, 70 ml	pieces	45	350.00	15,750.00
57	Ink, Epson, genuine (M) T664, 70 ml	pieces	43	350.00	15,050.00
58	Ink, Epson, genuine, (BK) T664, 70 ml	pieces	52	350.00	18,200.00
59	Ink, Epson, genuine, (Y) T664, 70 ml	pieces	45	350.00	15,750.00
60	Keyboard And Mouse Combo Bundle, USB powered	set	3	600.00	1,800.00
	■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				
61	Laminator Machine, A3	unit	2	5,000.00	10,000.00
	■Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection				
62	Laminator Machine, A3	unit	1	5,000.00	5,000.00
	■Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection				
63	Laptop, 13.3", Retina Display, Chip (7 Cores)	unit	1	60,000.00	60,000.00
	microchip with 8-core CPU, 7-core GPU, and 16-core Neural Engine				
	13.3-inch (diagonal) LED-backlit display with IPS technology				
	400 nits brightness				
	Wide color (P3)				
	True Tone technology				
	at least 8GB Unified Memory				
	Touch ID sensor				
	Storage: at least 256GB SSD				
	Operating system: macOS Big Sur				
	Good for multi-media productivity tools				
64	Laser Presentation Remote / Wireless	piece	2	700.00	1,400.00



	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				
65	Media Converter, SC Single Core	pair	1	1,600.00	1,600.00
	1 Pair Media Converter (A/B),				
	Fiber Optical Single Mode				
	Single Fiber SC Port				
	25KM				
	External Power Supply 1G Fiber Converter				
66	Memory, DDR4 (16GB)	pc	3	4,000.00	12,000.00
	■ 2x8GB 2400Mhz DDR4				
	■ Non-ECC CL15 DIMM				
	■ Desktop Memory RAM with heat spreaders				
67	Mouse, Wired, Optical, USB	pieces	1	210.00	210.00
	■ 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				
68	Paper shredder machine, heavy duty	pieces	1	6,000.00	6,000.00
	■ Shred Type: Cross Cut				
	■ Maximum Sheet capacity(70gsm) : 10 Sheets				
	■ Waste Container capacity: 21 Liters				
	■ Power Source: 220 - 240 VAC				
69	Power supply, at least 550 watts	piece	2	2,700.00	5,400.00
	true rated				
	■ at least 550 watts power rating				



	<ul style="list-style-type: none"> ■ High efficiency with 80 PLUS certification ■ 24/7 continuous power output with 40°C operating temperature ■ Class-leading single +12V rail ■ Active PFC Circuitry ■ PCI-E 8pin and PCI-E 6pin connector support ■ Silent running 120mm fan with 18dBA 				
70	<p>Printer, All-in-One Wireless Ink Tank Color</p> <ul style="list-style-type: none"> ■ Product Description ◀ Product Details of All-in-One Wireless Ink Tank Colour Printer ◀ Printing resolution(dpi): 4800(horizontal) x 1200(vertical) ◀ Interface: USB Port=Hi-Speed USB *1, LAN Port=Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b*2 ◀ Multiple copy: Max. 20 pages ◀ Maximum scanning size: A4/Letter, 8.5" x 11.7"/216x297 mm ◀ Multiple Copy: Mx. 99 pages ◀ Scanner Driver: Windows=TWAIN 1.9 Specification, WIA ◀ Scanning resolution: optical resolution (horizontal x vertical)= 600 x 1200 dpi ◀ Gradation (input/Output): Gray=16bit/8bit, Color= RGB each 16bit/8bit ◀ Data Compressing System: Black=MH, MR, MMR, Color= JPEG ◀ Modem Speed: Max. 33.6 kbps ◀ Density adjustment: 3 levels ◀ Memory: Transmission/reception= approx. 50 pages ◀ Color: 200 x 200 dpi ◀ Operating System: Windows 10,8.1,7 SP1 ◀ Hard Disk Space: 3.1GB ◀ Display: XGA 1024 x 768 ◀ Connectivity Type: WiFi ◀ Wireless LAN: Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b ◀ Frequency bandwidth: 2.4 GHz ◀ WCN (WCN-NET) • Easy wireless connect ◀ Other Features: Administration password ◀ Other Supported OS: iOS, Android, Windows 10 Mobile ◀ Mobile Printing Capability: Google Cloud Print, Apple AirPrint 	unit	2	10,500.00	21,000.00
71	<p>Printer, Ink Tank, Print Only</p> <ul style="list-style-type: none"> ■ Printing Technology: On-demand inkjet (Piezoelectric) 	unit	6	8,000.00	48,000.00



	<ul style="list-style-type: none"> ■ <i>Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)</i> 				
	<ul style="list-style-type: none"> ■ <i>Print Direction: Bi-directional printing</i> 				
	<ul style="list-style-type: none"> ■ <i>Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)</i> 				
	<ul style="list-style-type: none"> ■ <i>Minimum Ink Droplet Size: 3 pl</i> 				
	<ul style="list-style-type: none"> ■ <i>Compact integrated tank design</i> 				
	<ul style="list-style-type: none"> ■ <i>High yield ink bottles</i> 				
	<ul style="list-style-type: none"> ■ <i>Spill-free, error-free refilling</i> 				
	<ul style="list-style-type: none"> ■ <i>Borderless printing up to 4R</i> 				
72	RG6 1694 Digital Coaxial Cable	meters	17	172.00	2,924.00
	<i>Inductance (uH/1' [0.3 m]) 0.106</i>				
	<i>Capacitance (pF/1' [0.3 m]) 16.2</i>				
	<i>bare Copper Conductor</i>				
	<i>gas-Injected Foam HDPE Insulation</i>				
	<i>Duofoil Tinned- Copper Braided Shield</i>				
	<i>18 AWG</i>				
	<i>Operating Voltage UL: 300V, RMS</i>				
	<i>Operating Temperature: -22 to 167F / -30 to 75C</i>				
	<i>resistance 75 ohm</i>				
73	RJ-45 Modular Connector (AMP)	pieces	10	20.00	200.00
74	Router, Wireless	piece	3	4,900.00	14,700.00
	<ul style="list-style-type: none"> ■ <i>Enjoy the benefits of Wireless-N300 (802.11n) in your home ideal for surfing the web, emailing and printing wirelessly</i> 				
	<ul style="list-style-type: none"> ■ <i>Connect your computers, wireless printers, smartphones, and other wireless devices at up to 300 Mbps transfer speed</i> 				
	<ul style="list-style-type: none"> ■ <i>Enjoy broad wireless coverage provided by MIMO antenna technology</i> 				
	<ul style="list-style-type: none"> ■ <i>Use four Fast Ethernet (10/100 Mbps) ports to directly connect wired devices</i> 				
	<ul style="list-style-type: none"> ■ <i>Keep your network protected with customizable security settings, including WPA/WPA2 Personal and SPI firewall protection</i> 				
75	UPS, 1000 VA	unit	2	3,000.00	6,000.00
	<ul style="list-style-type: none"> ■ <i>1000VA/600W capacity</i> 				
	<ul style="list-style-type: none"> ■ <i>Frequency Range: 60 Hz</i> 				
	<ul style="list-style-type: none"> ■ <i>Freq. Range (Batt. Mode): 60 Hz ± 1 Hz</i> 				
	<ul style="list-style-type: none"> ■ <i>Transfer Time: Typical 4-8 ms</i> 				
	<ul style="list-style-type: none"> ■ <i>Waveform (Batt. Mode): Simulated Sine Wave</i> 				
	<ul style="list-style-type: none"> ■ <i>Back-up Runtime: 10-15 mins</i> 				
	<ul style="list-style-type: none"> ■ <i>Voltage: 220 VAC</i> 				
	<ul style="list-style-type: none"> ■ <i>Voltage Range: 162-270 VAC</i> 				



76	UPS, at least 500 watts, at most 4 hours charging time	piece	1	2,550.00	2,550.00
77	UPS, at least 800 watts, at most 4 hours charging time	unit	3	5,000.00	15,000.00
78	USB 3.0 Hub, 7 Ports	unit	2	1,500.00	3,000.00
	<i>USB 3.0 HUB, 7 Ports, High Speed Strong Power USB HUB 3.0</i>				
	<i>Up to 5Gbps Super-Speed, High speed 480Mbps, Full Speed 12Mbps, and Low Speed 1.5Mbps Transmission</i>				
	<i>Support 2TB large capacity HDD</i>				
	<i>Plug and Play, No driver required</i>				
	<i>compatible with windows series, Mac OS, Linux,</i>				
	<i>Interface independent switch design</i>				
	<i>DC 5V power supply port</i>				
79	USB-C Digital AV Multiport	unit	1	4,000.00	4,000.00
	<i>The USB-C Digital AV Multiport Adapter lets you connect your USB-C-enabled Mac or iPad to an HDMI display, while also connecting a standard USB device and a USB-C charging cable.</i>				
	<i>This adapter allows you to mirror your Mac or iPad display to your HDMI-enabled TV or display.</i>				
	<i>3840x2160 at 60Hz on: iPad Pro 11-inch, iPad Pro 12.9-inch (3rd generation and later), MacBook Pro (16-inch, 2019), MacBook Pro (15-inch, 2017 and later), MacBook Pro (13-inch, four Thunderbolt 3 ports, 2020), MacBook Air (2020), iMac (Retina 5K, 27-inch, 2017 and later), iMac (Retina 4K, 21.5-inch, 2017 and later), and iMacPro (2018)</i>				
	<i>1080p at 60Hz or UHD (3840 by 2160) at 30Hz on: MacBook Air (2018 and later), MacBook Pro (13-inch, 2016 and later), MacBook Pro (15-inch, 2016), iMac (non-Retina, 21.5-inch, 2017), and Mac mini (2018)</i>				
	<i>Simply connect the adapter to a USB-C or Thunderbolt 3 (USB-C) port on your Mac or iPad and then to your TV or projector via an HDMI cable (sold separately).</i>				
	<i>Use the standard USB port to connect devices such as your flash drive or camera or a USB cable for syncing and charging your iOS devices. You can also connect a charging cable to the USB-C port to charge your Mac or iPad.</i>				
80	UTP Cable Cat6, AWG 24	spool	2	7,500.00	15,000.00
	<i>Cat6 4 pairs,</i>				
	<i>AWG24,</i>				
	<i>ISO, UL Certified</i>				
	<i>305m/spool</i>				



81	VOIP Phone	unit	8	6,000.00	48,000.00
	☐ 1-Line PoE+ SIP VOIP Phone SPA MAC address (IEEE 802.3) with lifetime warranty				
	☐ IPv4 (RFC 791) 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				
	☐ 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) 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)				
	☐Should be compatible with existing fleet of VSU IP Phones				
82	Water Dispenser, Cabinet type	pc	2	10,000.00	20,000.00
	☐Floor standing				
	☐Hot and cold function				
	☐plastic body,high efficiency compressor				
	☐thermally protected				
83	Wireless Access Point	unit	3	9,900.00	29,700.00
	☐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				
	☐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				
84	XLR Connectors Female	pcs	10	250.00	2,500.00
	Female 3-Pin XLR Connector				
	Number of Contacts: 3				
	Mounting type: Cable mount				
	Body Orientation: Straight				



	Contact Plating: Silver				
	Housing Material: Zinc				
	Termination Method: Solder				
	Current rating: 16A				
	Voltage Rating: 50 V				
	Contact Material: Bronze				
	Minimum Operating Temperature: -30C				
	Maximum Operating Temperature: +80C				
85	XLR Connectors Male	pcs	10	250.00	2,500.00
	Male 3=Pin XLR				
	Attribute: Value				
	Number of Contacts: 3				
	Mounting type: Cable mount				
	Body Orientation: Straight				
	Contact Plating: Silver				
	Housing Material: Nylon				
	Termination Method: Solder				
	Current Rating: 16A				
	Voltage Rating: 50V				
	Contact Material: bronze				
	Minimum Operating Temperature: -30C				
	Maximum Operating Temperature: +80C				
86	EPSON INK btl 664 black, Genuine	btls	7	500.00	3,500.00
87	HP, Laserjet Toner Cartridge, CF401A, Cyan, Genuine	pc	1	5,000.00	5,000.00
88	Desktop Computer System Unit only (i7 10th Gen or higher, with RTX 3060 Video Card), Brand new	unit	1	110,000.00	110,000.00
	■Intel® Core™ i7-10700 Processor, 16M Cache, up to 4.80 GHz, 8 Cores and 16 Threads or higher				
	■mATX motherboard with Intel z490 Chipset, ultra durable components				
	■16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory				
	■1TB 2.5-inch Solid State Drive				
	■GeForce RTX™ 3060 graphics cards 6GB GDDR6				
	■Blazing Fast Intel® 2.5GbE LAN with cFosSpeed				
	■Built in Intel® WiFi 6 802.11ax + BT 5 Module				
	■mATX Compact Chassis				
	■650W PSU 80 PLUS GOLD				
	■Genuine Windows 10 OS Pro				
	■Genuine Microsoft office 2019 with perpetual license				
89	UPS Battery Backup, 1500VA	unit	1	10,000.00	10,000.00



	☐1500vA/900w				
	☐6 battery backup sockets				
	☐USB, coax, phone/network, and serial ports				
	☐Automatic Voltage Regulation (AVR)				
	☐LCD screen				
	☐at most 4 hours charging time				
90	Computer Keyboard USB	pcs	4	400.00	1,600.00
	☐Standard Keyboard with 104 Keys				
	☐USB Connection				
	☐Low Profile Key Caps				
	☐Minimum Key Noise				
	☐Laser Printing for Key Layout				
	☐Spill Resistant Design				
91	LCD Projector, XGA (1024x768)	units	2	27,000.00	54,000.00
	☐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				
92	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF	unit	1	21,000.00	21,000.00
	☐Compact integrated tank design				
	☐Print speeds up to 15ipm for black and 8.0ipm for colour				
	☐Auto-duplex printing Fax and ADF capability / Ethernet &				
	☐Wi-Fi Direct				
	☐Borderless Printing up to A4 size				
	☐Spill-free ink refilling				
	☐Control Panel: 2.4 " Colour LCD Touch Panel				
93	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				



94	Air Conditioner, 1.5HP, Split Type, Wall Mounted, Deluxe Inverter	unit	1	35,000.00	35,000.00
	■ 1.5 HP				
	■ Split Type Air Conditioner				
	■ Wall Mounted, Deluxe Inverter				
	■ Intelligent Inverter Technology				
	■ Honeycomb Intake Grille				
	■ Nanoe-G, Auto Comfort				
	■ Quiet Mode, Mild Dry Cooling				
	■ Soft Dry Operation Mode				
	■ Odour-Removing Function				
	■ Blue Fin Condenser				
	■ R410A Refrigerant				
	■ Installation Included				
95	2-in-1 Laptop Computer Set/tablet, brand new	unit	1	105,000.00	105,000.00
	■ 12.3-inch (2736 x 1824) PixelSense display, 267ppi				
	■ Quad-core 11th Gen Intel Core i5-1135G7 Processor				
	■ Intel Iris Xe Graphics				
	■ 8GB LPDDR4X RAM				
	■ 256 GB SSD storage				
	■ Wi-Fi 6				
	■ Bluetooth 5.0				
	■ LTE Advanced				
	■ 1 x USB-C				
	■ 1 x full-size USB-A				
	■ 1 x Surface Connect port				
	■ Surface Type Cover port				
	■ MicroSDXC card reader (Wi-Fi)				
	■ 3.5mm headphone jack				
	■ 1 x nano SIM (LTE)				
	■ Windows Hello face authentication camera (front-facing)				
	■ 5MP front-facing camera with 1080p full HD video				
	■ 8MP rear-facing autofocus camera with 1080p full HD video				
	■ Dual far-field Studio Mics				
	■ 1.6W stereo speakers with Dolby Atmos				
	■ 292 x 201 x 8.5 mm				
	■ 770g				
	■ Also Included:				
	◀ 1- Surface Type Cover for Surface Pro (Platinum)				
	◀ 1- Surface Arc Mouse (Platinum)				



	◀ 1- Surface Surface Pen (Black)				
	◀ 1- Windows 10 Pro OS and Microsoft Office Suite				
96	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	9	3,000.00	27,000.00
	▣ Shock-absorbing silicon casing				
	▣ 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				
97	Digital Camera (For Underwater)	pc	1	21,000.00	21,000.00
	▣ Video: 4K60, 2.7K120, 1080P240				
	▣ Photo: 12MP				
	▣ Max video bit rate: 100Mbps (4K)				
	▣ Connectivity: Wi-Fi, Bluetooth				
	▣ SoC: GP1 Chip				
	▣ Digital lenses: SuperView, Wide, Linear, Narrow				
	▣ Burst: 12MP 3, 5, 10 and 30fps with burst options of 1, 3, 6 and 10 seconds				
	▣ Time Lapse: 0.5, 1, 2, 5, 10, 30-second and 1, 2, 5 and 30-minute intervals				
	▣ TimeWarp 2.0: 2x, 5x, 10x 15x and 30x recording speeds				
	▣ Night Lapse: 4, 5, 10, 15, 20, 30-second and 1, 2, 5 and 30-minute intervals				
	▣ Touchscreen: Intuitive 2-inch LCD				
	▣ Waterproofing: 10m (33ft) without a case				
	▣ GPS: Yes				
	▣ Voice control: Yes				
	▣ Microphones: three				
	▣ Battery: removable 1220mAh lithium-ion				
	▣ Stabilisation: HyperSmooth 2.0 with High and Boost options				
	▣ HDR: SuperPhoto, auto HDR processing				
	▣ Memory storage: microSD with at least class 10 or UHS-I rating				
	Close				
98	Genuine HP Laserjet Toner 85A (CE285A) black	boxes	3	2,200.00	6,600.00
99	Air Condition, Split type, Inverter, 2.0 HP	set	2	55,000.00	110,000.00
	▣ Cooling capacity: at least 18,500 kj/h				
	▣ wall mounted				
	with Quiet Mode				
	with Antibacterial air filter				
	with Micro Dust Filter				



	<i>with at least 10 years compressor warranty</i>				
	☐EER rating above 10				
	☐with remote control				
	☐with one year warranty on parts and services				
	☐with free installation				
100	Desktop Computer (i7 Branded), Brand New	units	2	75,000.00	150,000.00
	☐CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher				
	☐HDD: at least 256GB M.2 PCIe NVMe Solid State Drive + at least 1TB 7200 rpm 3.5" SATA Hard Drive				
	☐RAM: at least 8GB (8GBx1) DDR4 2666MHz				
	☐Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5				
	☐Screen: at least 23" IPS Monitor FHD				
	☐Optical Drive: No Optical Drive				
	☐OS: Windows 10 Home Single Language (64bit) English				
101	Laptop 14" (i3), Brand New	unit	1	33,000.00	33,000.00
	☐Processor : Intel Core i3-1005G1 Processor 4M Cache, up to 3.40 GHz or higher				
	☐Operating System : Windows 10 Home				
	☐Memory : 4GB Onboard memory, 1 x SO-DIMM socket , total up to 8 GB SDRAM				
	☐Display : 14.0" (16:9) LED-backlit HD (1366x768) 60Hz Anti-Glare Panel with 45% NTSC				
	☐Graphics : Integrated Intel UHD Graphics				
	☐Storage : at least 512GB PCIe Gen3 x2 SSD				
	☐Networking : Integrated Wi-Fi 5 (802.11 ac) Bluetooth 5.0				
	☐Battery : 2 -Cell 32 Wh lithium-polymer battery				
102	Laptop 14" (i5), Brand New	unit	2	44,000.00	88,000.00
	☐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 Onboard memory, 1 x SO-DIMM socket (for expansion)				
	☐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				
	☐Storage: at least 512GB PCIe Gen3 x2 SSD				
103	Laptop computer, i7, 16GB RAM, Brand New	unit	1	70,000.00	70,000.00



	■Processor: Intel Core i7 10th Gen or higher				
	■Memory: at least 16 GB DDR4				
	■Display: 15.6" FHD IPS LED-backlit display				
	■Storage: at least 512 GB SSD				
	■Keyboard: Backlit keyboard				
	■Ports: 2x USB 3.0 or USB C; 1x HDMI; 1x Ethernet; 1x				
	■Headphone/Microphone Jack				
	■Connectivity: 802.11a/b/g/n/ac Wi-Fi compatible; Bluetooth 5.0				
	■Battery: Lithium ion battery				
	■Security: Fingerprint button				
	■Operating system: Genuine Windows 10				
	■Warranty: 1 year with after sales service"				
104	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter	unit	1	10,000.00	10,000.00
	<i>Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter</i>				
105	Selfie LED Ring Light 10" with Tripod	units	3	500.00	1,500.00
	<i>Material: ABS+ aluminum alloy</i>				
	<i>Lighting: warm and cold light</i>				
	<i>Modes: three color light adjustment (can adjust brightness)</i>				
	<i>Working temperature: less than 45°C, no hot hazard, safe to touch</i>				
	<i>Tripod stand height: up to 210cm</i>				
106	USB Ethernet Adapter compatible to MacBook Air	pc	1	2,000.00	2,000.00
	<i>10/100 Base-T Ethernet</i>				
	<i>USB 2</i>				
107	Clamp Ammeter Tester, True RMS	unit	1	6,000.00	6,000.00
	<i>True RMS</i>				
	<i>Measurable AC 0.1A~600A</i>				
	<i>ACV & Resistance measurement</i>				
	<i>Small Design & easy to carry</i>				
	<i>Data hold</i>				
	<i>Continuity check buzzer</i>				
	<i>Sampling rate : approx.2 times / sec.AC frequency bandwidth : 50~400Hz</i>				
	<i>Includes: Test Leads and Carrying Case</i>				
108	SanDisk Ultra-delete 128GB Micro SDXC Memory Card 100MB/s UHS-1 Class 10 SDSQUNR-128G-delete	set	2	9,000.00	18,000.00
109	Computer Printer	unit	1	15,000.00	15,000.00
	■Compact integrated tank design				
	■Print speeds up to 10.5ipm for black and 5.0ipm for colour				
	■Auto-duplex printing				



	☐Wi-Fi & Wi-Fi Direct				
	☐Borderless Printing up to A4 size				
	☐Spill-free ink refilling				
	☐Warranty of 2 years or 30,000 pages, whichever comes first				
	☐Printer Type:				
	◀Print, Scan, Copy				
	☐Printing Technology:				
	☐Print Method:				
	◀On-demand inkjet (piezoelectric)				
	☐Minimum Ink Droplet Volume:				
	◀3 pl				
	☐Printer Language:				
	◀ESC / P-R				
	☐Print Direction:				
	◀Bi-directional printing, Uni-directional printing				
	☐Nozzle Configuration:				
	◀180 nozzles Black, 59 nozzles per colour (Cyan, Magenta, Yellow)				
	☐Maximum Resolution:				
	◀5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
	☐Automatic 2-sided Printing:				
	◀Yes (up to A4)				
	☐Print Speed:				
	☐Photo Default - 10 x 15 cm / 4 x 6 " *2:				
	◀1Approx. 69 sec per photo (Border) *1				
	◀Approx. 92 sec per photo (Borderless) *1				
	☐Draft, A4 (Black / Colour):				
	◀Up to 33 ppm / 15 ppm *1				
	☐ISO 24734, A4 Simplex (Black / Colour):				
	◀Up to 10.5 ipm / 5.0 ipm *1				
	☐ISO 24734, A4 Duplex (Black / Colour):				
	◀Up to 6.0 ipm / 4.0 ipm *1				
	☐Copy Speed:				
	☐Copy Quality:				
	◀Draft / Standard / Best Quality				
	☐Maximum Copies from Standalone:				
	◀99 copies				
	☐Reduction / Enlargement:				
	◀25 - 400%, Auto Fit Function				
	☐Maximum Copy Size:				
	◀A4, Letter				
	☐ISO 29183, A4 Simplex Flatbed (Black / Colour):				



	◀ Up to 7.7 ipm / 3.8 ipm				
	▣ Max Copy Resolution:0				
	◀ 1440 x 720 dpi				
	▣ Scan Function:				
	▣ Scanner Type:				
	◀ Flatbed colour image scanner				
	▣ Sensor Type:				
	◀ CIS				
	▣ Optical Resolution:				
	◀ 1200 x 2400 dpi				
	▣ Maximum Scan Area:				
	◀ 216 x 297 mm (8.5 x 11.7 ")				
	▣ Scanner Bit Depth (Colour):				
	◀ 48-bit input, 24-bit output				
	▣ Scanner Bit Depth (Grayscale):				
	◀ 16-bit input, 8-bit output				
	▣ Scanner Bit Depth (Black & White):				
	◀ 16-bit input, 1-bit output				
	▣ Scan Speed:				
	▣ Flatbed (Black / Colour):				
	◀ 200 dpi: 11 sec / 200 dpi: 28 sec				
	▣ Paper Handling:				
	▣ Number of Paper Trays:				
	◀ 1 (Paper Cassette)				
	▣ Standard Paper Input Capacity:				
	◀ 100 sheets, A4 Plain paper (80 g/m2)				
	◀ 20 sheets, Premium Glossy Photo Paper				
	▣ Output Capacity:				
	◀ 30 sheets, A4 Plain Paper				
	◀ 20 sheets, Premium Glossy Photo Paper				
	▣ Maximum Paper Size:				
	◀ 215.9 x 1200 mm (8.5 x 47.24 ")				
	▣ Paper Feed Method:				
	◀ Friction feed				
	▣ Paper Size:				
	◀ Legal, 8.5 x 13 ", Letter, A4, 195 x 270 mm, B5, A5, A6, 100 x 148 mm, B6, 5 x 7 ", 4 x 6 ", Envelopes #10, DL, C6				
	▣ Print Margin:				
	◀ 0 mm top, left, right, bottom via custom settings in printer driver (except plain paper) *3				
	▣ Card Slot / USB Host Function:				
	▣ Type of Direct Printing:				
	◀ Memory Device				



	<ul style="list-style-type: none"> ■Supported Memory Cards: 				
	<ul style="list-style-type: none"> ◀SD Memory Card 				
	<ul style="list-style-type: none"> ■Printer Software: 				
	<ul style="list-style-type: none"> ■Operating System Compatibility: 				
	<ul style="list-style-type: none"> ◀Windows XP / XP Professional x 64 Edition / Vista / 7 / 8 / 8.1 / 10 				
	<ul style="list-style-type: none"> ◀Windows Server 2003 / 2008 / 2012 / 2016 				
	<ul style="list-style-type: none"> ◀Only printing and scanning functions are supported for Windows Server OS 				
	<ul style="list-style-type: none"> ◀Mac OS X 10.6.8 or later 				
	<ul style="list-style-type: none"> ■Interface: 				
	<ul style="list-style-type: none"> ■USB: 				
	<ul style="list-style-type: none"> ◀USB 2.0 				
	<ul style="list-style-type: none"> ■Network: 				
	<ul style="list-style-type: none"> ◀Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct 				
	<ul style="list-style-type: none"> ■Network Protocol: 				
	<ul style="list-style-type: none"> ◀TCP/IPv4, TCP/IPv6, LPD, IPP, PORT9100, WSD 				
110	External Hard Disk Drive, (Portable 500GB), USB 3.0	pc	1	3,500.00	3,500.00
	<ul style="list-style-type: none"> ■Hard Drive Type:2.5" HDD 				
	<ul style="list-style-type: none"> ■USB Interface: USB 3.0 				
	<ul style="list-style-type: none"> ■Capacity:500GB 				
111	Smart 32-inch TV	pc	1	14,999.99	14,999.99
	Features				
	Android TV (with Google Assistant + Chromecast Built-in)				
	Bezel Less Ultra Bright LED Display				
	Chroma Boost Picture Engine				
	24 watts Quad-Stereo Speakers				
	Powerful 64-Bit Quad-Core Processors				
	Product Highlights				
	Height: 43.2 cm				
	Width: 73 cm				
	Length: 8.8 cm				
	Screen Size: 32-inch				
	TV Resolution: HD Ready				
	Connectivity: 2.4 GHz Wi-Fi				
	HDMI Ports: 3				
	USB Ports: 2				
	Voltage: 90V-240v 50hz				
	Wattage: 45 watts				
	Rebidding (GOODS-21-40)				
112	HP Officejet 7612 ink, genuine	sets	2	3,000.00	6,000.00
113	Ink HP GT51 Black (K) , genuine	btls	4	300.00	1,200.00



114	Ink HP GT52 Cyan (C) , genuine	btls	4	300.00	1,200.00
115	Ink HP GT52 Magenta (M) , genuine	btls	4	300.00	1,200.00
116	Ink HP GT52 Yellow (Y) , genuine	btls	4	300.00	1,200.00
117	Ink, Epson T522, (B, Y, M, C), genuine	sets	4	3,000.00	12,000.00
118	Laptop computer, i7, 16GB RAM	unit	1	70,000.00	70,000.00
	☑Processor: Intel Core i7 10th Gen or higher				
	☑Memory: at least 16 GB DDR4				
	☑Display: 13-15.6" FHD IPS LED-backlit display				
	☑Storage: at least 512 GB SSD				
	☑Keyboard: Backlit keyboard				
	☑Ports: 2x USB 3.0 or USB C; 1x HDMI; 1x Ethernet; 1x				
	☑Headphone/Microphone Jack				
	☑Connectivity: 802.11a/b/g/n/ac Wi-Fi compatible; Bluetooth 5.0				
	☑Battery: Lithium ion battery				
	☑Security: Fingerprint button				
	☑Operating system: Genuine Windows 10				
	☑Warranty: at least 2 years with after sales service"				
	Free back pack/bag				
119	LED Light, lens LED reflector and Reflector Collimator Cup	sets	2	1,500.00	3,000.00
	☑Item Type: LED Lens + Reflector + Fixed Bracket				
	☑Beam Angle: 60°, ° (Opt				
	☑Lens Height: 19mm(60°)				
	☑Lens Width: 2mm				
	☑Transmittance: >95%				
	☑Lens Material: High-Temperature Resistant Optical Glass (Temperature Resistance: - 0+°C)				
	☑Product Design: Aspheric Surface Design				
	☑Reflective Cup Diameter:50mm				
	☑Bracket Diameter: 77mm (Including Fixing Screws), 5mm (Excluding Fixing Screws)				
	☑Thickness: 6.5mm				
	☑Package List:				
	◀1 x mm Lens				
	◀1 x 50mm Reflector Cup				
	◀1 x Fixed Bracket				
120	Refillable Ink Cartridge	set	1	1,500.00	1,500.00
	Compatible Brand : HP				
	Color : C				
	Color : M				
	Color : Y				





	Color : BK				
	Compatible Brand : HP Inkjet				
	Colored : Yes				
	Model Number : For Hp920XL				
	Type : Ink Cartridge				
	Chip : with ARCchip				
121	Ink, Refill, UNIKIT for CIS black, yellow, cyan, magenta	sets	4	790.00	3,160.00
		TOTAL:			2,464,785.99

Sgnd
DILBERTO O. FERRAREN
BAC Chairman