PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Supply and Delivery of I.T. and Office Equipment & Supplies (GOODS-21-55)

Government of the Republic of the Philippines

November 24, 2021; 9:00 AM
Cooperative Building, VSU Market, Visca, Baybay City, Leyte

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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)

STFI – 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. AND OFFICE EQUIPMENT & SUPPLIES

1.   The *Visayas State University* through the *GF, STF, TF* intends to apply the sum of *Two Million Four Hundred Sixty-Four Thousand Seven Hundred Eighty-Five and 99/100 Pesos (PhP 2,464,785.99)* being the ABC to payments under the contract for *Supply and Delivery of I.T. and Office Equipment & Supplies (GOODS-21-55)*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

The *Visayas State University – Main Campus,* through the *GF, STF, and TF* 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	**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*				
	◎*comes with 2 pcs screws*				
	◎*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
	◎*Must be compatible with Philippine standard utility box*				
	◎*IO Information Outlet*				
	◎*Tool-less jack •*				
	◎*Re-usable •*				
	◎*Shallow Depth, Cable Entry from top or bottom •*				
	◎*Keystone Mounting •*				
	◎*Accepts both solid conductors from AWG 26 to 22 and stranded conductors •*				
	◎*Integral shutter Benefits •*				
	◎*Easy and quick to install •*				
	◎*Fast reliable connection in record time: 8 copper conductor wired in a single connection •*				
	◎*Quality of connection by design: not dependant on tool condition or operator skills*				
	◎*Consistent results •*				
	◎*Easier cable management •*				
	◎*No need to use a new jack if a wiring mistake is made •*				
	◎*More space and flexibility to ensure the cable minimum bend radius is never compromised •*				
	◎*Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •*				
	◎*Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •*				
	◎*Increased dust protection, especially during installation • No additional shuttering required on faceplates •*				

	◉*Higher port density •*				
	◉*Allows direct mounting into floor boxes •*				
	◉*An integral shutter protects the jack in the patch panel •*				
	◉*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
	◉*at most 600 Watts*				
	◉*cooling capacity: at least 5000 Kilo joules per hour*				
	◉*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
	◉*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
	◉*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
	Cat6 UTP Cable 4 pairs (Genuine ISO/ UL Certified cable) 1000ft/ Spool				
16	**CCTV IP Camera**	piece	3	3,192.00	9,576.00
	◉*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
	Orbit type				
	metal blade 16"				
	three speed controller				
18	**Chest Freezer, 29 cu. ft.**	unit	3	49,000.00	147,000.00
	29 cu.ft. Chest Type Freezer with Dual Function Feature – Freezer or Chiller				
	Product Description:				
	29 cu.ft. Solid Top Chest Freezer				
	Dual Function – Freezer or Chiller				
	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**	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**	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**	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**	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)**	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 NFCEF-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-Wrtitable)				
	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 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*				
33	**External Hard Disk Drive (Portable, 2TB), USB 3.1**	unit	14	4,200.00	58,800.00
	◎*Shock-absorbing silicon casing*				
	◎*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 silicon casing*				
	◎*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				
	2880m³/ hour air delivery				
	Unit Dimension : 48 x 27 x 48 cm (L x W x H)				
41	**industrial fan**	pc	1	3,500.00	3,500.00
	ground type				
	at least 18 inches metal blade				
	three speed rotary swicth controller				
	tilting head adjustment with oscillation				
42	**Industrial Floor Fan**	unit	4	5,500.00	22,000.00
	Product Specification:				
	20" Inches Floor fan				
	150 Watts power				
	3 speeds-Low, Mid, & High				
	With thermal overheat protection				
	Wider area of coverage airflow				
	Easy to assemble base stand				
	360 degrees unrestricted tilting angle with side locking bolt & nut for maximum airflow coverage				
43	**Industrial Wall Fan**	unit	5	8,000.00	40,000.00
	Product Specification:				
	26 Inches Industrial wall mounted fan				
	4-bladed fan with volume control for wide range of fan speed				
	with oscillation				
	235 watts power				
	With Timer Function of 1HR, 2HR, 4HR & 8HR				
	with built-in thermal fuse				
	with wall-mount bracket				
	Color: Gray				
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

	Ink continuous, refill, yellow (Brother DCP T310) BT5000Y - Yellow;				
49	**Ink continuous, refill, cyan (Brother DCp T310), Genuine**	btls	6	400.00	2,400.00
	Ink continuous, refill, cyan (Brother DCp T310) BT5000C - Cyan;				
50	**Ink continuous, refill, magenta (Brother DCP T310), Genuine**	btls	6	400.00	2,400.00
	Ink continuous, refill, magenta (Brother DCP T310) BT5000M - Magenta;				
51	**Ink continuous, refill, yellow (brother DCP T310), Genuine**	btls	6	400.00	2,400.00
	yellow (brother DCP T310);				
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 Presenter, Black**	piece	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				
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, 700 watts**	piece	2	2,700.00	5,400.00
	true rated				
	◉*700 watts power rating*				
	◉*High efficiency with 80 PLUS certification*				
	◉*24/7 continuous power output with 40℃ 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	**Printer, All-in-One Wireless Ink Tank Color**	unit	2	10,500.00	21,000.00
	◉*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*				
	◀*Gradiation (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*				
71	**Printer, Ink Tank, Print Only**	unit	6	8,000.00	48,000.00
	◉*Printing Technology: On-demand inkjet (Piezoelectric)*				
	◉*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*				
	◉*Compact integrated tank design*				
	◉*High yield ink bottles*				
	◉*Spill-free, error-free refilling*				
	◉*Borderless printing up to 4R*				
72	**RG6 1694 Digital Coaxial Cable**	meters	17	172.00	2,924.00
	Inductance (uH/1' [0.3 m]) 0.106				
	Capacitance (pF/1' [0.3 m]) 16.2				
	bare Copper Conductor				
	gas-Injected Foam HDPE Insulation				
	Duofoil Tinned- Copper Braided Shield				
	18 AWG				
	Operating Volume UL: 300V, RMS				
	Operating Temperature: -22 to 167F / -30 to 75C				
	resistance 75 ohm				
73	**RJ-45 Modular Connector (AMP)**	pieces	10	20.00	200.00
74	**Router, Wireless**	piece	3	4,900.00	14,700.00
	◉*Enjoy the benefits of Wireless-N300 (802.11n) in your home ideal for surfing the web, emailing and printing wirelessly*				
	◉*Connect your computers, wireless printers, smartphones, and other wireless devices at up to 300 Mbps transfer speed*				
	◉*Enjoy broad wireless coverage provided by MIMO antenna technology*				
	◉*Use four Fast Ethernet (10/100 Mbps) ports to directly connect wired devices*				
	◉*Keep your network protected with*				

	customizable security settings, including WPA/WPA2 Personal and SPI firewall protection				
75	**UPS, 1000 VA**	unit	2	3,000.00	6,000.00
	◉1000VA/600W capacity				
	◉Frequency Range: 60 Hz				
	◉Freq. Range (Batt. Mode): 60 Hz ± 1 Hz				
	◉Transfer Time: Typical 4-8 ms				
	◉Waveform (Batt. Mode): Simulated Sine Wave				
	◉Back-up Runtime: 10-15 mins				
	◉Voltage: 220 VAC				
	◉Voltage Range: 162-270 VAC				
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
	USB 3.0 HUB, 7 Ports, High Speed Strong Power USB HUB 3.0				
	Up to 5Gbps Super-Speed, High speed 480Mbps, Full Speed 12Mbps, and Low Speed 1.5Mbps Transmission				
	Support 2TB large capacity HDD				
	Plug and Play, No driver required				
	compatible with windows series, Mac OS, Linux,				
	Interface independent switch design				
	DC 5V power supply port				
79	**USB-C Digital AV Multiport**	unit	1	4,000.00	4,000.00
	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.				
	This adapter allows you to mirror your Mac or iPad display to your HDMI-enabled TV or display.				
	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)				
	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)				

	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).				
	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.				
80	**UTP Cable Cat6, AWG 24**	spool	2	7,500.00	15,000.00
	Cat6 4 pairs,				
	AWG24,				
	ISO, UL Certified				
	305m/spool				
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				
	Atrribute: 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)**	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				
	◉Quite 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**	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*				
	◙*EER rating above 10*				
	◙*with remote control*				
	◙*with one year warranty on parts and services*				
	◙*with free installation*				
100	**Desktop Computer (i7 Branded)**	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)**	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)**	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**	unit	1	70,000.00	70,000.00
	◉Processor: Intel Core i7 11th 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
	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter				
105	**Selfie LED Ring Light 10" with Tripod**	units	3	500.00	1,500.00
	Material: ABS+ aluminum alloy				
	Lighting: warm and cold light				
	Modes: three color light adjustment (can adjust brightness)				
	Working temperature: less than 45℃, no hot hazard, safe to touch				
	Tripod stand height: up to 210cm				
106	**USB Ethernet Adapter compatible to MacBook Air**	pc	1	2,000.00	2,000.00
	10/100 Base-T Ethernet				
	USB 2				
107	**Clamp Ammeter Tester, True RMS**	unit	1	6,000.00	6,000.00
	True RMS				
	Measurable AC 0.1A～600A				
	ACV & Resistance measurement				
	Small Design & easy to carry				

	Data hold				
	Continuity check buzzer				
	Sampling rate : approx.2 times / sec.AC frequency bandwidth : 50～400Hz				
	Includes: Test Leads and Carrying Case				
108	**SanDisk Ultra 128GB Micro SDXC Memory Card 100MB/s UHS-1 Class 10 SDSQUNR-128G**	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*				
	◎*Supported Memory Cards:*				
	◀*SD Memory Card*				
	◎*Printer Software:*				
	◎*Operating System Compatibility:*				
	◀*Windows XP / XP Professional x 64 Edition / Vista / 7 / 8 / 8.1 / 10*				
	◀*Windows Server 2003 / 2008 / 2012 / 2016*				
	◀*Only printing and scanning functions are supported for Windows Server OS*				
	◀*Mac OS X 10.6.8 or later*				
	◎*Interface:*				
	◎*USB:*				
	◀*USB 2.0*				
	◎*Network:*				
	◀*Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct*				
	◎*Network Protocol:*				
	◀*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
	◎*Hard Drive Type:2.5" HDD*				
	◎*USB Interface: USB 3.0*				
	◎*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 11th 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 3 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°, ° (Optional)				
	◙Lens Height: 19mm(60°) 0.2mm(°)				
	◙Lens Width: 2mm				
	◙Transmittance: >95%				
	◙Lens Material: High-Temperature Resistant Optical Glass (Temperature Resistance: -				

	0+℃)				
	◉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 : K				
	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**

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

2. The *Visayas State University – Main Campus* 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 *04 November – 24 November 2021 until 8:30 AM* 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.

6.   The *Visayas State University – Main Campus* will hold a Pre-Bid Conference on *November 11, 2021; 9:00 AM* at *the Cooperative Building, VSU Market, Visca, Baybay City, Leyte* and/or through video conferencing or webcasting *via Google Meet,* which shall be open to prospective bidders.
Bidders are advised to contact the BAC Secretariat before the scheduled Pre-Bid Conference for the Google Meet link.

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 *24 November 2021 until 8:30 AM*. Late bids shall not be accepted.

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

9.   Bid opening shall be on *24 November 2021; 9:00 AM* at the *Cooperative Building, VSU Market, Visca, Baybay City, Leyte* and/or via *Google Meet.* 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 Google Meet link.

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

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 or 0917 6341 474
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: 053 565 0600 local 1004 or 0977 718 6594
Email: tmdargantes@vsu.edu.ph

13.   You may visit the following websites:
    For downloading of Bidding Documents: *https://www.vsu.edu.ph/philgeps-opportunities*

November 3, 2021

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 I.T. and Office Equipment & Supplies*, with identification number *GOODS-21-55*.

The Procurement Project (referred to herein as "Project") is composed of *121 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 *2021* in the amount of *Two Million Four Hundred Sixty-Four Thousand Seven Hundred Eighty-Five and 99/100 Pesos (PhP 2,464,785.99).*

2.2. The source of funding is: NGA, the General Appropriations Act (GAA), 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:

Bidders 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 *March 24, 2022*. 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. and Office Equipment & 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 *Forty Nine Thousand Two Hundred Ninety-Five and 72/100 Pesos (PhP 49,295.72) 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 *One Hundred Twenty-Three Thousand Two Hundred Thirty-Nine and 30/100 Pesos (PhP 123,239.30) or five percent (5%) of ABC* if bid security is in Surety Bond.
19.3	*See Section I. Invitation to Bid (Item 1) for the complete list of items and their corresponding total Approved Budget for the Contract (ABC).*
20.2	In case the PhilGEPS Platinum Certificate of Registration is not available during bid submission, it shall be submitted as a post-qualification requirement, in accordance with Section 34.2 of the 2016 Revised IRR of R.A. 9184.
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 terms applicable to this Contract are 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*:*
	
	Ms. Alicia M. Flores
	Head, Supply and Property Management Office,
	VSU-Main, Visca, Baybay City, Leyte
	Contact #: 053 565 0600 local 1082 / 0917 6341 430
	
	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 or 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 is 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 Main 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 No.	Unit	Qty	Description	Delivered, Weeks/Months
1	unit	2	**1 GBPS SFP Single mode Module**	All Items Should Be Delivered Within **45 Calendar Days** From Receipt Of Notice To Proceed And Purchase Order
			◉*1G SFP LC LX 10KM SMF XCVR, must be compatible with ARUBA and HPE Switches*	
2	piece	1	**1TB, Hard disk Drive, 7200rpm, for desktop**	
			◉*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	pcs	8	**2065-10-9 RF/ Coaxial BNC Connector**	
			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	pc	6	**RJ-45 Volition U.S. standard Faceplate face plate panel double port 2-Port IO Information Outlet plate**	
			◉*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*	

			◙comes with 2 pcs screws
			◙Existing fleet of VSU Faceplate and should be compatible with existing keystone
5	pc	12	**Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount, US Standard**
			◙*Must be compatible with Philippine standard utility box*
			◙*IO Information Outlet*
			◙*Tool-less jack •*
			◙*Re-usable •*
			◙*Shallow Depth, Cable Entry from top or bottom •*
			◙*Keystone Mounting •*
			◙*Accepts both solid conductors from AWG 26 to 22 and stranded conductors •*
			◙*Integral shutter Benefits •*
			◙*Easy and quick to install •*
			◙*Fast reliable connection in record time: 8 copper conductor wired in a single connection •*
			◙*Quality of connection by design: not dependant on tool condition or operator skills*
			◙*Consistent results •*
			◙*Easier cable management •*
			◙*No need to use a new jack if a wiring mistake is made •*
			◙*More space and flexibility to ensure the cable minimum bend radius is never compromised •*
			◙*Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •*
			◙*Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •*
			◙*Increased dust protection, especially during installation • No additional shuttering required on faceplates •*
			◙*Higher port density •*
			◙*Allows direct mounting into floor boxes •*
			◙*An integral shutter protects the jack in the patch panel •*
			◙*Should be compatible with the existing fleet of VSU faceplates*
6	unit	6	**Air Condition Non-Inverter Window type 0.5HP, Standard size**
			◙*at most 600 Watts*
			◙*cooling capacity: at least 5000 Kilo joules per hour*
			◙*at least EER 10.0*
7	pc	7	**Antivirus Software 3 Device, 1+1 Year**

			Licence include VPN (enrolled auto-renewal)	
			◎*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	btl	6	**Canon GI-790 Ink, Black, Genuine**	
9	btl	6	**Canon GI-790 Ink, Magenta, Genuine**	
10	btl	6	**Canon GI-790 Ink, Yellow, Genuine**	
11	btl	6	**Canon GI-790 Inks, Cyan, Genuine**	
12	btls	5	**Canon Pixma Ink Bottle,GI-790(Black), Genuine**	
			◎*Ink refill*	
13	pc	2	**Canon PIXMA iP2770 Ink, Cartridge Black, Genuine**	
14	pc	3	**Canon PIXMA iP2770 Ink, Cartridge Colored, Genuine**	
15	spool	2	**Cat6 UTP Cable**	
			Cat6 UTP Cable 4 pairs (Genuine ISO/ UL Certified cable) 1000ft/ Spool	
16	piece	3	**CCTV IP Camera**	
			◎*2MP WDR, with Built-in Mic*	
			◎*12v, DC*	
			◎*30m IR range,*	
			◎*1920x1080 Max. Resolution*	
			◎*Dome Type*	
			◎*2.8/4mm fixed lens*	
17	pc	2	**Ceiling fan**	
			Orbit type	
			metal blade 16"	
			three speed controller	
18	unit	3	**Chest Freezer, 29 cu. ft.**	
			29 cu.ft. Chest Type Freezer with Dual Function Feature – Freezer or Chiller	
			Product Description:	
			29 cu.ft. Solid Top Chest Freezer	
			Dual Function – Freezer or Chiller	

			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	set	5	**Computer Monitor 24", IPS**
			◉*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	unit	5	**Computer Printer, All-in-One/Multifunction Colored-Ink Tank**
			◉*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	unit	1	**Data Cabinet, 9U**
			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	pc	1	**DC Power Supply 5V 2A**
			AC/DC 5V 2A Switching power supply power adapter
23	pc	1	**Desk Electric fan**
			16" metal blade
			three speed controller
24	set	4	**Desktop Computer (i3), Assembled**
			◎*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	unit	1	**Document Scanner w/ ADF**
			◎*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	unit	2	**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
27	pack	1	**DVD RW Disc**
			Type: Storage media - DVD+RW (DVD Re-Wrtitable)
			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	pieces	20	**DVD+RW 8x 4.7Gb w/indiv case**
29	pack	1	**DVD-R Disc**
			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	pc	3	**Electric fan**
			Stand fan 16" metal blade
			Adjustable height
			three speed controller
31	box	2	**Epson FX1170, Ribbon Cartridge, Genuine**
32	unit	2	**External Hard Disk Drive (Portable, 1TB), USB 3.1**
			◉*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*
33	unit	14	**External Hard Disk Drive (Portable, 2TB), USB 3.1**
			◉*Shock-absorbing silicon casing*
			◉*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	unit	3	**External Hard Disk Drive (Portable, 4TB), USB 3.1**
			◙Shock-absorbing silicon casing
			◙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	pc	1	**External Solid State Drive, (Portable, 500GB), USB 3.1**
			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	meters	2000	**Fiber Optic Cable Single Core**
			Fiber Optic Cable single core with double messenger pre-terminated SC both ends
37	pcs	1	**Flash Drive, 128GB, USB 3.0**
			◙Capacity:128GB
			◙Interface: USB 3.0
			◙Speed: 100MB/s read, 10MB/s write
38	piece	13	**Flash Drive, at least 32GB USB 3.0**
39	meters	46	**Heavy Duty Microphone Wire**
			stereo 3 wires
			coated silver wires
			low noise reduction
40	unit	8	**Industrial Exhaust Fan**
			Product Specification
			16 inches wall hanging exhaust fan with shutter blades
			145 watts
			High Quality Motor
			Low Wattage Consumption

			2880m³/ hour air delivery
			Unit Dimension : 48 x 27 x 48 cm (L x W x H)
41	pc	1	**industrial fan**
			ground type
			at least 18 inches metal blade
			three speed rotary swicth controller
			tilting head adjustment with oscillation
42	unit	4	**Industrial Floor Fan**
			Product Specification:
			20" Inches Floor fan
			150 Watts power
			3 speeds-Low, Mid, & High
			With thermal overheat protection
			Wider area of coverage airflow
			Easy to assemble base stand
			360 degrees unrestricted tilting angle with side locking bolt & nut for maximum airflow coverage
43	unit	5	**Industrial Wall Fan**
			Product Specification:
			26 Inches Industrial wall mounted fan
			4-bladed fan with volume control for wide range of fan speed
			with oscillation
			235 watts power
			With Timer Function of 1HR, 2HR, 4HR & 8HR
			with built-in thermal fuse
			with wall-mount bracket
			Color: Gray
44	pcs	10	**Ink Cartridge, HP680, black, Genuine**
45	pcs	10	**Ink Cartridge, HP680, tri color, Genuine**
46	pcs	40	**Ink Cartridge, HP704, black, Genuine**
47	pcs	40	**Ink Cartridge, HP704, tri color, Genuine**
48	btls	6	**Ink continuous, refill, black (Brother DCP T310), Genuine**
			Ink continuous, refill, yellow (Brother DCP T310) BT5000Y - Yellow;
49	btls	6	**Ink continuous, refill, cyan (Brother DCp T310), Genuine**
			Ink continuous, refill, cyan (Brother DCp T310) BT5000C - Cyan;
50	btls	6	**Ink continuous, refill, magenta (Brother DCP T310), Genuine**
			Ink continuous, refill, magenta (Brother DCP T310) BT5000M - Magenta;
51	btls	6	**Ink continuous, refill, yellow (brother DCP T310), Genuine**

			yellow (brother DCP T310);
52	btl	35	**Ink, Epson 003,Genuine Black 65mL**
53	btl	24	**Ink, EPSON 003,Genuine Cyan 65mL**
54	btl	24	**Ink, EPSON 003,Genuine Magenta 65mL**
55	btl	24	**Ink, EPSON 003,Genuine Yellow 65mL**
56	pieces	45	**Ink, Epson, genuine (C) T664, 70 ml**
57	pieces	43	**Ink, Epson, genuine (M) T664, 70 ml**
58	pieces	52	**Ink, Epson, genuine, (BK) T664, 70 ml**
59	pieces	45	**Ink, Epson, genuine, (Y) T664, 70 ml**
60	set	3	**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
61	unit	2	**Laminator Machine, A3**
			◉Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection
62	unit	1	**Laminator Machine, A3**
			◉Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection
63	unit	1	**Laptop, 13.3", Retina Display, Chip (7 Cores)**
			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	piece	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*
65	pair	1	**Media Converter, SC Single Core**
			1 Pair Media Converter (A/B),
			Fiber Optical Single Mode
			Single Fiber SC Port
			25KM
			External Power Supply 1G Fiber Converter
66	pc	3	**Memory, DDR4 (16GB)**
			◉*2x8GB 2400Mhz DDR4*
			◉*Non-ECC CL15 DIMM*
			◉*Desktop Memory RAM with heat spreaders*
67	pieces	1	**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*
68	pieces	1	**Paper shredder machine, heavy duty**
			◉*Shred Type: Cross Cut*
			◉*Maximum Sheet capacity(70gsm) : 10 Sheets*
			◉*Waste Container capacity: 21 Liters*

			◉Power Source: 220 - 240 VAC
69	piece	2	**Power supply, 700 watts**
			true rated
			◉700 watts power rating
			◉High efficiency with 80 PLUS certification
			◉24/7 continuous power output with 40℃ 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	unit	2	**Printer, All-in-One Wireless Ink Tank Color**
			◉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
			◄Gradiation (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
71	unit	6	**Printer, Ink Tank, Print Only**
			◉Printing Technology: On-demand inkjet (Piezoelectric)
			◉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
			◉Compact integrated tank design
			◉High yield ink bottles
			◉Spill-free, error-free refilling
			◉Borderless printing up to 4R
72	meters	17	**RG6 1694 Digital Coaxial Cable**
			Inductance (uH/1' [0.3 m]) 0.106
			Capacitance (pF/1' [0.3 m]) 16.2
			bare Copper Conductor
			gas-Injected Foam HDPE Insulation
			Duofoil Tinned- Copper Braided Shield
			18 AWG
			Operating Volume UL: 300V, RMS
			Operating Temperature: -22 to 167F / -30 to 75C
			resistance 75 ohm
73	pieces	10	**RJ-45 Modular Connector (AMP)**
74	piece	3	**Router, Wireless**
			◉Enjoy the benefits of Wireless-N300 (802.11n) in your home ideal for surfing the web, emailing and printing wirelessly
			◉Connect your computers, wireless printers, smartphones, and other wireless devices at up to 300 Mbps transfer speed
			◉Enjoy broad wireless coverage provided by MIMO antenna technology
			◉Use four Fast Ethernet (10/100 Mbps) ports to directly connect wired devices
			◉Keep your network protected with customizable security settings, including WPA/WPA2 Personal and SPI firewall protection
75	unit	2	**UPS, 1000 VA**
			◉1000VA/600W capacity
			◉Frequency Range: 60 Hz
			◉Freq. Range (Batt. Mode): 60 Hz ± 1 Hz

			◉*Transfer Time: Typical 4-8 ms*
			◉*Waveform (Batt. Mode): Simulated Sine Wave*
			◉*Back-up Runtime: 10-15 mins*
			◉*Voltage: 220 VAC*
			◉*Voltage Range: 162-270 VAC*
76	piece	1	**UPS, at least 500 watts, at most 4 hours charging time**
77	unit	3	**UPS, at least 800 watts, at most 4 hours charging time**
78	unit	2	**USB 3.0 Hub, 7 Ports**
			USB 3.0 HUB, 7 Ports, High Speed Strong Power USB HUB 3.0
			Up to 5Gbps Super-Speed, High speed 480Mbps, Full Speed 12Mbps, and Low Speed 1.5Mbps Transmission
			Support 2TB large capacity HDD
			Plug and Play, No driver required
			compatible with windows series, Mac OS, Linux,
			Interface independent switch design
			DC 5V power supply port
79	unit	1	**USB-C Digital AV Multiport**
			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.
			This adapter allows you to mirror your Mac or iPad display to your HDMI-enabled TV or display.
			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)
			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)
			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).
			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.
80	spool	2	**UTP Cable Cat6, AWG 24**
			Cat6 4 pairs,
			AWG24,
			ISO, UL Certified
			305m/spool
81	unit	8	**VOIP Phone**
			◉*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	pc	2	**Water Dispenser, Cabinet type**
			◉*Floor standing*
			◉*Hot and cold function*
			◉*plastic body,high efficiency compressor*
			◉*thermally protected*
83	unit	3	**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*
84	pcs	10	**XLR Connectors Female**
			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	pcs	10	**XLR Connectors Male**
			Male 3=Pin XLR
			Atrribute: 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	btls	7	**EPSON INK btl 664 black, Genuine**
87	pc	1	**HP, Laserjet Toner Cartridge, CF401A, Cyan, Genuine**
88	unit	1	**Desktop Computer System Unit only (i7 10th Gen or higher, with RTX 3060 Video Card)**
			◙*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	unit	1	**UPS Battery Backup, 1500VA**
			◉*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	pcs	4	**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*
91	units	2	**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*
92	unit	1	**All-in-One Ink Tank Printer Wi-Fi Duplex with ADF**
			◉*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	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*
94	unit	1	**Air Conditioner, 1.5HP, Split Type, Wall Mounted, Deluxe Inverter**
			◉*1.5 HP*
			◉*Split Type Air Conditioner*
			◉*Wall Mounted, Deluxe Inverter*
			◉*Intelligent Inverter Technology*
			◉*Honeycomb Intake Grille*
			◉*Nanoe-G, Auto Comfort*
			◉*Quite Mode, Mild Dry Cooling*
			◉*Soft Dry Operation Mode*
			◉*Odour-Removing Function*
			◉*Blue Fin Condenser*
			◉*R410A Refrigerant*
			◉*Installation Included*
95	unit	1	**2-in-1 Laptop Computer Set/tablet**
			◉*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	unit	9	**External Hard Disk Drive (Portable, 1TB), USB 3.1**
			◙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	pc	1	**Digital Camera (For Underwater)**
			◙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	boxes	3	**Genuine HP Laserjet Toner 85A (CE285A) black**
99	set	2	**Air Condition, Split type, Inverter, 2.0 HP**
			◉*Cooling capacity: at least 18,500 kj/h*
			◉*wall mounted*
			◉*EER rating above 10*
			◉*with remote control*
			◉*with one year warranty on parts and services*
			◉*with free installation*
100	units	2	**Desktop Computer (i7 Branded)**
			◉*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	unit	1	**Laptop 14" (i3)**
			◉*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	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 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	unit	1	**Laptop computer, i7, 16GB RAM**
			◉*Processor: Intel Core i7 11th 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	unit	1	**Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter**
			Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter
105	units	3	**Selfie LED Ring Light 10" with Tripod**
			Material: ABS+ aluminum alloy
			Lighting: warm and cold light
			Modes: three color light adjustment (can adjust brightness)
			Working temperature: less than 45℃, no hot hazard, safe to touch
			Tripod stand height: up to 210cm
106	pc	1	**USB Ethernet Adapter compatible to MacBook Air**
			10/100 Base-T Ethernet
			USB 2
107	unit	1	**Clamp Ammeter Tester, True RMS**
			True RMS
			Measurable AC 0.1A～600A
			ACV & Resistance measurement
			Small Design & easy to carry
			Data hold
			Continuity check buzzer
			Sampling rate : approx.2 times / sec.AC frequency bandwidth : 50～400Hz
			Includes: Test Leads and Carrying Case
108	set	2	**SanDisk Ultra 128GB Micro SDXC Memory Card 100MB/s UHS-1 Class 10 SDSQUNR-128G**
109	unit	1	**Computer Printer**

			◉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
			◙Supported Memory Cards:
			◄SD Memory Card
			◙Printer Software:
			◙Operating System Compatibility:
			◄Windows XP / XP Professional x 64 Edition / Vista / 7 / 8 / 8.1 / 10
			◄Windows Server 2003 / 2008 / 2012 / 2016
			◄Only printing and scanning functions are supported for Windows Server OS
			◄Mac OS X 10.6.8 or later
			◙Interface:
			◙USB:
			◄USB 2.0
			◙Network:
			◄Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
			◙Network Protocol:
			◄TCP/IPv4, TCP/IPv6, LPD, IPP, PORT9100, WSD
110	pc	1	**External Hard Disk Drive, (Portable 500GB), USB 3.0**
			◙Hard Drive Type:2.5" HDD
			◙USB Interface: USB 3.0
			◙Capacity:500GB
111	pc	1	**Smart 32-inch TV**
			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	sets	2	**HP Officejet 7612 ink, genuine**
113	btls	4	**Ink HP GT51 Black (K) , genuine**
114	btls	4	**Ink HP GT52 Cyan (C) , genuine**
115	btls	4	**Ink HP GT52 Magenta (M) , genuine**
116	btls	4	**Ink HP GT52 Yellow (Y) , genuine**
117	sets	4	**Ink, Epson T522, (B, Y, M, C), genuine**
118	unit	1	**Laptop computer, i7, 16GB RAM**
			◙Processor: Intel Core i7 11th 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 3 years with after sales service"
			Free back pack/bag
119	sets	2	**LED Light, lens LED reflector and Reflector Collimator Cup**
			◙Item Type: LED Lens + Reflector + Fixed Bracket
			◙Beam Angle: 60°, ° (Optional)
			◙Lens Height: 19mm(60°) 0.2mm(°)
			◙Lens Width: 2mm
			◙Transmittance: >95%
			◙Lens Material: High-Temperature Resistant Optical Glass (Temperature Resistance: -0+℃)
			◙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	set	1	**Refillable Ink Cartridge**	
			Compatible Brand：HP	
			Color：C	
			Color：M	
			Color：Y	
			Color：K	
			Compatible Brand：HP Inkjet	
			Colored：Yes	
			Model Number：For Hp920XL	
			Type：Ink Cartridge	
			Chip：with ARCchip	
121	sets	4	**Ink, Refill, UNIKIT for CIS black, yellow, cyan, magenta**	

Section VII. Technical Specifications

Technical Specifications

Item No.	Unit	Qty	Description	STATEMENT OF COMPLIANCE
1	unit	2	**1 GBPS SFP Single mode Module**	*[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.]*
			◉*1G SFP LC LX 10KM SMF XCVR, must be compatible with ARUBA and HPE Switches*	
2	piece	1	**1TB, Hard disk Drive, 7200rpm, for desktop**	
			◉*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	pcs	8	**2065-10-9 RF/ Coaxial BNC Connector**	
			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	pc	6	**RJ-45 Volition U.S. standard Faceplate face plate panel double port 2-Port IO Information Outlet plate**	
			◉*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*	
			◉*comes with 2 pcs screws*	
			◉*Existing fleet of VSU Faceplate and should be compatible with existing keystone*	

5	pc	12	**Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount, US Standard**	
			◉*Must be compatible with Philippine standard utility box*	
			◉*IO Information Outlet*	
			◉*Tool-less jack •*	
			◉*Re-usable •*	
			◉*Shallow Depth, Cable Entry from top or bottom •*	
			◉*Keystone Mounting •*	
			◉*Accepts both solid conductors from AWG 26 to 22 and stranded conductors •*	
			◉*Integral shutter Benefits •*	
			◉*Easy and quick to install •*	
			◉*Fast reliable connection in record time: 8 copper conductor wired in a single connection •*	
			◉*Quality of connection by design: not dependant on tool condition or operator skills*	
			◉*Consistent results •*	
			◉*Easier cable management •*	
			◉*No need to use a new jack if a wiring mistake is made •*	
			◉*More space and flexibility to ensure the cable minimum bend radius is never compromised •*	
			◉*Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •*	
			◉*Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •*	
			◉*Increased dust protection, especially during installation • No additional shuttering required on faceplates •*	
			◉*Higher port density •*	
			◉*Allows direct mounting into floor boxes •*	
			◉*An integral shutter protects the jack in the patch panel •*	
			◉*Should be compatible with the existing fleet of VSU faceplates*	
6	unit	6	**Air Condition Non-Inverter Window type 0.5HP, Standard size**	
			◉*at most 600 Watts*	
			◉*cooling capacity: at least 5000 Kilo joules per hour*	
			◉*at least EER 10.0*	
7	pc	7	**Antivirus Software 3 Device, 1+1 Year Licence include VPN (enrolled auto-renewal)**	
			◉*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	btl	6	**Canon GI-790 Ink, Black, Genuine**	
9	btl	6	**Canon GI-790 Ink, Magenta, Genuine**	
10	btl	6	**Canon GI-790 Ink, Yellow, Genuine**	
11	btl	6	**Canon GI-790 Inks, Cyan, Genuine**	
12	btls	5	**Canon Pixma Ink Bottle,GI-790(Black), Genuine**	
			◉Ink refill	
13	pc	2	**Canon PIXMA iP2770 Ink, Cartridge Black, Genuine**	
14	pc	3	**Canon PIXMA iP2770 Ink, Cartridge Colored, Genuine**	
15	spool	2	**Cat6 UTP Cable**	
			Cat6 UTP Cable 4 pairs (Genuine ISO/ UL Certified cable) 1000ft/ Spool	
16	piece	3	**CCTV IP Camera**	
			◉2MP WDR, with Built-in Mic	
			◉12v, DC	
			◉30m IR range,	
			◉1920x1080 Max. Resolution	
			◉Dome Type	
			◉2.8/4mm fixed lens	
17	pc	2	**Ceiling fan**	
			Orbit type	
			metal blade 16"	
			three speed controller	
18	unit	3	**Chest Freezer, 29 cu. ft.**	
			29 cu.ft. Chest Type Freezer with Dual Function Feature – Freezer or Chiller	
			Product Description:	
			29 cu.ft. Solid Top Chest Freezer	
			Dual Function – Freezer or Chiller	
			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	set	5	**Computer Monitor 24", IPS**
			◉*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	unit	5	**Computer Printer, All-in-One/Multifunction Colored-Ink Tank**
			◉*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	unit	1	**Data Cabinet, 9U**
			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	pc	1	**DC Power Supply 5V 2A**
			AC/DC 5V 2A Switching power supply power adapter
23	pc	1	**Desk Electric fan**
			16" metal blade
			three speed controller
24	set	4	**Desktop Computer (i3), Assembled**
			◉*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	unit	1	**Document Scanner w/ ADF**
			◉*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	unit	2	**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
27	pack	1	**DVD RW Disc**
			Type: Storage media - DVD+RW (DVD Re-Wrtitable)
			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	pieces	20	**DVD+RW 8x 4.7Gb w/indiv case**
29	pack	1	**DVD-R Disc**
			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	pc	3	**Electric fan**
			Stand fan 16" metal blade
			Adjustable height
			three speed controller
31	box	2	**Epson FX1170, Ribbon Cartridge, Genuine**
32	unit	2	**External Hard Disk Drive (Portable, 1TB), USB 3.1**
			◉*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*
33	unit	14	**External Hard Disk Drive (Portable, 2TB), USB 3.1**
			◉*Shock-absorbing silicon casing*
			◉*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	unit	3	**External Hard Disk Drive (Portable, 4TB), USB 3.1**
			◙*Shock-absorbing silicon casing*
			◙*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	pc	1	**External Solid State Drive, (Portable, 500GB), USB 3.1**
			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	meters	2000	**Fiber Optic Cable Single Core**
			Fiber Optic Cable single core with double messenger pre-terminated SC both ends
37	pcs	1	**Flash Drive, 128GB, USB 3.0**
			◙*Capacity:128GB*
			◙*Interface: USB 3.0*
			◙*Speed: 100MB/s read, 10MB/s write*
38	piece	13	**Flash Drive, at least 32GB USB 3.0**
39	meters	46	**Heavy Duty Microphone Wire**
			stereo 3 wires
			coated silver wires
			low noise reduction
40	unit	8	**Industrial Exhaust Fan**
			Product Specification
			16 inches wall hanging exhaust fan with shutter blades
			145 watts
			High Quality Motor
			Low Wattage Consumption
			2880m³/ hour air delivery
			Unit Dimension : 48 x 27 x 48 cm (L x W x H)

41	pc	1	**industrial fan**	
			ground type	
			at least 18 inches metal blade	
			three speed rotary swicth controller	
			tilting head adjustment with oscillation	
42	unit	4	**Industrial Floor Fan**	
			Product Specification:	
			20" Inches Floor fan	
			150 Watts power	
			3 speeds-Low, Mid, & High	
			With thermal overheat protection	
			Wider area of coverage airflow	
			Easy to assemble base stand	
			360 degrees unrestricted tilting angle with side locking bolt & nut for maximum airflow coverage	
43	unit	5	**Industrial Wall Fan**	
			Product Specification:	
			26 Inches Industrial wall mounted fan	
			4-bladed fan with volume control for wide range of fan speed	
			with oscillation	
			235 watts power	
			With Timer Function of 1HR, 2HR, 4HR & 8HR	
			with built-in thermal fuse	
			with wall-mount bracket	
			Color: Gray	
44	pcs	10	**Ink Cartridge, HP680, black, Genuine**	
45	pcs	10	**Ink Cartridge, HP680, tri color, Genuine**	
46	pcs	40	**Ink Cartridge, HP704, black, Genuine**	
47	pcs	40	**Ink Cartridge, HP704, tri color, Genuine**	
48	btls	6	**Ink continuous, refill, black (Brother DCP T310), Genuine**	
			Ink continuous, refill, yellow (Brother DCP T310) BT5000Y - Yellow;	
49	btls	6	**Ink continuous, refill, cyan (Brother DCp T310), Genuine**	
			Ink continuous, refill, cyan (Brother DCp T310) BT5000C - Cyan;	
50	btls	6	**Ink continuous, refill, magenta (Brother DCP T310), Genuine**	
			Ink continuous, refill, magenta (Brother DCP T310) BT5000M - Magenta;	
51	btls	6	**Ink continuous, refill, yellow (brother DCP T310), Genuine**	
			yellow (brother DCP T310);	
52	btl	35	**Ink, Epson 003,Genuine Black 65mL**	

53	btl	24	**Ink, EPSON 003,Genuine Cyan 65mL**	
54	btl	24	**Ink, EPSON 003,Genuine Magenta 65mL**	
55	btl	24	**Ink, EPSON 003,Genuine Yellow 65mL**	
56	pieces	45	**Ink, Epson, genuine (C) T664, 70 ml**	
57	pieces	43	**Ink, Epson, genuine (M) T664, 70 ml**	
58	pieces	52	**Ink, Epson, genuine, (BK) T664, 70 ml**	
59	pieces	45	**Ink, Epson, genuine, (Y) T664, 70 ml**	
60	set	3	**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*	
61	unit	2	**Laminator Machine, A3**	
			◉*Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection*	
62	unit	1	**Laminator Machine, A3**	
			◉*Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection*	
63	unit	1	**Laptop, 13.3", Retina Display, Chip (7 Cores)**	
			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	piece	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*	
65	pair	1	**Media Converter, SC Single Core**	
			1 Pair Media Converter (A/B),	
			Fiber Optical Single Mode	
			Single Fiber SC Port	
			25KM	
			External Power Supply 1G Fiber Converter	
66	pc	3	**Memory, DDR4 (16GB)**	
			◙*2x8GB 2400Mhz DDR4*	
			◙*Non-ECC CL15 DIMM*	
			◙*Desktop Memory RAM with heat spreaders*	
67	pieces	1	**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*	
68	pieces	1	**Paper shredder machine, heavy duty**	
			◙*Shred Type: Cross Cut*	
			◙*Maximum Sheet capacity(70gsm) : 10 Sheets*	
			◙*Waste Container capacity: 21 Liters*	
			◙*Power Source: 220 - 240 VAC*	
69	piece	2	**Power supply, 700 watts**	

			true rated
			◙*700 watts power rating*
			◙*High efficiency with 80 PLUS certification*
			◙*24/7 continuous power output with 40℃ 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	unit	2	**Printer, All-in-One Wireless Ink Tank Color**
			◙*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*
			◄*Gradiation (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*

71	unit	6	**Printer, Ink Tank, Print Only**	
			◉*Printing Technology: On-demand inkjet (Piezoelectric)*	
			◉*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*	
			◉*Compact integrated tank design*	
			◉*High yield ink bottles*	
			◉*Spill-free, error-free refilling*	
			◉*Borderless printing up to 4R*	
72	meters	17	**RG6 1694 Digital Coaxial Cable**	
			Inductance (uH/1' [0.3 m]) 0.106	
			Capacitance (pF/1' [0.3 m]) 16.2	
			bare Copper Conductor	
			gas-Injected Foam HDPE Insulation	
			Duofoil Tinned- Copper Braided Shield	
			18 AWG	
			Operating Volume UL: 300V, RMS	
			Operating Temperature: -22 to 167F / -30 to 75C	
			resistance 75 ohm	
73	pieces	10	**RJ-45 Modular Connector (AMP)**	
74	piece	3	**Router, Wireless**	
			◉*Enjoy the benefits of Wireless-N300 (802.11n) in your home ideal for surfing the web, emailing and printing wirelessly*	
			◉*Connect your computers, wireless printers, smartphones, and other wireless devices at up to 300 Mbps transfer speed*	
			◉*Enjoy broad wireless coverage provided by MIMO antenna technology*	
			◉*Use four Fast Ethernet (10/100 Mbps) ports to directly connect wired devices*	
			◉*Keep your network protected with customizable security settings, including WPA/WPA2 Personal and SPI firewall protection*	
75	unit	2	**UPS, 1000 VA**	
			◉*1000VA/600W capacity*	
			◉*Frequency Range: 60 Hz*	
			◉*Freq. Range (Batt. Mode): 60 Hz ± 1 Hz*	
			◉*Transfer Time: Typical 4-8 ms*	
			◉*Waveform (Batt. Mode): Simulated Sine*	

			Wave
			◉*Back-up Runtime: 10-15 mins*
			◉*Voltage: 220 VAC*
			◉*Voltage Range: 162-270 VAC*
76	piece	1	**UPS, at least 500 watts, at most 4 hours charging time**
77	unit	3	**UPS, at least 800 watts, at most 4 hours charging time**
78	unit	2	**USB 3.0 Hub, 7 Ports**
			USB 3.0 HUB, 7 Ports, High Speed Strong Power USB HUB 3.0
			Up to 5Gbps Super-Speed, High speed 480Mbps, Full Speed 12Mbps, and Low Speed 1.5Mbps Transmission
			Support 2TB large capacity HDD
			Plug and Play, No driver required
			compatible with windows series, Mac OS, Linux,
			Interface independent switch design
			DC 5V power supply port
79	unit	1	**USB-C Digital AV Multiport**
			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.
			This adapter allows you to mirror your Mac or iPad display to your HDMI-enabled TV or display.
			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)
			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)
			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).
			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.
80	spool	2	**UTP Cable Cat6, AWG 24**

			Cat6 4 pairs,
			AWG24,
			ISO, UL Certified
			305m/spool
81	unit	8	**VOIP Phone**
			◉*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	pc	2	**Water Dispenser, Cabinet type**
			◙Floor standing
			◙Hot and cold function
			◙plastic body,high efficiency compressor
			◙thermally protected
83	unit	3	**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	
84	pcs	10	**XLR Connectors Female**		

			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	pcs	10	**XLR Connectors Male**
			Male 3=Pin XLR
			Atrribute: 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	btls	7	**EPSON INK btl 664 black, Genuine**
87	pc	1	**HP, Laserjet Toner Cartridge, CF401A, Cyan, Genuine**
88	unit	1	**Desktop Computer System Unit only (i7 10th Gen or higher, with RTX 3060 Video Card)**
			◎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	unit	1	**UPS Battery Backup, 1500VA**
			◉*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	pcs	4	**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*
91	units	2	**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*
92	unit	1	**All-in-One Ink Tank Printer Wi-Fi Duplex with ADF**
			◉*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	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*	
94	unit	1	**Air Conditioner, 1.5HP, Split Type, Wall Mounted, Deluxe Inverter**	
			◎*1.5 HP*	
			◎*Split Type Air Conditioner*	
			◎*Wall Mounted, Deluxe Inverter*	
			◎*Intelligent Inverter Technology*	
			◎*Honeycomb Intake Grille*	
			◎*Nanoe-G, Auto Comfort*	
			◎*Quite Mode, Mild Dry Cooling*	
			◎*Soft Dry Operation Mode*	
			◎*Odour-Removing Function*	
			◎*Blue Fin Condenser*	
			◎*R410A Refrigerant*	
			◎*Installation Included*	
95	unit	1	**2-in-1 Laptop Computer Set/tablet**	
			◎*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	unit	9	**External Hard Disk Drive (Portable, 1TB), USB 3.1**
			◉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	pc	1	**Digital Camera (For Underwater)**
			◉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	boxes	3	**Genuine HP Laserjet Toner 85A (CE285A) black**

99	set	2	**Air Condition, Split type, Inverter, 2.0 HP**
			◉*Cooling capacity: at least 18,500 kj/h*
			◉*wall mounted*
			◉*EER rating above 10*
			◉*with remote control*
			◉*with one year warranty on parts and services*
			◉*with free installation*
100	units	2	**Desktop Computer (i7 Branded)**
			◉*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	unit	1	**Laptop 14" (i3)**
			◉*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	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 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	unit	1	**Laptop computer, i7, 16GB RAM**
			◉*Processor: Intel Core i7 11th 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	unit	1	**Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter**
			Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter
105	units	3	**Selfie LED Ring Light 10" with Tripod**
			Material: ABS+ aluminum alloy
			Lighting: warm and cold light
			Modes: three color light adjustment (can adjust brightness)
			Working temperature: less than 45℃, no hot hazard, safe to touch
			Tripod stand height: up to 210cm
106	pc	1	**USB Ethernet Adapter compatible to MacBook Air**
			10/100 Base-T Ethernet
			USB 2
107	unit	1	**Clamp Ammeter Tester, True RMS**
			True RMS
			Measurable AC 0.1A～600A
			ACV & Resistance measurement
			Small Design & easy to carry
			Data hold
			Continuity check buzzer
			Sampling rate : approx.2 times / sec.AC frequency bandwidth : 50～400Hz
			Includes: Test Leads and Carrying Case
108	set	2	**SanDisk Ultra 128GB Micro SDXC Memory Card 100MB/s UHS-1 Class 10 SDSQUNR-128G**
109	unit	1	**Computer Printer**
			◉*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
			◙Supported Memory Cards:
			◄SD Memory Card
			◙Printer Software:
			◙Operating System Compatibility:
			◄Windows XP / XP Professional x 64 Edition / Vista / 7 / 8 / 8.1 / 10
			◄Windows Server 2003 / 2008 / 2012 / 2016
			◄Only printing and scanning functions are supported for Windows Server OS
			◄Mac OS X 10.6.8 or later
			◙Interface:
			◙USB:
			◄USB 2.0
			◙Network:
			◄Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
			◙Network Protocol:
			◄TCP/IPv4, TCP/IPv6, LPD, IPP, PORT9100, WSD
110	pc	1	**External Hard Disk Drive, (Portable 500GB), USB 3.0**
			◙Hard Drive Type:2.5" HDD
			◙USB Interface: USB 3.0
			◙Capacity:500GB
111	pc	1	**Smart 32-inch TV**
			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	sets	2	**HP Officejet 7612 ink, genuine**
113	btls	4	**Ink HP GT51 Black (K) , genuine**
114	btls	4	**Ink HP GT52 Cyan (C) , genuine**
115	btls	4	**Ink HP GT52 Magenta (M) , genuine**
116	btls	4	**Ink HP GT52 Yellow (Y) , genuine**
117	sets	4	**Ink, Epson T522, (B, Y, M, C), genuine**
118	unit	1	**Laptop computer, i7, 16GB RAM**
			◉Processor: Intel Core i7 11th 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 3 years with after sales service"
			Free back pack/bag
119	sets	2	**LED Light, lens LED reflector and Reflector Collimator Cup**
			◉Item Type: LED Lens + Reflector + Fixed Bracket
			◉Beam Angle: 60°, ° (Optional)
			◉Lens Height: 19mm(60°) 0.2mm(°)
			◉Lens Width: 2mm
			◉Transmittance: >95%
			◉Lens Material: High-Temperature Resistant Optical Glass (Temperature Resistance: -0+℃)
			◉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	set	1	**Refillable Ink Cartridge**
			Compatible Brand : HP

			Color：C	
			Color：M	
			Color：Y	
			Color：K	
			Compatible Brand：HP Inkjet	
			Colored：Yes	
			Model Number：For Hp920XL	
			Type：Ink Cartridge	
			Chip：with ARCchip	
121	sets	4	**Ink, Refill, UNIKIT for CIS black, yellow, cyan, magenta**	

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);
   or

☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
   and

☐ (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
   and

☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

   Note: If the bidder submits item (a), bidder may not submit requirements (b), (c) & (d).

Technical Documents

☐ (f) Statement of the prospective bidder of all its ongoing 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**

☐ (g) 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 One Million Two Hundred Thirty-Two Thousand Three Hundred Ninety-Three Pesos (PhP 1,232,393.00)*;
   or
   Statement of at least two (2) similar completed contracts, the aggregate amount of which should be equivalent to *at least 50% of the ABC* or ***at least One Million Two Hundred Thirty-Two Thousand Three Hundred Ninety-Three Pesos (PhP 1,232,393.00)*** and the largest of these similar contracts must be equivalent to at least half of the said aggregate amount or ***at least Six Hundred Sixteen Thousand One Hundred Ninety-Six and 50/100 Pesos (PhP 616,196.50)***; **and**

☐ (h) 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**

☐ (i) Conformity with the Technical Specifications; **and**
☐ (j) Schedule of Requirements/production and delivery schedule; **and**
☐ (k) Manpower requirements; **and**
☐ (l) After-sales service/parts; **and**
☐ (m) 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

☐ (n) 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**

☐ (o) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) – at least equal to ABC (**PhP 2,464,785.99**);
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 246,478.60**).

II. FINANCIAL COMPONENT ENVELOPE

☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**

☐ (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. 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 (November 24, 2021; 8:30 AM).

VISAYAS
STATE UNIVERSITY