

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Supply and Delivery of I.T. Equipment and Supplies (GOODS-22-13)

Government of the Republic of the Philippines

March 14, 2022; 2:00 PM PPO Conference, Lower Campus, VSU, Visca, Baybay City, Leyte

> Sixth Edition July 2020

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

 $\mathbf{EXW} - \mathbf{Ex}$ works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

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

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

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid



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

1. The Visayas State University through the GF, STF, TF intends to apply the sum of Three Million Five Hundred Seventy-Five Thousand Nine Hundred Forty-Five and 14/100 Pesos (PhP 3,575,945.14) being the ABC to payments under the contract for Supply and Delivery of I.T. Equipment and Supplies (GOODS-22-13). Bids received in excess of the ABC shall be automatically rejected at bid opening.

The *Visayas State University*, through the *GF*, *STF*, *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	Total ABC
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	3	3,000.00	9,000.00
	■ 11TB				
	■SATA 6Gb/s interface optimizes burst				
	performance;				
	■64MB Cache				
	■Average Data Rate, Read/Write : 156				
	■Max Sustained Data Rate, OD Read (MB/s) :				
	210				
	■Cache, Multisegmented (MB) : 64				
3	ATX Power Supply (500W)	pieces	4	980.00	3,920.00
	■Single 6pin				
	■24pin connector				
	■Dual 4pin for board				
	■4 sata supply				
	■4 molex supply				
4	AVR, 500W (IC Controlled)	unit	1	500.00	500.00
	■Single 6pin				
	■24pin connector				
	■Dual 4pin for board				
	■4 sata supply				
	■4 molex supply				
5	Battery Charger for 9 Volts Battery	рс	1	400.00	400.00
	For 9 volts rechargeable batteries *Charges 2x				
	rechargeable batteries (9 volts) at the same				
	time				
	*With 110v & 220v setting				
	Compatible with Nickel-Cadmium & Nickel-				
	Metal Hydride rechargeable batteries				
6	CD-R, 700MB, with case	pieces	50	30.00	1,500.00
7	Computer HD Webcam	pieces	6	1,200.00	7,200.00
	■1080P Full HD Webcam				
	Dens: HD lens				
	■Sensor Type: CMOS				

	■Video Format: AVI				
	■Video Format. AVI ■Frame Rate: at least 30FPS				
	■Drive Type: free drive. Plug and play				
	■Photo Format: BMP JPG				
	©Resolution: 1920 * 1080 P				
	■Output Format: M-JPEG				
	■Interface Type: USB2.0				
	Microphone: Built-in microphone				
	■Focusing Range: 20mm				
8	Computer Keyboard USB	pcs	2	400.00	800.00
	■Standard Keyboard with 104 Keys				
	■ USB Connection				
	■Low Profile Key Caps				
	■Minimum Key Noise				
	■Laser Printing for Key Layout				
	■Spill Resistant Design				
9	Computer Monitor 24", IPS	set	2	7,500.00	15,000.00
	■Panel Size: Wide Screen 23.8"(60.5cm) 16:9				
	■Color Saturation : 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: 16.7M				
	■Flicker free				
10	Computer Monitor 24", IPS	set	2	10,000.00	20,000.00
	■Panel Size: Wide Screen 23.8"(60.5cm) 16:9			10,000.00	
	■Color Saturation : 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: 16.7M				
	Selicker free				
11	Computer Printer 3-in-1	unit	1	9,300.00	9,300.00
- ' '	with CIS Filled with Inks	unit	'	3,300.00	3,300.00
	Compact integrated tank design				
	■High yield ink bottles				
	Spill-free, error-free refilling				
<u> </u>	■Wi-Fi, Wi-Fi Direct■Borderless printing up to 4R				
12	Computer Printer, All-in-One/Multifunction	unit	10	11,000.00	110,000.00
	Colored-Ink Tank				-
	■Ultra-low-cost printing: Print up to 8,100 pages				
<u> </u>	in black and 6,500 in colour				
	Next generation ink filling system: Enjoy headle and made free refills with the appeared.				
	hassle and mess-free refills with the enhanced				
<u> </u>	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 Tachnology				
	Sized Droplet Technology		1		

Section Sect		■Ink Technology: Dye Ink				
13 Cover for keyboard Discoss 1 50.00 50.00 14 CPU (Central Processing Unit) Discoss 1 50.00 30,000.00 MAMD A10-8770 Processor Masus Prime Motherboard Masus Prime Processor Masus Prime P						
CPU (Central Processing Unit)	13		pieces	1	50.00	50.00
■ AMD A10-8770 Processor ■ Assis Prime Motherboard ■ Kingston 4GB DDR4-2555 Memory ■ CPU Casing w PSU ■ 2566G SSD Desktop Casing mATX and 700W True Rated Power Supply 80 plus Casing Front Panel with Metal Mesh for the Best Venitiation Top Control Panel with 3 " USB + HD Audio for User-friendly Super Speed USB 3.0 is Ready Motherboard Compatibility: Micro ATX, Mini-ITX Power supply 80 Plus Bronze AC Input: 100v-240VACM 10A-5A 50-60Hz Rated Power: True Rated 700W 16 Desktop Computer (3) ■ Processor: Intel Core i3-9100 Processor (9M Cache, up to 4.10 GHz) or higher ■ Motherboard: Intel H310 Ultra Durable motherboard: Intel H310 Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151 ■ BGB DDR4 2400 DIMM Desktop Memory ■ SSD: 240GB ■ Keyboard and Mouse Combo ■ Casing with Power Supply ■ Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDM Port / Aspect Ratio: 16-9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz. ■ Operating System: Genuine Windows 10 Home (0EM) ■ AVR: 500W IC controlled ■ ANR: 500W IC controlled ■ SSD: 500GB M.2 ■ Operating System: Genuine Windows 10 Home (0EM) ■ Motherboard: ■ Alnel H310 Chipset ■ Anni: Sulfur Resistors Design ■ Casing: Windows 10 Home (0EM) ■ Motherboard: ■ Alnel H310 Chipset ■ Anni: Sulfur Resistors Design ■ Casing: Windows 10 Home (0EM) ■ Motherboard: ■ Canine Windows 10 Home (0EM) ■ Mespoard and mouse combo ■ SDOW IC controlled AVR ■ Stere Speakers						
MASUS Prime Motherboard Microsoft Agency Micr			Po		10,000.00	00,000.00
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MCPU Casing wi PSU M256GB SSD						
15						
Desktop Casing mATX and 700W True Rated Power Supply 80 plus						
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Front Panel with Metal Mesh for the Best Ventilation Top Control Panel with 3 * USB + HD Audio for User-friendly Super Speed USB 3.0 is Ready Motherboard Compatibility: Micro ATX, Mini-ITX Power supply 80 Plus Bronze AC Input: 100v-240VACM 10A-5A 50-60Hz Rated Power: True Rated 700W 16 Desktop Computer (i3) Bercoessor: Intel Core i3-9100 Processor (9M Cache, up to 4.10 GHz) or higher Motherboard: Intel H310 Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151 MEGB DDR4 2400 DIMM Desktop Memory MESD: 240GB Meyboard and Mouse Combo Measing with Power Supply Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, Moperating System: Genuine Windows 10 Home (OEM) MAR: 500W IC controlled 17 Desktop Computer (i5) Mercoessor: Intel Core is 9400 or higher Motherboard: Intel Core is 9400 or hi						
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Rated Power: True Rated 700W Set Desktop Computer (i3) Set 2 30,000.00 60,000.00						
Desktop Computer (i3) Set 2 30,000.00 60,000.00 ©Processor: Intel Core i3-9100 Processor (9M Cache, up to 4.10 GHz) or higher ©Motherboard: Intel H310 Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151 ©88GB DDR4 2400 DIMM Desktop Memory ©SSD: 240GB ©Keyboard and Mouse Combo ©Casing with Power Supply ©Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ©Operating System: Genuine Windows 10 Home (OEM) ©AVR: 500W IC controlled 17						
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Cache, up to 4.10 GHz) or higher Motherboard: Intel H310 Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151 M8GB DDR4 2400 DIMM Desktop Memory MSSD: 240GB Mkeyboard and Mouse Combo Casing with Power Supply Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, Cypicaling System: Genuine Windows 10 Home (OEM) MAVR: 500W IC controlled 17 Desktop Computer (i5) MProcessor: Intel Core i5 9400 or higher Motherboard: Intel H310 Chipset Intel GB (2x8) DDR4 or higher Memory: Intel GB (2x8) DDR4 or higher MSSD: 500GB M.2, MOperating System: Intel Mindows 10 Home (OEM) Meyoard and mouse combo MSeyboard and mouse combo MStereo speakers	10		Set		30,000.00	60,000.00
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motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151 ■8GB DDR4 2400 DIMM Desktop Memory ■SSD: 240GB ■Keyboard and Mouse Combo ■Casing with Power Supply ■Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: ■ ■Intel Core i5 9400 or higher ■Motherboard: ■ ■Motherboard: ■ ■Anti-Sulfur Resistors Design ■ ■Anti-Sulfur Resistors Design ■ ■Gaming LAN with Bandwidth Management ■ ■Memory: ■ ■16GB (2x8) DDR4 or higher ■ ■SSD: 500GB M.2, ■ ©Optical Drive: DVD-RW ■ ■Casing: W/ 700W PSU, ■ ■Monitor: 23" IPS FHID, ■ ■Operating System: ■ ■Genuine Windows 10 Home (OEM) ■ ■Keyboard and mouse combo ■ ■500W IC controlled AVR ■ ■Stereo speakers						
Resistor, LGA-1151 BSGB DDR4 2400 DIMM Desktop Memory BSSD: 240GB Meyboard and Mouse Combo Casing with Power Supply Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, Coperating System: Genuine Windows 10 Home (OEM) AVR: 500W IC controlled 17 Desktop Computer (i5) Initial Core i5 9400 or higher Motherboard: Intel H310 Chipset Anti-Sulfur Resistors Design Gaming LAN with Bandwidth Management Memory: SSD: 500GB M.2, Coperating System: Coperating						
■8GB DDR4 2400 DIMM Desktop Memory ■SSD: 240GB ■Keyboard and Mouse Combo ■Casing with Power Supply ■Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: Intel Core i5 9400 or higher ■Motherboard: Intel H310 Chipset Anti-Sulfur Resistors Design Intel R310 Chipset Anti-Sulfur Resistors Design Intel B310 Chipset Intel B						
■SSD: 240GB ■Keyboard and Mouse Combo ■Casing with Power Supply ■Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cdm2 / Refresh Rate: 60 Hz, ■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: Intel Core i5 9400 or higher ■Motherboard: Intel H310 Chipset Anti-Sulfur Resistors Design Gaming LAN with Bandwidth Management ■Memory: Intel GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers		·				
■Keyboard and Mouse Combo ■Casing with Power Supply ■Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: Intel Core i5 9400 or higher ■Motherboard: Intel H310 Chipset Anti-Sulfur Resistors Design Gaming LAN with Bandwidth Management ■Memory: Intel Bandwidth Management ■Memory: Intel Core i5 500GB M.2, ■Optical Drive: DVD-RW ■Casing: Wr 700W PSU, ■Monitor: 23" IPS FHD, ■Casing: Wr 700W PSU, ■Monitor: 23" IPS FHD, ■Coperating System: Intel Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■S00W IC controlled AVR ■Stereo speakers						
©Casing with Power Supply ■Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: ■Intel Core i5 9400 or higher ■Motherboard: ■Intel H310 Chipset ■Anti-Sulfur Resistors Design ■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers						
■Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ©Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: ■Intel Core i5 9400 or higher ■Motherboard: ■Intel H310 Chipset ■Anti-Sulfur Resistors Design ■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers		•				
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 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ©Processor: Intel Core i5 9400 or higher ©Motherboard: Intel H310 Chipset Intel H3						
## ## ## ## ## ## ## ## ## ## ## ## ##						
(Typical): 200 cd/m2 / Refresh Rate: 60 Hz, ■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: ■Intel Core i5 9400 or higher ■Motherboard: ■Intel H310 Chipset ■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR						
■Operating System: Genuine Windows 10 Home (OEM) ■AVR: 500W IC controlled 17 Desktop Computer (i5) Unit 1 45,000.00 45,000.00 ■Processor:						
Home (OĒM)						
■AVR: 500W IC controlled 17 Desktop Computer (i5) unit 1 45,000.00 45,000.00 ■Processor: ■Intel Core i5 9400 or higher ■Motherboard: ■Intel H310 Chipset ■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers		1				
17 Desktop Computer (i5) unit 1 45,000.00 ■Processor: ■Intel Core i5 9400 or higher ■Motherboard: ■Intel H310 Chipset ■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR						
■Processor: Intel Core i5 9400 or higher ■Motherboard: Intel H310 Chipset Intel H310 Chipset Intel H310 Resistors Design Intel H310 Chipset Intel H	17		unit		45,000,00	45 000 00
■Intel Core i5 9400 or higher ■Motherboard: ■Intel H310 Chipset ■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ©Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ©Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers	17		unit	J	45,000.00	45,000.00
■Motherboard: Intel H310 Chipset Intel H310						
Intel H310 Chipset Intel H310 Chipset Intel Anti-Sulfur Resistors Design Intel Gaming LAN with Bandwidth Management Image: Memory: Intel Gaming LAN with Bandwidth Management Image: Memory: Intel Gaming Landwidth Management						
■Anti-Sulfur Resistors Design ■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers	-					
■Gaming LAN with Bandwidth Management ■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers						
■Memory: ■16GB (2x8) DDR4 or higher ■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers						
■ 16GB (2x8) DDR4 or higher ■ SSD: 500GB M.2, ■ Optical Drive: DVD-RW ■ Casing: W/ 700W PSU, ■ Monitor: 23" IPS FHD, ■ Operating System: ■ Genuine Windows 10 Home (OEM) ■ Keyboard and mouse combo ■ 500W IC controlled AVR ■ Stereo speakers		· ·				
■SSD: 500GB M.2, ■Optical Drive: DVD-RW ■Casing: W/ 700W PSU, ■Monitor: 23" IPS FHD, ■Operating System: ■Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers						
©Optical Drive: DVD-RW ©Casing: W/ 700W PSU, ©Monitor: 23" IPS FHD, ©Operating System: ✓Genuine Windows 10 Home (OEM) ©Keyboard and mouse combo ©500W IC controlled AVR ©Stereo speakers						
©Casing: W/ 700W PSU, ©Monitor: 23" IPS FHD, ©Operating System: ◀ Genuine Windows 10 Home (OEM) ©Keyboard and mouse combo ©500W IC controlled AVR ©Stereo speakers		·				
■Monitor: 23" IPS FHD, ■Operating System: ◀Genuine Windows 10 Home (OEM) ■Keyboard and mouse combo ■500W IC controlled AVR ■Stereo speakers						
■Operating System:						
■ Genuine Windows 10 Home (OEM) ■ Keyboard and mouse combo ■ 500W IC controlled AVR ■ Stereo speakers						
©Keyboard and mouse combo ©500W IC controlled AVR ©Stereo speakers						
■500W IC controlled AVR ■Stereo speakers		` ,				
■Stereo speakers						
18 Desktop Computer (i7) unit 11 45,000.00 495,000.00						
	18	Desktop Computer (i7)	unit	11	45,000.00	495,000.00

		1		T T	
	higher				
	Craphica: Intel® HD Craphica Discrete Craphica: Intel® HD Craphica Discrete				
	■Graphics: Intel® HD Graphics Discrete graphics				
	on Memory: at least 4 GB Dual Channel, DDR4 at				
	2666MHz expandable to 32 GB				
	■Expansion Slots: 1 x M.2, 2 x PCI-e x 1, 1 x				
	PCI-e x 16				
	■SATA: 4 x SATA 6Gb/s *1				
	■Storage: at least 250 GB M.2 SSD				
	■Operating System: Genuine Windows 10				
	Home				
	■Power Supply: at least 500 W Peak with ATX				
	case				
	■Monitor: 24" LED IPS Full HD				
	■Keyboard and Mouse				
19	Desktop Computer (w/o Monitor)	unit	1	24,000.00	24,000.00
	■Processor: Intel Core i3-9100 Processor (9M				
	Cache, up to 4.10 GHz)				
	Motherboard Intel H310 Ultra Durable Motherboard Intel H310 Ultra Durable				
	motherboard, Gaming LAN, Anti-Sulfur				
	Resistor, LGA-1151				
	Memory: 8GB DDR4 2400 DIMM Desktop Memory:				
	Memory ©SSD: 240GB				
	■Casing with Power Supply				
	■Casing With Fower Supply ■Operating System: Genuine Windows 10				
	Home (OEM)				
	■w/ USB Keyboard and Mouse				
20	Desktop Computer, All-in-one (AIO)	unit	3	52,000.00	156,000.00
	■Processor: 11th Generation Intel® i5-1135G7			,	,
	processor (8MB Cache, up to 4.2 GHz)				
	■Display: 23.8-inch FHD (1920 x 1080) Anti-				
	Glare Narrow Border Infinity Non-Touch Display				
	■GPU: Intel Iris Xe Graphics with shared				
	graphics memory				
	■Memory: 8GB, 2666MHz, DDR4 (1x8GB,				
	note: extra slot for upgrade)				
	Storage: 256GB M.2 PCIe NVMe Solid State				
	Drive (Boot) + 1TB 7200 rpm 2.5" SATA Hard				
-	Drive (Storage) ©Ports: 1 Rear USB 2.0 Type A, 3 USB 3.1 Gen			+	
	1 Type A, 1 USB 3.1 Gen 2 Type-C, 1 RJ-45, 1				
	Microphone/Headset Jack, 1 DC power, 1				
	HDMI-In, 1.HDMI-out (1.4)				
	■Below: Speaker, Power, Input mode, Power				
	on/Wake from USB KBMS from S3/Modern				
				1	
	Standby ,S4, S5			<u> </u>	
	■Operating System: Windows 10 Home				
	Operating System: Windows 10 Home Included with Wireless Keyboard and Mouse				
21	■Operating System: Windows 10 Home ■Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5"	unit	4	35,000.00	140,000.00
21	■Operating System: Windows 10 Home ■Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5" IPS	unit	4	35,000.00	140,000.00
21	■Operating System: Windows 10 Home ■Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5" IPS ■Processor: Intel Core i3-1005G1 (2C / 4T, 1.2)	unit	4	35,000.00	140,000.00
21	©Operating System: Windows 10 Home ©Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5" IPS ©Processor: Intel Core i3-1005G1 (2C / 4T, 1.2 / 3.4GHz, 4MB) or higher	unit	4	35,000.00	140,000.00
21	■Operating System: Windows 10 Home ■Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5" IPS ■Processor: Intel Core i3-1005G1 (2C / 4T, 1.2 / 3.4GHz, 4MB) or higher ■Graphics: Integrated Intel UHD Graphics	unit	4	35,000.00	140,000.00
21	■Operating System: Windows 10 Home ■Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5" IPS ■Processor: Intel Core i3-1005G1 (2C / 4T, 1.2 / 3.4GHz, 4MB) or higher ■Graphics: Integrated Intel UHD Graphics ■Chipset: Intel SoC Platform Memory: 1x 8GB	unit	4	35,000.00	140,000.00
21	■Operating System: Windows 10 Home ■Included with Wireless Keyboard and Mouse Desktop Computer, All-In-One (AIO), 21.5" IPS ■Processor: Intel Core i3-1005G1 (2C / 4T, 1.2 / 3.4GHz, 4MB) or higher ■Graphics: Integrated Intel UHD Graphics	unit	4	35,000.00	140,000.00

	dual channel canable				
	dual-channel capable				
	■Max Memory: Up to 16GB DDR4-3200				
	Storage: 512GB SSD M.2 2280 PCIe 3.0				
	NVMe				
	■Display: 21.5" FHD (1920x1080) IPS 250nits				
	■Touchscreen: None				
	Keyboard: Calliope Wireless Keyboard				
	Mouse: Calliope Wireless Mouse				
	■Expansion Slots: Two M.2 slots (one for				
	WLAN, one for SSD)				
	■Ethernet: Integrated 100/1000M WLAN +				
	Bluetooth: 11ax, 2x2 + BT5.0				
	■Rear Ports: 1x power connector 1x HDMI 1.4				
	out 1x Ethernet (RJ-45) 2x USB 2.0 1x USB 3.1				
	Gen 1				
	■Left Ports: 1x headphone / microphone combo				
	jack (3.5mm) 1x card reader 1x USB 3.1 Gen 1				
22	Desktop Microphone	pieces	3	650.00	1,950.00
	©Compatible with: Desktop/Notebook/PC,				
	Windows 7-10				
	Prickup: 6mm Condenser Mic				
	Microphone Directivity: Omnidirectional				
	■Sensitivity: -58db±3db				
	■Signal-to-noise Ratio: ≤50dB				
	■Cable Length: 2.5m				
	■Type: 3.5mm Plug				
23	Dual Monitor Bracket with C-clamp and	unit	1	2,000.00	2,000.00
20	Grommet Fit	dill	'	2,000.00	2,000.00
	■Fit in 18-32 inch Monitor, Vesa compatible				
	■Height Adjustable Arm				
	■Maximum Load capacity 13kg each arm(26kg				
	both arms)				
	■Landscape and portrait orientation				
	■Tilt angle free adjustment				
	■Velcro strap cable manager				
24	Epson 003 Ink Bottle for Epson L3150, Black	btls	18	400.00	7,200.00
25	Epson 003 Ink Bottle for Epson L3150, CYAN	btls	12	400.00	4,800.00
26	Epson 003 Ink Bottle for Epson L3150,	btls	12	400.00	4,800.00
20	MAGENTA	มแจ	12	400.00	4,000.00
27	Epson 003 Ink Bottle for Epson L3150,	btls	12	400.00	4,800.00
21	YELLOW	มแร	12	400.00	4,000.00
28	EPSON L220 Ink Cartridge Black	btls	6	350.00	2,100.00
29	EPSON L220 Ink Cartridge Cyan	btls	6	350.00	2,100.00
30	EPSON L220 Ink Cartridge Magenta	btls	6	350.00	2,100.00
31	EPSON L220 Ink Cartridge Yellow	btls	6	350.00	2,100.00
32	Epson L6160 Black 001	btls	20	400.00	8,000.00
33	Epson L6160 Cyan 001	btls	15	350.00	5,250.00
34	Epson L6160 Magenta 001	btls	15	350.00	5,250.00
35	Epson L6160 Yellow 001	btls	15	350.00	5,250.00
36	External Hard Disk Drive (Portable, 1TB),	unit	4	3,000.00	12,000.00
30	USB 3.1	unit	4	3,000.00	12,000.00
	■Shock-absorbing				
	■Interface: USB 3.1 (Max.5Gb/s)				
	■Capacity: 1TB				
	■Texture: Plastic/Rubber				
	■Operating Voltage: DC 5V, 900mA				
	■System Requirements: Windows XP / Vista / 7				
	/8/8.1/10, Mac OS X 10.6 or later, Linux				
		·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

	Kernel 2.6 or later				
37	External Hard Disk Drive (Portable, 2TB),	unit	_	4 200 00	21,000.00
31	USB 3.1	unit	5	4,200.00	21,000.00
	■Shock-absorbing				
	■Interface: USB 3.1 (Max.5Gb/s)				
	■Capacity: 2TB				
	■Texture: Plastic/Rubber				
	■Operating Voltage: DC 5V, 900mA				
	System Requirements: Windows XP / Vista / 7				
	/8/8.1/10, Mac OS X 10.6 or later, Linux				
	Kernel 2.6 or later				
38	External Hard Disk Drive, (Portable 500GB), USB 3.0	piece	3	3,500.00	10,500.00
	■Hard Drive Type:2.5" HDD				
	■USB Interface: USB 3.0				
	■Capacity:500GB				
39	Fiber Optic Patch Panels	рс	10	1,000.00	10,000.00
	■Termination Area:				
	◆Front Sliding Drawer Fiber Express ECX				
	Patch Panel Housing 1U				
	◆holds 2 ECX adapter frames or cassettes				
	◄ FX Adapter Strip LC Duplex				
40	Flash Drive, at least 32GB USB 3.0	piece	7	800.00	5,600.00
	Genuine Hp laserjet toner 85A (CE285A)		-		·
41	black	boxes	60	2,200.00	132,000.00
42	Headset (Wired), Generic Over the Ear with mic	pcs	3	250.00	750.00
	■Line is equipped with a rotary volume				
	controller, one key Mic mute,				
	■Frequency Range:20-20K(Hz)				
	■Sensitivity:-52(dB)				
	■Impedance:32(Ohm)				
	■Speaker Diameter:40(mm)				
	■Distortion Rate:0.8%				
	■Plug Diameter:3.5mm				
43	Headset with Noise Cancelling Mic	unit	9	1,800.00	16,200.00
	■Input Impedance: at least 32 Ohms				
	■Sensitivity (headphone):at least 94 dBV/Pa +/- 3 dB				
	■Sensitivity (microphone): -17 dBV/Pa +/- 4 dB				
	■Frequency response (Headset): 20 Hz - 20 KHz				
	■Frequency response (Microphone): 100 Hz - 10 KHz				
	■Cable Length: at least 7 ft				
	■Connections: USB-A compatible (1.1, 2.0, 3.0), USB port 1Type A port or adapter				
11	Ink Cartridge, HP680, black	noc	2	465.00	020.00
44 45	Ink Cartridge, HP680, tri color	pcs	2	465.00	930.00
40	Ink continuus, refill,Black BT6000BK	pcs		403.00	930.00
46	(Brother DCP T300)	btls	10	400.00	4,000.00
47	Ink continous, refill,Black BT6000BK (Brother DCP T310)	btls	10	400.00	4,000.00
48	Ink continuous, refill, black (Brother DCP T310)	btls	10	400.00	4,000.00
49	Ink continuous, refill, cyan (Brother DCp T310)	btls	10	400.00	4,000.00
50	Ink continuous, refill, magenta (Brother DCP	btls	10	400.00	4,000.00

	T310)				
51	Ink, Brother BT5000C Cyan	btls	15	500.00	7,500.00
52	Ink, Brother BT5000M Magenta	btls	15	500.00	7,500.00
53	Ink, Brother BT5000Y Yellow	btls	15	500.00	7,500.00
54	Ink, Brother BTD60BK, Black	btls	5	500.00	2,500.00
55	Ink, Brother LC-539XL, Black	pc	23	470.00	10,810.00
56	Ink, Brother LC-539XL, Cyan	рс	12	470.00	5,640.00
57	Ink, Brother LC-539XL, Magenta	рс	12	470.00	5,640.00
58	Ink, Brother LC-539XL, Yellow	рс	12	470.00	5,640.00
59	Ink, Cartriage, LC535XL - Cyan, DCP-J100	box	4	400.00	1,600.00
	Ink, Cartriage, LC535XL - Magenta, DCP-	DOX	4		
60	J100	box	4	400.00	1,600.00
61	Ink, Cartriage, LC535XL-Yellow, DCP-J100	box	4	400.00	1,600.00
62	Ink, Epson 003,Genuine Black 65mL	btl	82	350.00	28,700.00
63	Ink, EPSON 003,Genuine Cyan 65mL	btl	43	350.00	15,050.00
64	Ink, EPSON 003, Genuine Magenta 65mL	btl	42	350.00	14,700.00
65	Ink, EPSON 003, Genuine Yellow 65mL	btl	42	350.00	14,700.00
66	Ink, Epson, genuine (C) T664, 70 ml	pieces	15	350.00	5,250.00
67	Ink, Epson, genuine (M) T664, 70 ml	pieces	10	350.00	3,500.00
68	Ink, Epson, genuine, (BK) T664, 70 ml	pieces	15	350.00	5,250.00
69	Ink, Epson, genuine, (Y) T664, 70 ml	pieces	10	350.00	3,500.00
	Keyboard And Mouse Combo Bundle, USB				
70	powered	set	3	600.00	1,800.00
	■Keyboard				
	◆Hotkeys: No				
	◄ Character: Laser Engraving				
	■ Adjustable Keyboard Legs: Yes				
	■Rating: 5 V / 30 mA				
	■Mouse				
	■Report Rate: 125 Hz				
	■Resolution: 1000 DPI				
-					
	◆Ergonomic Design: Symmetric ◆Size Middle (Birt Hands) • Control of the state of the sta				
74	Size: Middle / Big Hands	. "1		44.000.00	400 000 00
71	Laptop 14" (i5)	unit	3	44,000.00	132,000.00
	Processor: Intel Core i5-1035G1 Processor OCLIF 6M Cooks are to 2.60 CLIF or higher				
	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 poolset (for expension)				
	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: 512GB PCIe Gen3 x2 SSD				
72	Laptop, AMD Ryzen 5 4500U, 14" FHD	unit	1	45,000.00	45,000.00
<u> </u>	■Processor: CPU AMD Ryzen 5 4500U or		•	12,000,00	. 5,000.00
	higher				
	■Graphics: AMD Radeon Graphics				
	■Display: 14" 1920x1080 IPS FHD LED				
	250NITS				
	■Memory: 16GB DDR4 3200MHZ(8+8)				
	Storage: 512g SSD M2				
	■Storage: 372g 33D M2 ■Keyboard and Touchpad: No backlit				
<u></u>	Encypoard and rodonpad. NO backiil	ı			

	■Audio: HD audio Realtek				
	©Camera: 720PHD CAM				
	■Wireless Connectivity: Wi-Fi 6 BT5.0				
	■Battery and Power: 45W BATTERY				
	■Operating System: Genuine Windows 10				
73	Laptop, Intel Core i5 10th Gen , 15.6" FHD	unit	1	45,000.00	45,000.00
'	■Processor: Intel Core i5 10th gen processor or	dilit		40,000.00	+0,000.00
	higher				
	■Memory: 16GB DDR4 2400MHz				
	■Display: 15.6-inch full HD IPS 1920x1080				
	screen				
	■Graphics card: NVIDIA Geforce MX350 2GB				
	(GDDR5 video memory)				
	■SSD: 512GB NvME M2				
	■Network: wireless network card dual-band				
	dual-antenna 802.11.ax (support 5G network);				
	Bluetooth Bluetooth5.0				
	■Operating System: Genuine Windows 10				
74	Laptop, Intel Core i5 11th Gen, 15.6" FHD	unit	1	45,000.00	45,000.00
	■Processor: 11th Gen Intel ® Core ™ i5 or			,	•
	higher				
	■Graphics: Intel® Iris® Xe Graphics				
	■Display: 15.6" 1920x1080 resolution FHD IPS				
	■Memory: 16GB DDR4 3200MHz				
	■Storage: 512GB M.2 SSD				
	■Keyboard and Touchpad: Not Backlight				
	■Audio: Realtek Audio				
	©Camera: 720P HD				
	■Wireless Connectivity: Wi-Fi 5 and Bluetooth				
	4.0-4.2				
	■Operating System: Genuine Windows 10				
75	Laser toner cartridge for hp 107A, Replace	pcs	6	8,800.00	52,800.00
	w/ W1107a		_	· ·	
76	LCD Projector, XGA (1024x768)	unit	3	27,000.00	81,000.00
	■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				
	Separation 4:3 Separation 5:00 Made up to 5000 hrs.				
	Stamp Life: ECO Mode up to 5000 hrs RNormal Mode up to 4000 hrs		1	+	
	■Normal Mode up to 4000 hrs ■Projection Distance Wide/Tele: 1,8 m - 2,17 m		-		
	(60 inch screen)		1		
	■Keystone Correction: Manual		-	+	
	■Neystone Correction. Manual ■USB Plug 'n Play: Compatible w/ PC and MAC		-	+	
	computers				
	©Contrast Ratio: 15.000 : 1			+	
	■Color Reproduction: 16.77 million color				
77	Memory Module DDR4, 16GB (8GB x 2)	pcs	2	5,600.00	11,200.00
- ' ' -	Memory Type: DDR4	pos		5,000.00	11,200.00
	■Memory Size: 16GB Kit (2 x 8GB)		1		
	■Tested Latency: 18-22-22-42		1		
	■Tested Voltage: 1.35V		1		
	■Tested Vollage: 1.33V ■Tested Speed: 3600MHz		1		
	■LED Lighting: RGB		1	+	
	■Single Zone / Multi-Zone		1	+	
	Lighting: Individually Addressable				
	Lighting . Individually Addressable		I		

	■SPD Latency : 18-18-18-43				
	■SPD Speed : 2666MHz				
	■SPD Voltage : 1.2V				
	■SPD Vollage : 1.2 V ■Speed Rating : PC4-28800 (3600MHz)				
	©Compatibility: Intel 300 Series, Intel 400				
	Series,Intel 400 Series,Intel X299,AMD X570				
	Beat Spreader: Anodized Aluminum				
	■Package Memory Format: DIMM				
	■Package Memory Pin: 288				
78	Microsoft Office Home & Student 2019, 1	pcs	1	7,500.00	7,500.00
	Perpetual License, Medialess	1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
	■One-time purchase for 1 PC or Mac				
	©Classic 2019 versions of Word, Excel, and				
	PowerPoint				
	■Microsoft support included for 60 days at no				
	extra cost				
	■Licensed for home use				
79	Mirrorless Camera, 24MP APS-C	unit	1	50,000.00	50,000.00
	■24.1MP APS-C CMOS Sensor				
	■Digital Imaging Integrated Circuit (DIGIC) 8				
	Image Processor				
	■UHD 4K and HD 720p120 Video Recording				
	■Dual Pixel CMOS AF with Eye Detect AF				
	■2.36m-Dot OLED Electronic Viewfinder				
	■3.0" 1.04m-Dot Vari-Angle Touchscreen				
	■Wi-Fi and Bluetooth; Webcam Capability				
	■Extended ISO 51200, 10 fps Shooting				
	■Combination 5-Axis Image Stabilization				
	■Includes EF-M 15-45mm f/3.5-6.3 IS STM				
	Lens				
00	Monitor Stand, Dual Articulating, C-Clamp	-:		2.500.00	2.500.00
80	and Grommet Option	piece	1	3,500.00	3,500.00
	■Material: Steel				
	■Supported Flat-Panel Screen Sizes: 13" to 32"				
	■Cable clips keep cables organized and				
	protected				
	■Max Load: 8 kg / 17.6lbs				
	■Clamp: 10-88mm (table thickness)				
	■Grommet: 10-75mm (table thickness)				
	■VESA: 75x75,100x100				
	©Tilt Range:+45°~-45°				
	Swivel Range:+90°~-90°			+ +	
	Screen Rotation:+180°~-180°				
	■Installation: Grommet, Clamp				
-	Motherboard, Intel B460 Chipset for Intel				
81	LGA 1200 Processors	unit	2	5,900.00	11,800.00
	■Supports 10th Gen Intel® Core™ Processors				
	■Dual Channel Non-ECC Unbuffered DDR4, 4				
	DIMMs				
	■High Quality Audio Capacitors and Audio				
	Noise Guard with LED Trace Path Lighting	<u> </u>			
	■Ultra-Fast M.2 with PCle Gen3 X4 & SATA				
	Interface				
	■Smart Fan 5 features Multiple Temperature				
	Sensors and Hybrid Fan Headers with FAN				
	STOP				
	■Anti-Sulfur Resistors Design			†	
 	©Ultra Durable™ 15KV Surge LAN Protection				
				1	

	■ Intel® Optane™ Memory Ready				
82	Mouse, Wired Optical, PS/2	рс	2	210.00	420.00
	■Ergonomic Design: Symmetric				0.00
	Sensor: Optical				
	■Type: Wired (PS2)				
	System Requirements: Windows XP / Vista /				
	7/8/8.1/10				
	■2 buttons + scrolling wheel optical mouse				
	■Works on most surfaces				
	■Microsoft system compatible				
	■Resolution: 1000 DPI				
83	Mouse, Wired, Optical, USB	pieces	5	210.00	1,050.00
	■ USB Port Connectivity				
	■Sensor: Optical				
	■DPI: 1600				
	■Work method: Wired				
	■Buttons: Left button, middle button, right				
	button				
<u> </u>	Scroll wheel direction: Two way				
	Design highlights: Easy installation. 1600 DPI				
	high-definition tracking engine. Anti-slip scroll				
	wheel. Full-size, ambidextrous design			4400000	00 000 00
84	Netbook Laptop	рс	2	14,999.00	29,998.00
	■11.6 Inches Screen LED TFT				
	©LCD Display with 1366 x 768 Pixels				
	Resolution, Dual Core-1007U 1.5 Ghz				
	Processer,				
	■2 GB DDR3 included and Expandable 8 GB				
	RAM, 500 GB HDD SATA Hard drive, Intel HD				
	■128 MB Graphics Card, 3 x USB 2.0, Li-ion 4				
	Hours Battry Life.				
85	Photocopier with printer & scanner with ADF, 40PPM (monochrome)	unit	1	230,000.00	230,000.00
	✓ Photocopier, Printer and Scanner				
	✓ Upto A3 size paper				
	✓ Heavy Duty				
	✓ 24 pages per Minute				
	✓ Built-in FEEDER / ADF				
	✓ Built-in DUPLEX / Auto Back-to-back				
	✓ Memory: 1.5 GB				
	✓ Network Ready				
	✓ USB Memory Direct Print and Scan				
	✓ DrumLife / Maintenance Kit @ 200,000				
	pages				
<u> </u>	FREE:				
<u> </u>	✓ 2 years Service Warranty				
-				+	
	✓ 1 Year Parts Warranty				
	✓ Starter Toner @ 3,000 pages (Black)				
	✓ Operations DEMO				
86	Power Supply, 300 watts, ATX w/ ATX	pieces	1	1,200.00	1,200.00
	casing	۲.0000	•	.,200.00	1,200.00
87	Processor, Intel Core i7 at least10th	unit	2	18,000.00	36,000.00
<u></u>	Generation			,	,
<u> </u>	■Total Cores: 8				
	■Total Threads: 16				
	■Processor Base Frequency: 3.80 GHz				

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■IPv4 (RFC 791) Integrated w			
provides web-based administr	ation and		
configuration			
■Telephone keypad configura	tion via display		
menu/navigation			
■Automated provisioning and	upgrade via		
HTTPS, HTTP, TFTP			
■Asynchronous notification of	upgrade		
availability via NOTIFY			
■Nonintrusive in-service upgra			
■Report generation and event	logging		
■Statistics transmitted in BYE	message		
■Syslog and debug server red	ords: configurable		
per line			
■Address Resolution Protocol			
■DNS: A record (RFC 1706),	SRV record (RFC		
2782)			
■Dynamic Host Configuration	Protocol (DHCP)		
client (RFC 2131)			
■Internet Control Message Pro	otocol (ICMP)		
(RFC 792)			
■ TCP (RFC 793)			
■User Datagram Protocol (UD			
■Real-Time Transport Protoco	ol (RTP) (RFC		
1889, 1890)			
■Real-Time Control Protocol (RTCP) (RFC		
1889)			
■Differentiated Services (DiffS			
■Type of service (ToS) (RFC:			
■VLAN tagging 802.1p/Q: Lay	er 2 quality of		
service (QoS)	. (2) (2)		
Simple Network Time Protoc			
2030)SIP version 2 (RFC 326	1, 3262, 3263,		
3264)			
SPCP with the Cisco Unified	Communications		
500 Series			
■SIP proxy redundancy: dynal	nic via DNS SRV,		
A records			
■Reregistration with primary S			
SIP support in NAT networks	(including		
STUN)			
■SIPFrag (RFC 3420)	0.0.7.0		
Secure (encrypted) calling vi	a SRIP		
■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			
Dual-tone multifrequency (D			
out-of-band (RFC 2833) (SIP			
■Flexible dial plan support with			
■IP address/URI dialing suppo			
■Call progress tone generation	7		
Jitter buffer: adaptive			
■Frame loss concealment			

	■Comfort Noise Generation (CNG)				
	Voice activity detection (VAD) with silence				
	suppression				
	suppression ■Attenuation/gain adjustments				
	■VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE				
	©Caller ID support (name and number)				
	Third-party call control (RFC 3725)				
00	©Compatible with existing VOIP Phones of VSU		-	2 000 00	F 000 00
96	Solid State Drive, 250GB NvME PCiE	pcs	2	2,900.00	5,800.00
	©Capacity: 250GB				
	Interface: PCle				
	Sequential Read Performance: 2400MB/s Sequential Read Performance: 2400MB/s				
	Sequential Write Performance: 950MB/s				
	■can last up to 1.75M hours MTTF2 (mean time				
	to failure), with up to 600 TBW3 (terabytes				
	written)				
97	Speaker, for PC, 2.1 (Speaker with	рс	3	1,500.00	4,500.00
	Subwoofer)	F -		1,000100	1,000100
	■Power Output : rms 4.5w×2 sw: 12w				
	■Signal to noise ratio : 80dba				
	■Frequency Response : 80hz~20khz (±6db)				
	© R/l: 300±50mv sw: 100 ± 20mv				
	■Aux/USB/SD card				
	Bass driver :4 inch				
	■Treble driver :2 3/4 inch				
98	Tablet Computer, 8", 32GB ROM	pieces	5	9,500.00	47,500.00
	■Display Size 8.0"				
	■OS Android 9.0 (Pie)				
	■Battery: 5100mAh				
	■RAM: 2GB				
	©ROM: 32GB				
	■External Memory Support: MicroSD Up to				
	512GB				
	■Card slot microSDXC (dedicated slot)				
	■Chipset Qualcomm SDM429 Snapdragon 429				
	(12 nm)				
	■CPU Quad-core 2.0 GHz Cortex-A53				
	■GPU Adreno 504				
	■SIM Nano-SIM				
	■Rear Camera Flash: No				
	■Video Recording Resolution: FHD(1920 x				
	1080) @30fps				
	■OS: Android 9.0 (Pie)				
99	UPS	unit	2	7,000.00	14,000.00
	■Output Power Capacity: 550 Watts/1100 VA	ψι. .		.,555.55	,555.55
	■Max Configurable Power: 550 Watts/1100 VA				
	2 years' warranty				
	■Nominal Output Voltage: 230V			1	
	■Output Connections:(2) IEC 320 C13 (Battery				
	Backup) (4) Universal Receptacle (Battery				
	Backup)				
	■Nominal Input Voltage: 230V			+	
	■At most 4 hours charging time				
100	UPS, 1000 VA	unit	1	3 000 00	3 000 00
100	· ·	unit	1	3,000.00	3,000.00
	■1000VA/600W capacity			1	
-	©Frequency Range: 60 Hz				
	■Freq. Range (Batt. Mode): 60 Hz ± 1 Hz				

	ETransfor Time: Typical 4.9 mg		1	T	1
	■Transfer Time: Typical 4-8 ms ■Waveform (Batt. Mode): Simulated Sine Wave				
	, ,				
	Back-up Runtime: 10-15 mins				
	Voltage: 220 VAC				
404	■Voltage Range: 162-270 VAC	-:	4	0.550.00	0.550.00
101	UPS, at least 500 w	piece	1	2,550.00	2,550.00
400	Recharging Time: at most 4 Hours;		4	5 000 00	5 000 00
102	UPS, at least 800 watts	unit	1	5,000.00	5,000.00
	Recharging Time: at most 4 Hours;				
400	Vertical Type Fiber Splice Box, IP68			0.000.00	0.000.00
103	Waterproof Optic Splice Enclosure with	unit	1	3,000.00	3,000.00
	Accessories for Structur				
	Splice Enclosure				
	Material: PC, Alloy				
	■Protection Grade: IP68				
	■Layer Number of Connecting Disc: 1~4 layer				
	■Capacity: 24 Core				
	Accessories Included:				
	◀1 x Fiber Optic Splice Enclosure				
	◀1 x U Shape Connector				
	◀1 x Mounting Rail				
	◀2 x Accessory Package				
104	Web Camera for PC	unit	6	2,500.00	15,000.00
	■lmage sensor: 1 / 2.9				
	© Lens: 3.6mm/75.7 °				
	■Effective pixel: 1932 (H) * 1088 (V)				
	■Horizontal resolution: 2MP				
	SNR : > 50dB				
	■Video stream: H.264:1920 * 1080 / 1920 * 720				
	/ 640 * 360 MJPEG: 1920 * 1080 / 1920 * 720 /				
	640 * 360				
	■Video Frame rate: 25FPS / 30FPS				
	■Electronic shutter: Auto				
	■Protocol: UVC / UVA				
	■Video output: USB video stream				
	■Working voltage: DC5V / 160mA ± 6mA				
	■ Working environment: -20 °C to 60 °C				
105	Web Camera up to 4K with Omnidirectional		2	40,000,00	20,000,00
105	Microphone	pcs	2	10,000.00	20,000.00
	Multiple resolutions:				
	◀4K/30fps (up to 4096 x 2160 pixels)				
	■1080p/30 or 60 fps (up to 1920 x 1080 pixels)				
	◄ 720p/30, 60, or 90 fps (up to 1280 x 720				
	pixels)				
	■Camera mega pixel: 13				
	■Focus type: Autofocus				
	DLens type: Glass				
	■Built-in mic: Stereo				
	■Mic range: Up to 1 m				
	■Diagonal field of view (dFoV): 90°/78°/65°				
	■Digital zoom: 5x				
	■USB connectivity: USB-A plug-and-play,	1			
	supports USB-C with third party adapter (not				
	included)				
-	■Detachable universal mounting clip fits				
	laptops, LCD or monitors				
	■With HDR for clear image in various lighting				
	environments ranging from low light to direct				
	Environments ranging from low light to direct	1	[1	

	sunlight.				
	■Image controls with optional Camera Settings				
	application for control of pan, tilt, and zoom				
	■Infrared sensor technology for Windows (SDK				
	available for application integration)				
	Available for application integration; Attachable privacy shutter				
	Rebidding (from GOODS-21-55)				
	Canon PIXMA iP2770 lnk, Cartridge Black,				
106	Genuine	рс	2	900.00	1,800.00
	Canon PIXMA iP2770 Ink, Cartridge Colored,				
107	Genuine	рс	3	900.00	2,700.00
108	CCTV IP Camera	piece	3	3,192.00	9,576.00
100	■2MP WDR, with Built-in Mic	picoc	- 0	0,102.00	0,070.00
	■12v, DC				
	■30m IR range,				
	■1920x1080 Max. Resolution				
	Dome Type				
	■2.8/4mm fixed lens				
	DSLR Camera (24.2 MP, APS-C with 18-				
109	55mm lens), Brand new	unit	2	50,000.00	100,000.00
	24.2MP APS-C CMOS Sensor				
	3.0" 1.04m-Dot Vari-Angle Touchscreen				
	Full HD 1080p Video Recording at 60 fps				
	45-Point All Cross-Type AF System Dual Pixel CMOS AF				
	Expanded ISO 25600, Up to 7 fps Shooting Built-In Wi-Fi with NFCEF-S 18-55mm f/3.5-5.6				
	Built-III WI-F1 WILL NECEES 16-55/11/11 1/3.5-5.6 IS STM				
110	DVD RW Disc	nack	1	2,000.00	2,000.00
110	Type: Storage media - DVD+RW (DVD Re-	pack	ı	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				
111	DVD+RW 8x 4.7Gb w/ indiv case	pieces	20	50.00	1,000.00
112	DVD-R Disc	pack	1	1,000.00	1,000.00
112		pack	ı	1,000.00	1,000.00
-	4.7GB Capacity, 1-16x write speed Recording time: HQ: 1 hr, SP: 2 hrs, LP: 4hrs			+	
<u> </u>	Wide compatibility, Fast Addressing, Archival				
	Reliability, Stable Writing, Temperature				
	Adaptability				
<u> </u>	Supplied in 50 pack shrink wrap.				
113	Heavy Duty Microphone Wire	meters	46	71.00	3,266.00
113	stereo 3 wires	11101013	70	7 1.00	5,200.00
—	coated silver wires			+	
—	low noise reduction			+	
114	Ink Cartridge, HP680, black, Genuine	pcs	10	465.00	4,650.00
115	Ink Cartridge, HP680, tri color, Genuine	pcs	10	465.00	4,650.00
116	Power supply, at least 550 watts	piece	2	2,700.00	5,400.00
' ' '	true rated	PICCE		2,700.00	5,700.00
	■at least 550 watts power rating				
—	■ High efficiency with 80 PLUS certification			+	
	■24/7 continuous power output with 40 deg. C.				
	operating temperature				
	■Class-leading single +12V rail				
	BOIGSS-IBAGING SINGIB TIZVIAII				

	Active PFC Circuitry				
	■PCI-E 8pin and PCI-E 6pin connector support				
117	■Silent running 120mm fan with 18dBA Printer, Ink Tank, Print Only	unit	6	9,000,00	49,000,00
117	■Printing Technology: On-demand inkjet	unit	6	8,000.00	48,000.00
	(Piezoelectric)				
	Nozzle Configuration: 180 x 1 nozzles Black, So x 1 nozzles para polovy (Cycle Magneta				
	59 x 1 nozzles per colour (Cyan, Magenta,				
	Yellow)				
	Print Direction: Bi-directional printing				
	Maximum Print Resolution: 5760 x 1440 dpi With Veriable Sized Proplet Technology (5760 x)				
	(with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet				
	Technology)				
	■Minimum Ink Droplet Size: 3 pl				
\vdash					
	Compact integrated tank design Compact integrated tank design				
	Bligh yield ink bottles Spill from a great from a refilling.				
\vdash	Spill-free, error-free refilling				
440	Bood 4004 Digital Control College		47	470.00	0.004.00
118	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	_			
119	RJ-45 Modular Connector (AMP)	pieces	10	20.00	200.00
120	Digital Camera (For Underwater)	рс	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				
		1			
	■Microphones: three				
	■Battery: removable 1220mAh lithium-ion				
	■Battery: removable 1220mAh lithium-ion ■Stabilisation: HyperSmooth 2.0 with High and				
	■Battery: removable 1220mAh lithium-ion ■Stabilisation: HyperSmooth 2.0 with High and Boost options				
	■Battery: removable 1220mAh lithium-ion ■Stabilisation: HyperSmooth 2.0 with High and Boost options ■HDR: SuperPhoto, auto HDR processing				
	■Battery: removable 1220mAh lithium-ion ■Stabilisation: HyperSmooth 2.0 with High and Boost options				

	Close				
	Rebidding (from GOODS-22-05)				
121	Anti-virus Software, at least 3 users	рс	1	5,000.00	5,000.00
121	Anti-malware.	ро	•	0,000.00	0,000.00
	anti-ransomware				
	anti-hacking				
	perpetual license				
	Antivirus Software 3 Device, 1+1 Year				
122	Licence include VPN (enrolled auto-renewal)	pcs	2	2,000.00	4,000.00
	■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				
123	ATX Power Supply (500W)	pieces	2	980.00	1,960.00
	■Single 6pin				.,000.00
	■24pin connector				
	■Dual 4pin for board				
	■4 sata supply				
	■4 molex supply				
124	Computer HD Webcam	pieces	4	1,200.00	4,800.00
<u></u>	■1080P Full HD Webcam	,	•	,=====	,
	DLens: HD lens				
	■Sensor Type: CMOS				
	■Video Format: AVI				
	■Frame Rate: at least 30FPS				
	■Drive Type: free drive. Plug and play				
	■Photo Format: BMP JPG				
	■Resolution: 1920 * 1080 P				
	■Output Format: M-JPEG				
125	Computer Monitor 24", IPS	set	8	7,500.00	60,000.00
120	■Panel Size: Wide Screen 23.8"(60.5cm) 16:9	301	U	7,000.00	55,555.00
	■Color Saturation: 72%(NTSC)				
	■Color Saturation: 72%(NTSC) ■Panel Type: In-Plane Switching				
	■ True Resolution : 1920x1080				
	■ True Resolution : 1920x1000 ■ Brightness (Max) : 250 cd/m				
	■Contrast Ratio (Max) : 1000:1				
	. ,				
	■Response Time: 5ms (Gray to Gray)				
	©Display Colors: 16.7M				
106	©Flicker free	un:4	2	12 500 00	25 000 00
126	Computer Printer 3-in-1 @with CIS Filled with Inks	unit	2	12,500.00	25,000.00
	■Compact integrated tank design				
	■High yield ink bottles				
	Best of the second				
	■High yield ink bottles				

127	Computer Printer, All-in-One/Multifunction Colored-Ink Tank	unit	2	11,000.00	22,000.00
	■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				
128	Desktop Microphone	pieces	1	650.00	650.00
	■Compatible with: Desktop/Notebook/PC,				
	Windows 7-10				
	■Pickup: 6mm Condenser Mic				
	■Microphone Directivity: Omnidirectional				
	■Sensitivity: -58db±3db				
	■Signal-to-noise Ratio: ≤50dB				
	© Cable Length: 2.5m				
	■Type: 3.5mm Plug				
	Dryer/Sterilizer				
	Kills 99% of bacteria				
	Upper cabinet: at least 65 degrees				
	celsius heating temperature; suitable for				
	plastic, wood, and glass materials				
	Lower cabinet: at least 125 degrees celsius				
	heating temperature; suitable for porcelain,				
	glass, and stainless steel materials				
	With ozone disinfection system				
	Stops growth of molds				
	2 level cabinet				
	Capacity: at least 3.1 cu.ft				
129	Epson 188 Black, Cyan, Yellow & Magenta	sets	3	4,700.00	14,100.00
	Ink Set of 4 Colors	00.0		.,	,
	DURAbrite Ultra Ink				
	Max Economy for prints				
	Print up to A3+				
	Mobile printing with Epson Connect			_	
	For use on WF-7111 / WF-7611 / WF-7211 /				
	WF-7711				
	Average page yield for black ink cartridge: 2,200 pages				
	Average page yield for colour ink cartridge:				
4.5.	1,100 pages				
130	Epson L6160 Black 001	btls	16	400.00	6,400.00
131	Flatbed Scanner	unit	2	5,000.00	10,000.00
	Scanner Type:				
	■ Flatbed colour image scanner ■ Cooperation Mother disconner ■ Cooperation Mother disconner				
	Scanning Method: Fixed decorporate and maxing acquires.				
	▼ Fixed document and moving carriage				
	Optical Resolution:				
	◄ 4,800 dpi x 4,800 dpi *1				

	■Output Resolution:				
	■ 50 dpi to 4800 dpi, 7200 dpi, 9600 dpi (50 dpi				
	to 4800 dpi in 1 dpi increments) *2				
	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				
	Max Document Size: All to 10.00 to 20.7				
400	 ■Up to 216 x 297mm			4.000.00	0.000.00
132	HDMI Extender	рс	2	4,000.00	8,000.00
	120M HDMI Extender Cascade Connection				
	4k Via Cat5e/6				
	CAT6 RJ45 Ethernet Lan Network Card Cable				
	Transmitter Receiver TX RX W/ IR				
133	HDMI Splitter (8 Port)	unit	2	7,000.00	14,000.00
	Display Connections- 8				
	Device HDMI In: 1 x HDMI type A Female				
	(Black)				
	Display HDMI Out: 8 x HDMI type A female				
	(black)				
	Power 1 x DC jack				
	LEDs Power: Green				
	Input: 1 (green)				
	Output: (1-8): 1 (green)				
	HDMI Resolution: 4k x 2k, 1080p				
	Consumption: 5 VDC, 14.84W				
	Operating Temperature: 32 to 122F (0 to 50C)				
	Storage Temperature: -4 to 140F (-20 to 60 C)				
	Humidity: 0 to 80% RH (non-condensing)				
	Housing Metal				
	Headset (Wired), Generic Over the Ear with		_		
134	mic	pcs	3	500.00	1,500.00
	■Line is equipped with a rotary volume				
	controller, one key Mic mute,				
	■Frequency Range:20-20K(Hz)				
	■Sensitivity:-52(dB)				
	■Impedance:32(Ohm)				
	■Speaker Diameter:40(mm)				
	■Distortion Rate:0.8%				
	■Plug Diameter:3.5mm				
135	Headset, Over Ear, wired	sets	6	750.00	4,500.00
100	Wearing Type: Over-ear	3013	-	700.00	4,000.00
 	■Microphone: Yes				
-	■Wolume Control: Yes				
	■Volume Control: Yes ■One Key Mute Button: Yes				
	Microphone: Omnidirectional				
	■Micropriorie. Offinialrectional ■Plug Type: 3.5mm			-	
-				-	
<u> </u>	Speaker Diameter: 50mm			_	
<u> </u>	■Receive Sensitivity: 101dB			_	
	©Impedance: 32Ω				
	©Frequency Response: 20-20kHz				
136	Heat Shrink Tube Tubing Sleeve Wrap Wire	set	6	360.00	2,160.00
_	Cable				
ļ	100Pcs/Set				
407	7 Color Polyolefin Material		00	74.00	4.000.00
137	Heavy Duty Microphone Wire	meters	60	71.00	4,260.00

	stereo 3 wires				
	coated silver wires				
	low noise reduction				
138	HP Ink Cartridge 678 Black	piece	20	450.00	9,000.00
139	HP Ink Cartridge 678 Tricolor	piece	10	450.00	4,500.00
140	HP Laser Jet Ink Cartridge CC364A Laser Jet	noo	4	7 500 00	7 500 00
140	P4014 printer	pcs	1	7,500.00	7,500.00
141	Ink cartridge Cannon Pixma 810 black	рс	6	800.00	4,800.00
142	Ink Cartridge Canon Pixma 811 Color	pcs	12	1,100.00	13,200.00
143	Ink continous, refill,Black BT6000BK	btls	5	400.00	2,000.00
	(Brother DCP T310)				,
144	Ink, Black C13T05A100 for Epson Copier ProWF-C878R	box	2	3,000.00	6,000.00
	Ink, Cyan C13T05A200 Epson Copier ProWF-				
145	C878R	box	2	3,000.00	6,000.00
4.40	Ink, Magenta C13T05A300 for Epson Copier	1	0	0.000.00	0.000.00
146	ProWF-C878R	box	2	3,000.00	6,000.00
147	Ink, T05C1, BLACK	pack	4	1,500.00	6,000.00
	(for Epson C878R WorkForce Pro A3 Colour				
	Multifunction Printer, Replaceable Ink Pack				
4.40	System RIPS Original Pigment Inks)			4.500.00	1 = 22 22
148	Ink, T05C2, Cyan	pack	3	1,500.00	4,500.00
	(for Epson C878R WorkForce Pro A3 Colour				
	Multifunction Printer, Replaceable Ink Pack System RIPS Original Pigment Inks)				
149	Ink, T05C3, Magenta	pack	3	1,500.00	4,500.00
173	(for Epson C878R WorkForce Pro A3 Colour	pack	3	1,000.00	4,000.00
	Multifunction Printer, Replaceable Ink Pack				
	System RIPS Original Pigment Inks)				
150	Ink, T05C4, Yellow	packs	3	1,500.00	4,500.00
	(for Epson C878R WorkForce Pro A3 Colour				
	Multifunction Printer, Replaceable Ink Pack				
	System RIPS Original Pigment Inks)				
151	Ink, Yellow C13T05A400 for Epson Copier	box	2	3,000.00	6,000.00
	ProWF-C878R		_		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
152	K-3 thermo Scanner with Dispenser and	unit	1	4,500.00	4,500.00
153	Heavy Duty Stand Labelling Printer	unit	2	8,500.00	17,000.00
133	Technology: Thermal Transfer	unit		0,300.00	17,000.00
	Tape Width Capacity: at least 6, 9, 12, 18, 24				
	mm				
	Tape is humidity resistant, scratch resistant,				
	temperature resistant, and waterproof				
	Connectivity: USB, Bluetooth				
	QR Code Generator: Capable				
	Barcodes: 14 types (Code 128, Code 39, Data				
	Matrix, EAN-128, EAN-13, EAN-8, GS1-128,				
	GS1-DataBar, ITF, MaxiCode, PDF417, QR				
	Cuttor: Automatia Full Cut Function				
	Cutter: Automatic Full Cut Function Power: AC or Battery				
	Compatibility: Windows Vista, 7, 8, 8.1, 10, Mac				
	OSX 10.6 or later				
	Inclusions: 5 different sizes of compatible tapes				
454	Laser Presentation Remote / Wireless	m!	4	700.00	700.00
154	Presenter, Black	piece	1	700.00	700.00
	■Wave Length: 640 ~660nm (red light)				
	Battery type: 2 AAA batteries				
		•	•		

	EDottony life // ager naintarly 20 have marrian			Г	1
	Battery life (Laser pointer): 20-hour maximum				
	Blattery 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				
155	LED Illuminated "EXIT" Sign, no arrows	unit	12	4,500.00	54,000.00
	Design Label: Red font in brushed white				•
	background				
	Illumination: Bright Red LED, High Brightness LED SMD				
	Label: Single face				
	Wattage: at least 4 watts				
	Burning Time: at least 90 minutes				
	Material: Aluminum Housing + Glass Panel			-	
	Input Voltage: AC 220V – 240V 50/60 Hz				
	Battery Type: ni-cd battery				
	Mounting accessories included				
	Dimension: at least 12" x 8" x 2"				
-	Compliance: UL 924, NEC and NFPA 101 Life				
	Safety Code or equivalent				
	LED Illuminated "Running Man" Sign with		 		
156	Left & Right Arrows and word "EXIT" below	unit	6	4,500.00	27,000.00
	Design Label: Red font in brushed white				
	background				
	Running Man with Left and Right arrows and				
	word "EXIT" below				
	Illumination: Bright Red LED, High Brightness				
	LED SMD		<u> </u>		
	Label: Double face				
	Wattage: at least 4 watts				
	Burning Time: at least 90 minutes				
	Material: Aluminum Housing + Glass Panel				
	Input Voltage: AC 220V – 240V 50/60 Hz				
	Battery Type: ni-cd battery				
	Mounting accessories included				
	Dimension: at least 12" x 5" x 2"				
	Compliance: UL 924, NEC and NFPA 101 Life				
	Safety Code or equivalent				
157	LED Illuminated "Running Man" Sign with	110;1	4	4 500 00	4 E00 00
157	Right Arrow and word "EXIT" on the left	unit	1	4,500.00	4,500.00
	Design Label: Red font in brushed white				
	background		<u> </u>		
	Arrows: Running Man sign with Right arrow and				
	EXIT word on the left				
	Illumination: Bright Red LED, High Brightness LED SMD				
	Label: Double face				
	Wattage: at least 4 watts				
	Burning Time: at least 90 minutes				
	Material: Aluminum Housing + Glass Panel			-	
	Input Voltage: AC 220V – 240V 50/60 Hz				
	111pac Vollago. 110 220 V - 270 V 00/00 112	l			

	Battery Type: ni-cd battery				
	Mounting accessories included				
	Dimension: at least 12" x 5" x 2"				
	Compliance: UL 924, NEC and NFPA 101 Life				
	Safety Code or equivalent				
158	Memory, DDR4 (16GB)	рс	2	4,000.00	8,000.00
	■2x8GB 2400Mhz DDR4				
	■Non-ECC CL15 DIMM				
	■Desktop Memory RAM with heat spreaders				
159	Power Supply, 300 watts, ATX w/ ATXcasing	pieces	2	1,200.00	2,400.00
160	Printer, computer, continuous ink system, 3-	unit	2	13,500.00	27,000.00
100	in-1 (Print, Scan, Xerox copy, wifi)	unit		13,500.00	27,000.00
	Print Method: On-demand ink jet (piezoelectric)				
	Minimum Ink Droplet Volume:3 pl				
	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)				
	USB: USB 2.0				
	Network: Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct				
	Network Protocol: TCP/IPv4, TCP/IPv6				
161	Printer, Tank Ink System, 3 in 1 (Print, Scan,	unit	8	11,000.00	88,000.00
	Copy)			,	,
	■Tank Ink System				
	Printer Type: Print, Scan and Copy Scanner Type: Flathed address image conner.				
	Scanner Type: Flatbed colour image scanner				
	Sensor Type: CIS				
	Optical Resolution: 600 x 1200 dpi				
	©Copy Speed: Maximum Copies from				
	Standalone: 20 copies Maximum Copy Size: A4, Letter				
	■ISO 29183, A4 Simplex Flatbed (Black /				
	Colour): Up to 7.0 ipm / 1.7 ipm				
	■Max Copy Resolution: 300 x 300 dpi				
	■Paper Handling: Up to 20 Sheets-Premium				
	Glossy Photo Paper 10 Sheets-Envelope, 30				
	Sheets-Postcard				
	■Output Capacity: Up to 30 sheets				
	■A4 plain paper: 20 sheets, Premium Glossy				
	Photo Paper				
	■Maximum Paper Size: 215.9 x 1200 mm (8.5 x				
	47.24")			<u> </u>	
	■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				
<u> </u>	Technology)				
400	Minimum Ink Droplet Size: 3 pl Dibbon Contribute FROOM COAFGOO		4.5	105.00	0.475.00
162	Ribbon Cartridge EPSON S015639	pieces	15	165.00	2,475.00
400	for EPSON LQ-310 printer	P.55	2	1 000 00	2 200 20
163	Solid State Drive, 120 GB	pcs	2	1,600.00	3,200.00
<u> </u>	120GB storage capacity Serial ATA Revision 3.0 interface				
	Serial ATA Revision 3.0 interiace				

	Sequential read speeds up to 520MB/sec.				
	Shock-resistant design				
	Wide-ranging compatibility				
404	Speaker, for PC, 2.1 (Speaker with			4.500.00	2 222 22
164	Subwoofer)	рс	6	1,500.00	9,000.00
	■Power Output : rms 4.5w×2 sw: 12w				
	■Signal to noise ratio : 80dba				
	■Frequency Response : 80hz~20khz (±6db)				
	■R/I: 300±50mv sw: 100 ± 20mv				
	■Aux/USB/SD card				
	Bass driver :4 inch				
	■Treble driver :2 3/4 inch				
165	Surge Supressor 6 outlets	unit	3	600.00	1,800.00
100	■Maximum capacity: 2500W	dine		000.00	1,000.00
	Voltage Surge Protector (protects appliances				
	from voltage spikes)				
	■6 Neon Switch				
	■1 Circuit Breaker (protects appliance from				
	overload or short circuit)				
	■3 Two-Prong Outlets				
	■3 Three-Prong Outlets w/ Grounding				
	■90 degree outlet orientation				
	■With line/noise filter				
	■Royal Cord #16/3 (5.00 meters)				
	Metal casing				
	Toner, NPG 67, Black for Canon C3320				
166	Image Runner Advance (photocopier,	pieces	3	6,000.00	18,000.00
100	printer/scanner) machine	picoco		0,000.00	10,000.00
	Toner, NPG 67, Cyan for Canon C3320 Image				
167	Runner Advance (photocopier,	pieces	3	6,000.00	18,000.00
	printer/scanner) machine	piooo		0,000.00	.0,000.00
	Toner, NPG 67, Magenta for Canon C3320				
168	Image Runner advance (photocopier,	pieces	3	6,000.00	18,000.00
	printer/scanner)machine				-,
	Toner, NPG 67, Yellow for Canon C3320				
169	Image Runner Advance (photocopier,	pcs	3	6,000.00	18,000.00
	printer/scanner) machine	_			
170	Universal HDMI to VGA Adapter Cable, at	unit	2	250.00	750.00
170	least 1.8 meters	unit	3	250.00	750.00
171	UPS Battery, Generic, 17Ah	pcs	6	1,500.00	9,000.00
	Voltage: 12V				
	Capacity: 17Ah				
	Battery Type: Sealed Lead Acid Maintenance				
	Free				
172	UPS Battery, Generic, 7.2Ah	pcs	6	700.00	4,200.00
	Voltage: 12V				
	Capacity: 7.2Ah				
	Battery Type: Sealed Lead Acid Maintenance				
<u></u>	Free				
173	UPS Battery, Generic,12Ah	pcs	6	1,300.00	7,800.00
	Voltage: 12V				
	Capacity: 12Ah				
	Battery Type: Sealed Lead Acid Maintenance				
<u></u>	Free				
174	Video Camera	unit	1	13,000.00	13,000.00
	TYPE: Handheld and lightweight				
	SENSOR TYPE: 1/5.8 type (3.1 mm) (0.12 in)				
	back-illuminated Sensor	<u> </u>	<u> </u>		
_					

	FFFFOTIVE DIVELS (VIDEO): approx 2 20				
	EFFECTIVE PIXELS (VIDEO): approx. 2.29				
	Megapixels (16:9)				
	LENS TYPE: ZEISS				
	OPTICAL ZOOM: at least 30x				
	CLEAR IMAGE ZOOM: at least 60x				
	SCREEN TYPE: at least 6.7 cm (2.7 type) Clear				
	Photo LCD display (230 400 dots) Wide (16:9)				
	STORAGE MEDIA: XAVC S HD: Micro SDXC				
	Memory Card (Class 10 or Higher), AVCHD,				
	Still: Memory Stick Micro™ (Mark 2), Micro				
	SD/SDHC/SDXC Memory Card (Class 4 or				
	Higher)				
	AUDIO: Built-in microphone				
	AUDIO RECORDING FORMAT: Dolby Digital				
	2ch Stereo, Dolby Digital Stereo Creator10,				
	MPEG-4 AAC-LC 2ch11, MPEG-4 Linear PCM				
	2ch (48 kHz/16 bit), etc.				
	RECORDING FORMAT (VIDEO): AVCHD				
	format ver. 2.0 compatible: MPEG4-AVC/H.264,				
	MP4: MPEG-4 AVC/H.264, XAVC S format				
	MPEG4-AVC/H264				
	INCLUSIONS: Storage media card, battery,				
	connection chords				
175	Video Card	unit	1	9,000.00	9,000.00
	CUDA Cores at least 768				
	Core Speed: at least 1290 MHz				
	Boost Speed: at least 1392 MHz				
	Memory Size: at least 4GB GDDR5				
	Memory Interface: at least 128-bit				
	Memory Frequency: at least 7 Gbps				
	TDP: at least 75 Watts				
	Multi-Screen Support: Yes				
	Resolution:7680X4320@60hz Digital				
470	Bus Type: PCI Express 3.0 16x		4	0.000.00	0.000.00
176	VOIP Phone	unit	1	6,000.00	6,000.00
	■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)				

		1	1		
	■Real-Time Transport Protocol (RTP) (RFC				
	1889, 1890)				
	■Real-Time Control Protocol (RTCP) (RFC				
	1889) RDifferentiated Services (DiffServ) (REC 2475)				
	© 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)		1		
	■SIPFrag (RFC 3420)		†		
	Secure (encrypted) calling via SRTP		†		
	Codec name assignment		†		
	Voice algorithms:		†		
	■G.711 (A-law and µ-law)		1		
	■G.726 (16/24/32/40 kbps)		†		
	■G.729 A		1		
	■G.722				
	■Dynamic payload support				
	Adjustable audio frames per packet				
	Dual-tone multifrequency (DTMF), in-band and				
	out-of-band (RFC 2833) (SIP INFO)				
	Section Stand (14) Section (14)				
	■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 (N.B. VSU existing Fleet is		1		
	CISCO)				
177	Web Camera for Laptop and Desktop	pcs	6	720.00	4,320.00
	■About 360 degrees, rotate up and down 45			Γ	
	degrees, you can adjust the angle.		1		
	■With clips for laptops and desktops.				
	■Sensor pixels: 2 million				
	■Interface: USB 2.0				
	■Frame rate: 30 FPS		1		
	■Image sensor: CMOS		1		
	Brightness/color: automatically adjusts		1		
	Additional features: built-in microphone				
178	Ink, Epson Premium Dye Ink, 1 liter, black	btls	1	1,700.00	1,700.00
179	Ink, EPSON T9481 XL for WF-C878R Printer,	tube	10	1,500.00	15,000.00

	Black				
180	Ink, EPSON T9481 XL for WF-C878R Printer,	tube	5	1,500.00	7,500.00
100	Cyan	lube	3	1,500.00	7,500.00
181	Ink, EPSON T9481 XL for WF-C878R Printer, Magenta	tube	5	1,500.00	7,500.00
182	Ink. EPSON T9481 XL for WF-C878R Printer, Yellow	tube	5	1,500.00	7,500.00
	VSU TOLOSA FOB VSU Tolosa campus				
183	CCTV Package with Mobile View	set	1	34,000.00	34,000.00
	What's in the Box:			-	
	1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder		000	0000	Full HD
	• 4 Units Bullet Type Camera (DS-2CE16DOT- IRPF)			160	1080p 2MP
	• 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)	- T		8X 2/7	
	8 pcs video & power cable (60Ft)	24		400	T
	1pc all-in-one power adaptor				
	Mouse				
	Instruction Manual				
	Camera Features:				
	2.0 Megapixel High Performance CMOS				
	Turbo HD Output				
	Up to 1080P Resolution				
	True Day / Night, DNR, Smart IR				
	Up to 20m Distance				
	IP66 Weatherproof (bullet camera)				
	with after sales service and warranty				
184	Office Phone	unit	1	18,500.00	18,500.00
	Display: 6.4 "Dynamic AMOLED Touchscreen				
	Resolution: 3040x 1440 pixels		11/16		
	Processor: Snapdragon 855		200	105	
	Storage: 128GB				
	• RAM memory: 8GB				
	• Camera: Triple, 12 MP (f / 1.5 and f / 2.4)				
	• Front Camera: 10 MP (f / 1.9)		6		
	Battery: 4001mAh (non-removable)		100		
	Operating System: Android 11				
	with after sales service and warranty				
				TOTAL:	3,575,945.14

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

- 2. The *Visayas State University* now invites bids for the above Procurement Project. Delivery of the Goods is required by *sixty* (60) calendar days upon receipt of Notice to Proceed (NTP). Bidders should have completed, within two (2) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

- 4. Prospective Bidders may obtain further information from *Visayas State University* and inspect the Bidding Documents at the address given below during *Mondays Fridays* (8:00 AM-5:00 PM).
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on 22 February 14 March 2022 until 1:30 PM from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of 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* will hold a Pre-Bid Conference on *March 1*, 2022; 2:00 *PM* at *the PPO Conference Room, Lower Campus, VSU, Visca, Baybay City, Leyte* and/or through video conferencing or webcasting *via Zoom*, which shall be open to prospective bidders.
 - Bidders are advised to contact the BAC Secretariat before the scheduled Pre-Bid Conference for the Zoom Meeting ID and Passcode.
- 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 14 March 2022 until 1:30 PM. Late bids shall not be accepted.
- 8. For bidders who opt to submit their bids electronically, a hardcopy (original, copy 1, and copy 2) of the bid must be sent to the BAC through preferred couriers. A proof (e.g. courier receipt/waybill, etc.) that a hardcopy of the bid is on transit must be presented upon submission of the electronic bid.
- 9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 10. Bid opening shall be on 14 March 2022; 2:00 PM at the PPO Conference Room, Lower Campus, VSU, Visca, Baybay City, Leyte and/or via Zoom. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
 - Bidders are advised to contact the BAC Secretariat before the scheduled Bid Opening for the Zoom Meeting ID and Passcode.
- 11. The *Visayas State University* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

12. For further information, please refer to:

Ms. Jessamine C. Ecleo (BAC Secretariat)

Office of the Head for Procurement, VSU-Main, Visca, Baybay City, Leyte

Mobile: 053 565 0600 local 1093 or 0998 555 0106

Email: jessamine.ecleo@vsu.edu.ph

or

Mr. Toni Marc L. Dargantes (BAC Secretariat)

Office of the VP for Planning, Resource Generation & Auxiliary Services VSU-Main, Visca, Baybay City, Leyte

Mobile: 0977 7186594

Email: tmdargantes@vsu.edu.ph

13. You may visit the following websites:

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

February 21, 2022

<u>DILBERTO O. FERRAREN</u> 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. Equipment and Supplies*, with identification number *GOODS-22-13*.

The Procurement Project (referred to herein as "Project") is composed of 184 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 2022 in the amount of *Three Million Five Hundred Seventy-Five Thousand Nine Hundred Forty-Five and* 14/100 Pesos (PhP 3,575,945.14).
- 2.2. The source of funding is: NGA, the General Appropriations Act, Special Trust Fund, and Trust Fund.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

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

- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

Bidder should comply with the following requirements:

- i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent* (50%) of the ABC for this Project; and
- ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

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

8. Pre-Bid Conference

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

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII** (Checklist of Technical and Financial **Documents**).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **two** (2 years) prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII** (Checklist of Technical and Financial **Documents**).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, 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 *June 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. Equipment, I.T. Supplies, or a combination of the foregoing
	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 <i>DDP VSU Main, Visca, Baybay City, Leyte and DDP VSU Tolosa, Tanghas, Tolosa, Leyte (for items 183-184)</i> 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 Seventy-One Thousand Five Hundred Eighteen and 90/100 Pesos (PhP 71,518.90) 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 <i>One Hundred Seventy-Eight Thousand Seven Hundred Ninety-Seven and 26/100 Pesos (PhP 178,797.26) or five percent (5%) of ABC</i> if bid security is in Surety Bond.
15	Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.
	For filing purposes, the bidders are urged to use Orange envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.
19.3	See Section I. Invitation to Bid (Item 1) for the list of items and their corresponding total Approved Budget for the Contract (ABC).
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
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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
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Special Conditions of Contract

aaa	Special Conditions of Contract
GCC Clause	
1	Delivery and Documents –
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	The delivery term applicable to this Contract is delivered VSU Main Campus, Visca, Baybay City, Leyte (for items 1-182) and VSU Tolosa Campus, Tanghas, Tolosa, Leyte (for items 183-184). 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 Email address: alicia.flores@vsu.edu.ph
	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 are included in the contract price.

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

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

Packaging -

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

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

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

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions

Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the

secondary packaging.

Transportation -

Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.

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.

Payment of staggered deliveries shall be allowed. Payment shall be on "as per cost of the items delivered" subject to inspection and acceptance.

2.2

4	The inspections and tests that will be conducted will be specified by the
	appropriate technical team of VSU Main and VSU Tolosa 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	
			■1G SFP LC LX 10KM SMF XCVR, must be	All Items Should Be Delivered
			compatible with ARUBA and HPE Switches	Within 60 Calendar Days
2	piece	3	1TB, Hard disk Drive, 7200rpm, for desktop	From Receipt Of Notice To
			⊚ 11TB	Proceed And Purchase Order
			■SATA 6Gb/s interface optimizes burst	
			performance;	
			■64MB Cache	
			■Average Data Rate, Read/Write : 156	
			■Max Sustained Data Rate, OD Read (MB/s):	
			210	
			■Cache, Multisegmented (MB): 64	
3	pieces	4	ATX Power Supply (500W)	
			■Single 6pin	
			■24pin connector	
			■Dual 4pin for board	
			■4 sata supply	
			■4 molex supply	
4	unit	1	AVR, 500W (IC Controlled)	
			■Single 6pin	
			■24pin connector	
			■Dual 4pin for board	
			■4 sata supply	
			■4 molex supply	
5	рс	1	Battery Charger for 9 Volts Battery	
			For 9 volts rechargeable batteries *Charges 2x	
			rechargeable batteries (9 volts) at the same	
			time	
			*With 110v & 220v setting	
			Compatible with Nickel-Cadmium & Nickel-	
	!	50	Metal Hydride rechargeable batteries	-
6	pieces	50	CD-R, 700MB, with case	-
7	pieces	6	Computer HD Webcam	-
			■1080P Full HD Webcam	-
			©Lens: HD lens	-
			Sensor Type: CMOS	-
			Strome Pote: at least 205BS	-
			SPrive Type: free drive Plus and play	-
			■Drive Type: free drive. Plug and play ■Photo Format: BMP JPG	-
			■Prioto Format. BMP JPG ■Resolution: 1920 * 1080 P	-
				-
			■Output Format: M-JPEG ■Interface Type: USB2.0	-
			■Microphone: Built-in microphone	-
				-
8	nco	2	■Focusing Range: 20mm Computer Keyboard USB	-
0	pcs			-
			■Standard Keyboard with 104 Keys ■USB Connection	-
				-
			■Low Profile Key Caps	

	ı		
			Minimum Key Noise The Control of t
			■Laser Printing for Key Layout
			■Spill Resistant Design
9	set	2	Computer Monitor 24", IPS
			■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			■Color Saturation : 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: 16.7M
			©Flicker free
10	204		
10	set	2	Computer Monitor 24", IPS
			■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			■Color Saturation : 72%(NTSC) ■ Color Saturation : 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: 16.7M
			©Flicker free
11	unit	1	Computer Printer 3-in-1
• •	unit		with CIS Filled with Inks
			©Compact integrated tank design
			■High yield ink bottles
			Spill-free, error-free refilling
			■Wi-Fi, Wi-Fi Direct
			■Borderless printing up to 4R
12	unit	10	Computer Printer, All-in-One/Multifunction
	4		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
40	<u> </u>		■Printing Resolution: 5,760 x 1,440 DPI
13	pieces	1	Cover for keyboard
14	рс	2	CPU (Central Processing Unit)
			■AMD A10-8770 Processor
			■Asus Prime Motherboard
			■Kingston 4GB DDR4-2555 Memory
			■CPU Casing w/ PSU
			■256GB SSD
			Desktop Casing mATX and 700W True Rated
15	unit	2	Power Supply 80 plus
			. J J. Juppiy Juppius
			Casing

		1	The second
			Ventilation
			Top Control Panel with 3 * USB + HD Audio for
			User-friendly
			Super Speed USB 3.0 is Ready
			Motherboard Compatibility: Micro ATX, Mini-ITX
			Power supply
			80 Plus Bronze
			AC Input: 100v-240VACM 10A-5A 50-60Hz
			Rated Power: True Rated 700W
16	set	2	Desktop Computer (i3)
			■Processor: Intel Core i3-9100 Processor (9M
			Cache, up to 4.10 GHz) or higher
			■Motherboard: Intel H310 Ultra Durable
			motherboard, Gaming LAN, Anti-Sulfur
			Resistor, LGA-1151
			■8GB DDR4 2400 DIMM Desktop Memory
			■SSD: 240GB
			■Keyboard and Mouse Combo
			⊚ Casing with Power Supply
			■Monitor: 18.5 inch, HD Ready (1366 X 768),
			TN Panel Connectivity Port: 1 VGA Port, 1
			HDMI Port / Aspect Ratio: 16:9, Brightness
			(Typical): 200 cd/m2 / Refresh Rate: 60 Hz,
			■Operating System: Genuine Windows 10
			Home (OEM)
			■AVR: 500W IC controlled
17	unit	1	Desktop Computer (i5)
			■Processor:
			■Intel Core i5 9400 or higher
			■Motherboard:
			■Intel H310 Chipset
			■Anti-Sulfur Resistors Design
			■Gaming LAN with Bandwidth Management
			Memory:
			◀16GB (2x8) DDR4 or higher
			■SSD: 500GB M.2,
			■Optical Drive: DVD-RW
			■Casing: W/ 700W PSU,
			■Monitor: 23" IPS FHD,
			■Operating System:
			■Genuine Windows 10 Home (OEM)
			Seyboard and mouse combo
			■500W IC controlled AVR
			Stereo speakers
18	unit	11	Desktop Computer (i7)
.0	ariit	''	©Processor: Intel® Core™ i7 8th Generation or
			higher
			©Chipset: Intel®H310
			■Graphics: Intel® HD Graphics Discrete
			graphics interest HD Graphics Discrete
			⊚Memory: at least 4 GB Dual Channel, DDR4 at
			2666MHz expandable to 32 GB ■Expansion Slots: 1 x M.2, 2 x PCI-e x 1, 1 x
			PCI-e x 16
		1	■SATA: 4 x SATA 6Gb/s *1
			Storage: at least 250 GB M.2 SSD
			■Operating System: Genuine Windows 10
		1	Home

	•		
			■Power Supply: at least 500 W Peak with ATX
			case
			■Monitor: 24" LED IPS Full HD
			■Keyboard and Mouse
19	unit	1	Desktop Computer (w/o Monitor)
			■Processor: Intel Core i3-9100 Processor (9M
			Cache, up to 4.10 GHz)
			■Motherboard Intel H310 Ultra Durable
			motherboard, Gaming LAN, Anti-Sulfur
			Resistor, LGA-1151
			Memory: 8GB DDR4 2400 DIMM Desktop
			Memory
			■SSD: 240GB
			■Casing with Power Supply
			■Operating System: Genuine Windows 10
			Home (OEM)
			w/ USB Keyboard and Mouse
20	unit	3	Desktop Computer, All-in-one (AIO)
			■Processor: 11th Generation Intel® i5-1135G7
			processor (8MB Cache, up to 4.2 GHz)
			©Display: 23.8-inch FHD (1920 x 1080) Anti-
			Glare Narrow Border Infinity Non-Touch Display GPU: Intel Iris Xe Graphics with shared
			•
			graphics memory ■Memory: 8GB, 2666MHz, DDR4 (1x8GB,
			note: extra slot for upgrade)
			■Storage: 256GB M.2 PCIe NVMe Solid State
			Drive (Boot) + 1TB 7200 rpm 2.5" SATA Hard
			Drive (Storage)
			■Ports: 1 Rear USB 2.0 Type A, 3 USB 3.1 Gen
			1 Type A, 1 USB 3.1 Gen 2 Type-C, 1 RJ-45, 1
			Microphone/Headset Jack, 1 DC power, 1
			HDMI-In, 1.HDMI-out (1.4)
			■Below: Speaker, Power, Input mode, Power
			on/Wake from USB KBMS from S3/Modern
			Standby ,S4, S5
			■Operating System: Windows 10 Home
			■Included with Wireless Keyboard and Mouse
21	unit	4	Desktop Computer, All-In-One (AIO), 21.5"
- '	Jiiit .		IPS
			©Processor: Intel Core i3-1005G1 (2C / 4T, 1.2
		1	/ 3.4GHz, 4MB) or higher
		1	■Graphics: Integrated Intel UHD Graphics
			©Chipset: Intel SoC Platform Memory: 1x 8GB
			SO-DIMM DDR4-3200
			Memory Slots: Two DDR4 SO-DIMM slots,
			dual-channel capable
			Storage: 513CB SSD M 2 2280 BCto 2 0
			Storage: 512GB SSD M.2 2280 PCIe 3.0
			NVMe
			■Display: 21.5" FHD (1920x1080) IPS 250nits ■Touchscreen: None
			Keyboard: Calliope Wireless KeyboardMouse: Calliope Wireless Mouse
			■Expansion Slots: Two M.2 slots (one for
			WLAN, one for SSD)
			■Ethernet: Integrated 100/1000M WLAN +
			Bluetooth: 11ax, 2x2 + BT5.0
			Bluetooth: 11ax, 2x2 + B13.0 ■Rear Ports: 1x power connector 1x HDMI 1.4
			ELINEAL FULLS. IX PUWEL CUILLECLUL IX FIDIVIL 1.4

	1	T	
			out 1x Ethernet (RJ-45) 2x USB 2.0 1x USB 3.1
			Gen 1
			■Left Ports: 1x headphone / microphone combo
00	-:	_	jack (3.5mm) 1x card reader 1x USB 3.1 Gen 1
22	pieces	3	Desktop Microphone
			■Compatible with: Desktop/Notebook/PC,
			Windows 7-10
			■Pickup: 6mm Condenser Mic
			Microphone Directivity: Omnidirectional
			■Sensitivity: -58db±3db
			Signal-to-noise Ratio: ≤50dB
			©Cable Length: 2.5m
			■Type: 3.5mm Plug
23	unit	1	Dual Monitor Bracket with C-clamp and
			Grommet Fit
			■Fit in 18-32 inch Monitor, Vesa compatible
			■Height Adjustable Arm
			Maximum Load capacity 13kg each arm(26kg
			both arms)
			SLandscape and portrait orientation
			■Tilt angle free adjustment
0.4	h4lc	40	Selection of the Post of
24	btls	18	Epson 003 Ink Bottle for Epson L3150, Black
25	btls	12	Epson 003 Ink Bottle for Epson L3150, CYAN
26	btls	12	Epson 003 Ink Bottle for Epson L3150, MAGENTA
27	btls	12	Epson 003 Ink Bottle for Epson L3150, YELLOW
28	btls	6	EPSON L220 Ink Cartridge Black
29	btls	6	EPSON L220 Ink Cartridge Cyan
30	btls	6	EPSON L220 Ink Cartridge Magenta
31	btls	6	EPSON L220 Ink Cartridge Yellow
32	btls	20	Epson L6160 Black 001
33	btls	15	Epson L6160 Cyan 001
34	btls	15	Epson L6160 Magenta 001
35	btls	15	Epson L6160 Yellow 001
36	unit	4	External Hard Disk Drive (Portable, 1TB), USB 3.1
			■Shock-absorbing
			■Interface: USB 3.1 (Max.5Gb/s)
			©Capacity: 1TB
			■Texture: Plastic/Rubber
			■Operating Voltage: DC 5V, 900mA
			System Requirements: Windows XP / Vista / 7
			/8/8.1/10, Mac OS X 10.6 or later, Linux
			Kernel 2.6 or later
37	unit	5	External Hard Disk Drive (Portable, 2TB), USB 3.1
			Shock-absorbing Rictorface: USB 3.1 (May 5Gb/c)
			■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
38	piece	3	External Hard Disk Drive, (Portable 500GB),
	İ		USB 3.0

			■Hard Drive Type:2.5" HDD
			■USB Interface: USB 3.0
			©Capacity:500GB
39	рс	10	Fiber Optic Patch Panels
33	рс	10	■Termination Area:
			■ Front Sliding Drawer Fiber Express ECX
			,
			Patch Panel Housing 1U
			◆holds 2 ECX adapter frames or cassettes
			◆FX Adapter Strip LC Duplex
40	piece	7	Flash Drive, at least 32GB USB 3.0
41	boxes	60	Genuine Hp laserjet toner 85A (CE285A) black
42	pcs	3	Headset (Wired), Generic Over the Ear with mic
			■Line is equipped with a rotary volume
			controller, one key Mic mute,
			■Frequency Range:20-20K(Hz)
			, , ,
			Sensitivity:-52(dB)
			■Impedance:32(Ohm)
			■Speaker Diameter:40(mm)
			■Distortion Rate:0.8%
			■Plug Diameter:3.5mm
43	unit	9	Headset with Noise Cancelling Mic
			■Input Impedance: at least 32 Ohms
			Sensitivity (headphone):at least 94 dBV/Pa +/-
			3 dB
			■Sensitivity (microphone): -17 dBV/Pa +/- 4 dB
			■Frequency response (Headset): 20 Hz - 20
			KHz
			■Frequency response (Microphone): 100 Hz -
			10 KHz
			■Cable Length: at least 7 ft
			©Connections: USB-A compatible (1.1, 2.0,
			3.0), USB port 1Type A port or adapter
4.4			
44	pcs	2	Ink Cartridge, HP680, black
45	pcs	2	Ink Cartridge, HP680, tri color
46	btls	10	Ink continous, refill,Black BT6000BK
	20		(Brother DCP T300)
47	btls	10	Ink continous, refill,Black BT6000BK
77	Diio	10	(Brother DCP T310)
48	btlo	10	Ink continuous, refill, black (Brother DCP
40	btls	10	T310)
40	l- 41 -	40	Ink continuous, refill, cyan (Brother DCp
49	btls	10	T310)
			Ink continuous, refill, magenta (Brother DCP
50	btls	10	T310)
51	btls	15	Ink, Brother BT5000C Cyan
52	btls	15	Ink, Brother BT5000M Magenta
53	btls	15	Ink, Brother BT5000Y Yellow
54	btls	5	Ink, Brother BTD60BK, Black
55	рс	23	Ink, Brother LC-539XL, Black
56	рс	12	Ink, Brother LC-539XL, Cyan
57	рс	12	Ink, Brother LC-539XL, Magenta
58	рс	12	Ink, Brother LC-539XL, Yellow
59	box	4	Ink, Cartriage, LC535XL - Cyan, DCP-J100
60	box	4	Ink, Cartriage, LC535XL - Magenta, DCP- J100
61	hov	1	
61	box	4	Ink, Cartriage, LC535XL-Yellow, DCP-J100

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bit 42 Ink, EPSON 003, Genuine Magenta 65mL bit 42 Ink, EPSON 003, Genuine Yallow 65mL pieces 15 Ink, Epson, genuine (C) T664, 70 ml Ink, Epson, genuine (M) T664, 70 ml Ink, Epson, genuine, (BK) T664, 70 ml Ink, Epson, gen	62			Ink, Epson 003,Genuine Black 65mL
5	63			
	64	btl	42	
	65	btl	42	Ink, EPSON 003, Genuine Yellow 65mL
B pieces 15 Ink, Epson, genuine, (EK) T664, 70 ml pieces 10 Ink, Epson, genuine, (Y) T664, 70 ml Nk Eyboard And Mouse Combo Bundle, USB powered Mkeyboard Majustable Keyboard Majustable K	66	pieces	15	Ink, Epson, genuine (C) T664, 70 ml
Pieces 10 Ink, Epson, genuine, (Y) T664, 70 ml Reyboard And Mouse Combo Bundle, USB powered	67	pieces	10	Ink, Epson, genuine (M) T664, 70 ml
Pieces 10 Ink, Epson, genuine, (Y) T664, 70 ml Reyboard And Mouse Combo Bundle, USB powered	68	pieces	15	Ink, Epson, genuine, (BK) T664, 70 ml
Set 3 Keyboard And Mouse Combo Bundle, USB powered	69			
Set 3 powered				
■Keycaps: A-Shape, Round Edge 4 Hotkeys: No 4 Character: Laser Engraving 4 Adjustable Keyboard Legs: Yes 4 Rating: 5 V / 30 mA 8 Mouse 4 Report Rate: 125 Hz 4 Sensor: Optical 4 Resolution: 1000 DPI 4 Rating: 5 V / 100 mA 8 Buttons No.: 3 4 Ergonomic Design: Symmetric 4 Size: Middle / Big Hands 1 unit 3 Laptop 14" (i5) 8 Processor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher 8 Operating system: Windows 10 Home 8 Memory: 4GB Onboard memory, 1 x SODIMM socket (for expansion) 8 Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC 8 Video Processor: NVIDIA GeForce MX330 , with 2GB GDDR5 VRAM 8 Storage: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD 8 Processor: CPU AMD Ryzen 5 4500U or higher 8 Graphics: AMD Radeon Graphics 8 Display: 14" 1920x1080 IPS FHD LED 250NITS 8 Memory: 16GB DDR4 3200MHZ(8+8) 8 Storage: 512g SSD M2 8 Keyboard and Touchpad: No backlit 8 Audio: HD audio Realtek 8 Camera: 720PHD CAM 8 Wireless Connectivity: Wi-Fi 6 BT5.0 8 Battery and Power: 45W BATTERY 8 Operating System: Genuine Windows 10 8 Display: 15.6-inch full HD IPS 1920x1080 screen 10 Display: 15.6-inch full HD IPS 1920x1080 screen 1	70	set	3	
■Keycaps: A-Shape, Round Edge ■Hotkeys: No ■Character: Laser Engraving ■Adjustable Keyboard Legs: Yes ■Report Rate: 125 Hz ■Sensor: Optical ■Resolution: 1000 DPI ■Rating: 5 V / 100 mA ■BMouse ■Resolution: 1000 DPI ■Rating: 5 V / 100 mA ■Buttons No.: 3 ■Ergonomic Design: Symmetric ■Size: Middle / Big Hands ■Ergonomic Design: Symmetric ■Size: Middle / Big Hands ■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 SODIMM 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: 512GB PCIe Gen3 x2 SSD ■Storage: 512GB PCIe Gen3 x2 SSD ■Processor: CPU AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS ■Memory: 16GB DDR4 3200MHZ(8+8) ■Storage: 512g SSD M2 ■Keyboard and Touchpad: No backlit ■Audio: HD audio Realtek ■Camera: 720PHD CAM ■Wireless Connectivity: Wi-Fi 6 BT5.0 ■Battery and Power: 45W BATTERY ■Operating System: Genuine Windows 10 ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th gen processor or higher ■Memory: 16GB DDR4 2400MHz ■Display: 15.6-inch full HD IPS 1920x1080 screen				
■Hotkeys: No ■Character: Laser Engraving ■Adjustable Keyboard Legs: Yes ■ARating: 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 ■Characteristic Middle / Big Hands ■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 SODIMM 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: 512GB PCIe Gen3 x2 SSD With 2GB GDDR5 VRAM ■Storage: 512GB PCIe Gen3 x2 SSD ■Display: 14" 1920x1080 IPS FHD LED 250NITS ■Display: 14" 1920x1080 IPS FHD LED 250NITS ■Memory: 16GB DDR4 3200MHZ(8+8) ■Storage: 512g SSD M2 ■Keyboard and Touchpad: No backlit ■Audio: HD audio Realtek ■Camera: 720PHD CAM ■Wireless Connectivity: Wi-Fi 6 BT5.0 ■Battery and Power: 45W BATTERY ■Operating System: Genuine Windows 10 ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th Gen , 15.6" FHD ■Processor: In				
■ 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 1 unit 3 Laptop 14" (15) ■ 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 SODIMM 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS ■ Memory: 16GB DDR4 3200MHZ(8+8) ■ Storage: 512g SSD M2 ■ Keyboard and Touchpad: No backlit ■ Audio: HD audio Realtek ■ Camera: 720PHD CAM ■ Wireless Connectivity: Wi-Fi 6 BT5.0 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 ■ Laptop, Intel Core i5 10th Gen , 15.6" FHD ■ Processor: Intel Core i5 10th Gen , 15.6" FHD ■ Processor: Intel Core i5 10th Gen processor or higher ■ Memory: 16GB DDR4 2400MHz ■ Display: 15.6-inch full HD IPS 1920x1080 screen				
■ Report Rate: 125 Hz ■ Sensor: Optical ■ Resolution: 1000 DPI ■ Rating: 5 V / 100 mA ■ Buttons No.: 3 ■ Ergonomic Design: Symmetric ■ Size: Middle / Big Hands 1 unit 3 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 SODIMM 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS ■ Memory: 16GB DDR4 3200MHZ(8+8) ■ Storage: 512g SSD M2 ■ Keyboard and Touchpad: No backlit ■ Audio: HD audio Realtek ■ Camera: 720PHD CAM ■ Wireless Connectivity: Wi-Fi 6 BT5.0 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 ■ Brocessor: Intel Core i5 10th Gen , 15.6" FHD ■ Processor: Intel Core i5 10th Gen , 15.6" FHD ■ Processor: Intel Core i5 10th Gen , 15.6" FHD ■ Processor: Intel Core i5 10th Gen processor or higher ■ Memory: 16GB DDR4 2400MHz ■ Display: 15.6-inch full HD IPS 1920x1080 Screen				
■ Sensor: Optical ■ Resolution: 1000 DPI ■ Rating: 5 V / 100 mA ■ Buttons No.: 3 ■ Ergonomic Design: Symmetric ■ Size: Middle / Big Hands I unit 3 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 SODIMM 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: 512GB PCIe Gen3 x2 SSD With 2GB GDDR5 VRAM ■ Storage: 512GB PCIe Gen3 x2 SSD I Laptop, AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS ■ Memory: 16GB DDR4 3200MHZ(8+8) ■ Storage: 512g SSD M2 ■ Keyboard and Touchpad: No backlit ■ Audio: HD audio Realtek ■ Camera: 720PHD CAM ■ Wireless Connectivity: Wi-Fi 6 BT5.0 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 ■ Memory: 16GB DDR4 2400MHz ■ Display: 15.6-inch full HD IPS 1920x1080 screen				
■ Resolution: 1000 DPI ■ Rating: 5 V / 100 mA ■ Buttons No.: 3 ■ Ergonomic Design: Symmetric ■ Size: Middle / Big Hands 1 unit 3 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 SODIMM 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS ■ Memory: 16GB DDR4 3200MHZ(8+8) ■ Storage: 512g SSD M2 ■ Keyboard and Touchpad: No backlit ■ Audio: HD audio Realtek ■ Camera: 720PHD CAM ■ Wireless Connectivity: Wi-Fi 6 BT5.0 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 ■ Laptop, Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD ■ Processor: Intel Core i5 10th Gen, 15.6" FHD				
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■ Buttons No.: 3 ■				
■ Ergonomic Design: Symmetric ■ Size: Middle / Big Hands I unit 3 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 SODIM 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: 512GB PCIe Gen3 x2 SSD Eaptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS ■ Memory: 16GB DDR4 3200MHZ(8+8) ■ Storage: 512g SSD M2 ■ Keyboard and Touchpad: No backlit ■ Audio: HD audio Realtek ■ Camera: 720PHD CAM ■ Wireless Connectivity: Wi-Fi 6 BT5.0 ■ Battery and Power: 45W BATTERY ■ Operating System: Genuine Windows 10 Eaptop, Intel Core i5 10th Gen , 15.6" FHD ■ Processor: Intel Core i5 10th gen processor or higher ■ Memory: 16GB DDR4 2400MHz ■ Display: 15.6-inch full HD IPS 1920x1080 screen				
■ Size: Middle / Big Hands 1				
1 unit 3 Laptop 14" (i5) BProcessor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher BOperating system: Windows 10 Home BMemory: 4GB Onboard memory, 1 x SODIMM socket (for expansion) Bipsplay: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC BVideo Processor: NVIDIA GeForce MX330, with 2GB GDDR5 VRAM BStorage: 512GB PCle Gen3 x2 SSD unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD BProcessor: CPU AMD Ryzen 5 4500U or higher BGraphics: AMD Radeon Graphics BDisplay: 14" 1920x1080 IPS FHD LED 250NITS BMemory: 16GB DDR4 3200MHZ(8+8) BStorage: 512g SSD M2 BKeyboard and Touchpad: No backlit BAudio: HD audio Realtek BCamera: 720PHD CAM BWireless Connectivity: Wi-Fi 6 BT5.0 BBattery and Power: 45W BATTERY BOPerating System: Genuine Windows 10 BATTERY BOPERATION OF THE Core is 10th Gen, 15.6" FHD BProcessor: Intel Core is 10th gen processor or higher BMemory: 16GB DDR4 2400MHz BDisplay: 15.6-inch full HD IPS 1920x1080 screen				· · ·
■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: 512GB PCle Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■Processor: CPU AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS ■Memory: 16GB DDR4 3200MHZ(8+8) ■Storage: 512g SSD M2 ■Keyboard and Touchpad: No backlit ■Audio: HD audio Realtek ■Camera: 720PHD CAM ■Wireless Connectivity: Wi-Fi 6 BT5.0 ■Battery and Power: 45W BATTERY ■Operating System: Genuine Windows 10 Laptop, Intel Core i5 10th Gen , 15.6" FHD ■Processor: Intel Core i5 10th gen processor or higher ■Memory: 16GB DDR4 2400MHz ■Display: 15.6-inch full HD IPS 1920x1080 screen	74		_	
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: 512GB PCle Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ©Processor: CPU AMD Ryzen 5 4500U or higher ©Graphics: AMD Radeon Graphics ©Display: 14" 1920x1080 IPS FHD LED 250NITS ©Memory: 16GB DDR4 3200MHZ(8+8) ©Storage: 512g SSD M2 ©Keyboard and Touchpad: No backlit ©Audio: HD audio Realtek ©Camera: 720PHD CAM ©Wireless Connectivity: Wi-Fi 6 BT5.0 ©Battery and Power: 45W BATTERY ©Operating System: Genuine Windows 10 Laptop, Intel Core i5 10th Gen, 15.6" FHD ©Processor: Intel Core i5 10th gen processor or higher ©Memory: 16GB DDR4 2400MHz ©Display: 15.6-inch full HD IPS 1920x1080 screen	71	unit	3	• • • •
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 @Audio: HD audio Realtek @Camera: 720PHD CAM @Wireless Connectivity: Wi-Fi 6 BT5.0 @Battery and Power: 45W BATTERY @Operating System: Genuine Windows 10 unit 1 Laptop, Intel Core i5 10th Gen , 15.6" FHD @Processor: Intel Core i5 10th gen processor or higher @Memory: 16GB DDR4 2400MHz @Display: 15.6-inch full HD IPS 1920x1080 screen 				
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higher Memory: 16GB DDR4 2400MHz Display: 15.6-inch full HD IPS 1920x1080 screen	73	unit	1	Laptop, Intel Core i5 10th Gen , 15.6" FHD
higher Memory: 16GB DDR4 2400MHz Display: 15.6-inch full HD IPS 1920x1080 screen				■Processor: Intel Core i5 10th gen processor or
■Display: 15.6-inch full HD IPS 1920x1080 screen				higher
■Display: 15.6-inch full HD IPS 1920x1080 screen				
screen				
■Graphics card: NVIDIA Geforce MX350 2GB				1
(GDDR5 video memory)			<u> </u>	(GDDR5 video memory)

			■SSD: 512GB NvME M2
			Network: wireless network card dual-band
			dual-antenna 802.11.ax (support 5G network);
			Bluetooth Bluetooth5.0
			■Operating System: Genuine Windows 10
74	unit	1	Laptop, Intel Core i5 11th Gen, 15.6" FHD
	-		■Processor: 11th Gen Intel ® Core ™ i5 or
			higher
			■Graphics: Intel® Iris® Xe Graphics
			Display: 15.6" 1920x1080 resolution FHD IPS
			■Memory: 16GB DDR4 3200MHz
			■Storage: 512GB M.2 SSD
			■Keyboard and Touchpad: Not Backlight
			■Audio: Realtek Audio
			©Camera: 720P HD
			■Wireless Connectivity: Wi-Fi 5 and Bluetooth
			4.0-4.2
			■Operating System: Genuine Windows 10
		_	Laser toner cartridge for hp 107A, Replace
75	pcs	6	w/ W1107a
76	unit	3	LCD Projector, XGA (1024x768)
. 0	Gint		■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
77	pcs	2	Memory Module DDR4, 16GB (8GB x 2)
''	poo		■Memory Type: DDR4
			■Memory Size: 16GB Kit (2 x 8GB)
			■Tested Latency: 18-22-22-42
			■Tested Voltage: 1.35V
			■Tested Voltage: 7:35V ■Tested Speed: 3600MHz
			■LED Lighting: RGB
			■Single Zone / Multi-Zone
			Lighting: Individually Addressable
			■SPD Latency : 18-18-18-43
			■SPD Speed : 2666MHz
			■SPD Voltage : 1.2V
			Speed Rating: PC4-28800 (3600MHz)
			■Speed Rating : PC4-28800 (3600MH2) ■Compatibility :Intel 300 Series,Intel 400
			Series, Intel 400 Series, Intel X299, AMD X570
			Blackson Marron Formatic DIAM
			Package Memory Format: DIMM
			■Package Memory Pin: 288
78	pcs	1	Microsoft Office Home & Student 2019, 1
-	,		Perpetual License, Medialess
			■One-time purchase for 1 PC or Mac
			■Classic 2019 versions of Word, Excel, and

	T	1	
			PowerPoint
			Microsoft support included for 60 days at no
			extra cost
			■Licensed for home use
79	unit	1	Mirrorless Camera, 24MP APS-C
			■24.1MP APS-C CMOS Sensor
			■Digital Imaging Integrated Circuit (DIGIC) 8
			Image Processor
			■UHD 4K and HD 720p120 Video Recording
			Dual Pixel CMOS AF with Eye Detect AF
			■2.36m-Dot OLED Electronic Viewfinder
			■3.0" 1.04m-Dot Vari-Angle Touchscreen
			■Wi-Fi and Bluetooth; Webcam Capability
			■Extended ISO 51200, 10 fps Shooting
			©Combination 5-Axis Image Stabilization
			■Includes EF-M 15-45mm f/3.5-6.3 IS STM
			Lens
80	piece	1	Monitor Stand, Dual Articulating, C-Clamp
	1.235	-	and Grommet Option
			Material: Steel
			■Supported Flat-Panel Screen Sizes: 13" to 32"
			■Cable clips keep cables organized and
			protected
			■Max Load: 8 kg / 17.6lbs
			■Clamp: 10-88mm (table thickness)
			■Grommet: 10-75mm (table thickness)
			■VESA: 75x75,100x100
			■Tilt Range:+45°~-45°
			■Swivel Range:+90°~-90°
			■Screen Rotation:+180°~-180°
			■Installation: Grommet, Clamp
			Motherboard, Intel B460 Chipset for Intel
81	unit	2	LGA 1200 Processors
			Supports 10th Gen Intel® Core™ Processors
			Dual Channel Non-ECC Unbuffered DDR4, 4
			DIMMs
			■High Quality Audio Capacitors and Audio
			Noise Guard with LED Trace Path Lighting
			■Ultra-Fast M.2 with PCIe Gen3 X4 & SATA
			Interface
			■Smart Fan 5 features Multiple Temperature
			Sensors and Hybrid Fan Headers with FAN
		<u></u>	STOP
			■Anti-Sulfur Resistors Design
			■ Ultra Durable™ 15KV Surge LAN Protection
			I Intel® Optane™ Memory Ready
82	рс	2	Mouse, Wired Optical, PS/2
	1 -		■Ergonomic Design: Symmetric
			Sensor: Optical
			■ Type: Wired (PS2)
			System Requirements: Windows XP / Vista /
			7/8/8.1/10
			■2 buttons + scrolling wheel optical mouse
			■Works on most surfaces
			■Microsoft system compatible
			■Resolution: 1000 DPI
	<u> </u>		
83	pieces	5	Mouse, Wired, Optical, USB

			Econoari Ontinal
			■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
84	рс	2	Netbook Laptop
			■11.6 Inches Screen LED TFT
			■LCD Display with 1366 x 768 Pixels
			Resolution, Dual Core-1007U 1.5 Ghz
			Processer,
			■2 GB DDR3 included and Expandable 8 GB
			RAM, 500 GB HDD SATA Hard drive, Intel HD
			■128 MB Graphics Card, 3 x USB 2.0, Li-ion 4
			Hours Battry Life. Photocopier with printer & scanner with
85	unit	1	ADF, 40PPM (monochrome)
			✓ Photocopier, Printer and Scanner
			✓ Upto A3 size paper
			✓ Heavy Duty
			✓ 24 pages per Minute
			✓ Built-in FEEDER / ADF
			✓ Built-in DUPLEX / Auto Back-to-back
			✓ Memory: 1.5 GB
			✓ Network Ready
			✓ USB Memory Direct Print and Scan
			✓ DrumLife / Maintenance Kit @ 200,000
			pages
			FREE:
			✓ 2 years Service Warranty
			✓ 1 Year Parts Warranty
			✓ Starter Toner @ 3,000 pages (Black)
			✓ Operations DEMO
96	niococ	1	Power Supply, 300 watts, ATX w/ ATX
86	pieces	1	casing
87	unit	2	Processor, Intel Core i7 at least10th Generation
			■Total Cores: 8
			■Total Threads: 16
			■Processor Base Frequency: 3.80 GHz
			■Max Turbo Frequency: 5.10 GHz
			■Cache 16 MB Intel® Smart Cache
			■Bus Speed 8 GT/s
			■Intel® Turbo Boost Max Technology 3.0
			Frequency ‡ 5.10 GHz
			■Intel® Turbo Boost Technology 2.0
			Frequency‡ 5.00 GHz
			TOP 125 W
			■Configurable TDP-down Frequency 3.50 GHz
			©Configurable TDP-down 95 W
88	unit	1	Rechargeable Wireless Keyboard and Mouse Set
-			■Rechargeable Office Wireless Keyboard and
			Mouse Set

			■Size: 284*121*16.mm
		-	Weight: 280g Connection method: USP receiver/Plusteeth
			©Connection method: USB receiver/Bluetooth
00			Riso Machine, Copy Printer, fully-automatic
89	set	1	one-drum stencil system, 300x300 dpi, 60-90
			sheets per m
			Copy Printer, fully-automatic one-drum stencil
			system, 300x300 dpi, 60-90 sheets per minute,
			220-240 V, 50-60 Hz, includes ink black, master
			and cabinet
90	pcs	2	RS PRO 9V Battery Holder
			■The RS PRO battery holder is suitable for 9V
			SNAP battery and has 6 prong SNAP terminal.
			■To contain cells when inserted into battery
			compartments
91	pcs	3	SD Card, 128 GB
			■Memory SD Card- 128 GB UHS-I SDXC
			■Card Type: SDXC
			■Storage Capacity: 128GB
		ļ	■Bus type: UHS-1
			■Data Transfer Read Speed: 170 MB/s
			Maximum (Burst)
			■Write speed: 90 MB/s maximum (Burst)
			■Write speed: 30 MB/s Minimum
			■Built-in Write Protect Switch
			■Durability: Shockproof, Temperature
			Extremes, waterproof, X-ray Proof
			■Opening Temperature: -25 to 85C
92	pcs	2	SD Card, 64GB
			■64GB SD Card
			■SDHC UHS-1 Class 10 80MB/s
			SD/Micro SD Card Reader Writer USB 2.0
93	set	2	Memory Card Reader OTG Adapter Viewer
			Micro SD/TF Compact Fla
94	рс	1	Security Stick (USB)
			■At least 16GB
			■lock for data
			■encryption and password protection
			■locks down and reformats after 10 failed login
			attempts
			■USB 3.0 interface
95	unit	5	SIP VOIP Phone
			■1-Line PoE+ SIP VOIP Phone SPA MAC
			address (IEEE 802.3)
			■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

			■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)
			■ <i>G.729 A</i>
			© 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
			SAttenuation/gain adjustments Notice mail Maiting Indicator via
			■VMWI - Voicemail Waiting Indicator, via
			NOTIFY, SUBSCRIBE ©Caller ID support (name and number)
			■Caller ID support (name and number) ■Third-party call control (RFC 3725)
			■ Trilid-party call control (RFC 3725) ■ Compatible with existing VOIP Phones of VSU
96	pcs	2	Solid State Drive, 250GB NvME PCiE
50	pus		©Capacity: 250GB
			■Interface: PCIe
			■Sequential Read Performance: 2400MB/s
			■Sequential Write Performance: 950MB/s
	I	l	1 4

			T
			©can last up to 1.75M hours MTTF2 (mean time
			to failure), with up to 600 TBW3 (terabytes
			written)
97	рс	3	Speaker, for PC, 2.1 (Speaker with
	F -		Subwoofer)
			■Power Output : rms 4.5w×2 sw: 12w
			■Signal to noise ratio : 80dba
			■Frequency Response : 80hz~20khz (±6db)
			■ R/I: 300±50mv sw: 100 ± 20mv
			■Aux/USB/SD card
			Bass driver :4 inch
			■Treble driver :2 3/4 inch
98	pieces	5	Tablet Computer, 8", 32GB ROM
			■Display Size 8.0"
			■OS Android 9.0 (Pie)
			■Battery: 5100mAh
			■RAM: 2GB
			■ROM: 32GB
			■External Memory Support: MicroSD Up to
			512GB
			■Card slot microSDXC (dedicated slot)
			■Chipset Qualcomm SDM429 Snapdragon 429
			(12 nm)
			■CPU Quad-core 2.0 GHz Cortex-A53
			■GPU Adreno 504
			■SIM Nano-SIM
			■Rear Camera Flash: No
			■Video Recording Resolution: FHD(1920 x
			1080) @30fps
			■OS: Android 9.0 (Pie)
99	unit	2	UPS
			■Output Power Capacity: 550 Watts/1100 VA
			■Max Configurable Power: 550 Watts/1100 VA
			2 years' warranty
			■Nominal Output Voltage: 230V
			■Output Connections:(2) IEC 320 C13 (Battery
ļ			Backup) (4) Universal Receptacle (Battery
			Backup)
			■Nominal Input Voltage: 230V
			■At most 4 hours charging time
100	unit	1	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
101	piece	1	UPS, at least 500 w
	p.500	•	Recharging Time: at most 4 Hours;
	ı	1	UPS, at least 800 watts
102	unit		_ C. C, at load ood matte
102	unit		
102	unit	'	Recharging Time: at most 4 Hours;
		-	Recharging Time: at most 4 Hours; Vertical Type Fiber Splice Box, IP68
102	unit unit	1	Recharging Time: at most 4 Hours; Vertical Type Fiber Splice Box, IP68 Waterproof Optic Splice Enclosure with
		-	Recharging Time: at most 4 Hours; Vertical Type Fiber Splice Box, IP68

			■Protection Grade: IP68
	-		■ Protection Grade: IP68 ■ Layer Number of Connecting Disc: 1~4 layer
			©Capacity: 24 Core
	1		SAccessories Included: 41 x Fiber Ontic Splice Englacure
	1		■1 x Fiber Optic Splice Enclosure
	-		■1 x U Shape Connector
			■1 x Mounting Rail
		_	◀2 x Accessory Package
104	unit	6	Web Camera for PC
			■Image sensor: 1 / 2.9
			© Lens: 3.6mm/75.7 °
			■ Effective pixel: 1932 (H) * 1088 (V)
			■Horizontal resolution: 2MP
			■ SNR: > 50dB
			■ Video stream: H.264:1920 * 1080 / 1920 * 720
			/640 * 360 MJPEG: 1920 * 1080 / 1920 * 720 /
			640 * 360
			■Video Frame rate: 25FPS / 30FPS
			■Electronic shutter: Auto
			■Protocol: UVC / UVA
			■Video output: USB video stream
			■Working voltage: DC5V / 160mA ± 6mA
			■ Working environment: -20 °C to 60 °C
10E	200	2	Web Camera up to 4K with Omnidirectional
105	pcs	2	Microphone
			■Multiple resolutions:
			◀4K/30fps (up to 4096 x 2160 pixels)
			■1080p/30 or 60 fps (up to 1920 x 1080 pixels)
			√720p/30, 60, or 90 fps (up to 1280 x 720
			pixels)
			■Camera mega pixel: 13
			■Focus type: Autofocus
			■Lens type: Glass
			Built-in mic: Stereo
			■Mic range: Up to 1 m
			©Diagonal field of view (dFoV): 90°/78°/65°
			■Digital zoom: 5x
	<u> </u>		■USB connectivity: USB-A plug-and-play,
			supports USB-C with third party adapter (not
			included)
			Detachable universal mounting clip fits
			laptops, LCD or monitors
			■With HDR for clear image in various lighting
			environments ranging from low light to direct
			sunlight.
	<u> </u>		■Image controls with optional Camera Settings
			application for control of pan, tilt, and zoom
			■Infrared sensor technology for Windows (SDK
			available for application integration)
			available for application integration; actachable privacy shutter
	<u> </u>		
			Rebidding (from GOODS-21-55)
106	рс	2	Canon PIXMA iP2770 lnk, Cartridge Black,
	<u> </u>		Genuine
107	рс	3	Canon PIXMA iP2770 lnk, Cartridge Colored,
	·	3	Genuine CCTV ID Comore
400		1 12	CCTV IP Camera
108	piece	3	
80	piece	3	©2MP WDR, with Built-in Mic ©12v, DC

			=20 ··· /D ··· · · ·
			■30m IR range,
			■1920x1080 Max. Resolution
			■Dome Type
			■2.8/4mm fixed lens
109	unit	2	DSLR Camera (24.2 MP, APS-C with 18-
	dille	_	55mm lens), Brand new
			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
110	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
111	pieces	20	DVD+RW 8x 4.7Gb w/ indiv case
112	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.
113	meters	46	Heavy Duty Microphone Wire
			stereo 3 wires
			coated silver wires
			low noise reduction
114	pcs	10	Ink Cartridge, HP680, black, Genuine
115	pcs	10	Ink Cartridge, HP680, tri color, Genuine
116	piece	2	Power supply, at least 550 watts
			true rated
			■at least 550 watts power rating
			■High efficiency with 80 PLUS certification
			■24/7 continuous power output with 40 deg. C.
			operating temperature
			■Class-leading single +12V rail ■Class-leading single +12V rail
			Active PFC Circuitry
			■PCI-E 8pin and PCI-E 6pin connector support
			■Silent running 120mm fan with 18dBA
117	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)
	<u> </u>		i connology/

			T
			■Minimum Ink Droplet Size: 3 pl
			■Compact integrated tank design
			■High yield ink bottles
			■Spill-free, error-free refilling
			■Borderless printing up to 4R
118	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
119	pieces	10	RJ-45 Modular Connector (AMP)
120	рс	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
			Rebidding (from GOODS-22-05)
121	рс	1	Anti-virus Software, at least 3 users
	F -	-	Anti-malware,
			anti-ransomware
			anti-hacking
			perpetual license
400			Antivirus Software 3 Device, 1+1 Year
122	pcs	2	Licence include VPN (enrolled auto-renewal)
			■Antivirus Software keeps your
			PC/Laptop/Mobile device safe from Trojans,
			viruses, spyware, rootkits, and more, with state-
	1		
			of-the-art anti-malware protection

			<u></u>
			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
123	pieces	2	ATX Power Supply (500W)
			■Single 6pin
			■24pin connector
			■Dual 4pin for board
			■4 sata supply
			■4 molex supply
124	pieces	4	Computer HD Webcam
			■1080P Full HD Webcam
			DLens: HD lens
			■Sensor Type: CMOS
			■Video Format: AVI
			■Frame Rate: at least 30FPS
			■Drive Type: free drive. Plug and play
			■Photo Format: BMP JPG
			■Resolution: 1920 * 1080 P
			■Output Format: M-JPEG
125	set	8	Computer Monitor 24", IPS
			■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			■Color Saturation : 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: 16.7M
			Flicker free
126	unit	2	Computer Printer 3-in-1
0	Jint		with CIS Filled with Inks
			■Compact integrated tank design
			■High yield ink bottles
			Spill-free, error-free refilling
			■Wi-Fi, Wi-Fi Direct
			■ Borderless printing up to 4R
			Computer Printer, All-in-One/Multifunction
127	unit	2	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-
			envinimituti Diopiet Size. 3 pi, vvitti variable-

	I		Oi
			Sized Droplet Technology
			■Ink Technology: Dye Ink
			■Printing Resolution: 5,760 x 1,440 DPI
128	pieces	1	Desktop Microphone
			■Compatible with: Desktop/Notebook/PC,
			Windows 7-10
			■Pickup: 6mm Condenser Mic
			■Microphone Directivity: Omnidirectional
			■Sensitivity: -58db±3db
			■ Signal-to-noise Ratio: ≤50dB
			■Cable Length: 2.5m
			■Type: 3.5mm Plug
			Dryer/Sterilizer
			Kills 99% of bacteria
			Upper cabinet: at least 65 degrees
			celsius heating temperature; suitable for
			plastic, wood, and glass materials
			Lower cabinet: at least 125 degrees celsius
			heating temperature; suitable for porcelain,
			glass, and stainless steel materials
			With ozone disinfection system
			Stops growth of molds
			2 level cabinet
			Capacity: at least 3.1 cu.ft
			Epson 188 Black, Cyan, Yellow & Magenta
129	sets	3	Ink Set of 4 Colors
			DURAbrite Ultra Ink
			Max Economy for prints
			Print up to A3+
			Mobile printing with Epson Connect
			For use on WF-7111 / WF-7611 / WF-7211 /
			WF-7711
			Average page yield for black ink cartridge:
			2,200 pages
			Average page yield for colour ink cartridge:
			1,100 pages
130	btls	16	Epson L6160 Black 001
131	unit	2	Flatbed Scanner
101	unit		Scanner Type:
			■ Flatbed colour image scanner
			Scanning Method:
			■Scarning Metriod: ■Fixed document and moving carriage
			Optical Resolution:
			•
			◄ 4,800 dpi x 4,800 dpi *1
			©Output Resolution:
			◄ 50 dpi to 4800 dpi, 7200 dpi, 9600 dpi (50 dpi
			to 4800 dpi in 1 dpi increments) *2
			Scanner Bit Depth (Colour):
			■48-bit input, 24-bit output
			Scanner Bit Depth (Grayscale): 110 hit import 2 hit control 110 hit import 2 hi
			■16-bit input, 8-bit output
			Scanner Bit Depth (Black & White):
			■16-bit input, 1-bit output
			Max Document Size:
			◄ Up to 216 x 297mm
132	рс	2	HDMI Extender
			120M HDMI Extender Cascade Connection
	Ì		4k Via Cat5e/6

			■Frequency Range:20-20K(Hz)
			©Line is equipped with a rotary volume
			controller, one key Mic mute,
			■Frequency Range:20-20K(H2) ■Sensitivity:-52(dB)
			■Sensitivity52(db) ■Impedance:32(Ohm)
			Speaker Diameter:40(mm)
			©Distortion Rate:0.8%
125	coto	6	■Plug Diameter:3.5mm Headset, Over Ear, wired
135	sets	6	■Wearing Type: Over-ear
			Microphone: Yes Microphone: Yes
			■Wolume Control: Yes ■ The state of the s
			■ One Key Mute Button: Yes
			Microphone: Omnidirectional
			■ Plug Type: 3.5mm
			■ Nag Type. 3.3mm ■Speaker Diameter: 50mm
			Speaker Dameter: 30mm Receive Sensitivity: 101dB
			©Impedance: 32Ω
			■ Frequency Response: 20-20kHz
			Heat Shrink Tube Tubing Sleeve Wrap Wire
136	set	6	Cable
			100Pcs/Set
			7 Color Polyolefin Material
137	meters	60	Heavy Duty Microphone Wire
101	11101010	- 00	stereo 3 wires
			coated silver wires
			low noise reduction
138	piece	20	HP Ink Cartridge 678 Black
139	piece	10	HP Ink Cartridge 678 Tricolor
			HP Laser Jet Ink Cartridge CC364A Laser Jet
140	pcs	1	P4014 printer
141	рс	6	Ink cartridge Cannon Pixma 810 black
	pcs	12	Ink Cartridge Cannol Pixma 811 Color
1217	pos	14	Ink continous, refill,Black BT6000BK
142	1		
142	btls	5	
143	btls		(Brother DCP T310)
	btls box	5 2	

			C878R
		_	Ink, Magenta C13T05A300 for Epson Copier
146	box	2	ProWF-C878R
147	pack	4	Ink, T05C1, BLACK
	•		(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
			System RIPS Original Pigment Inks)
148	pack	3	Ink, T05C2, Cyan
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
			System RIPS Original Pigment Inks)
149	pack	3	Ink, T05C3, Magenta
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
			System RIPS Original Pigment Inks)
150	packs	3	Ink, T05C4, Yellow
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
			System RIPS Original Pigment Inks)
451		_	Ink, Yellow C13T05A400 for Epson Copier
151	box	2	ProWF-C878R
450		4	K-3 thermo Scanner with Dispenser and
152	unit	1	Heavy Duty Stand
153	unit	2	Labelling Printer
			Technology: Thermal Transfer
			Tape Width Capacity: at least 6, 9, 12, 18, 24
			mm
			Tape is humidity resistant, scratch resistant,
			temperature resistant, and waterproof
			Connectivity: USB, Bluetooth
			QR Code Generator: Capable
			Barcodes: 14 types (Code 128, Code 39, Data
			Matrix, EAN-128, EAN-13, EAN-8, GS1-128,
			GS1-DataBar, ITF, MaxiCode, PDF417, QR
			Code, UPC-A, UPC-E)
			Cutter: Automatic Full Cut Function
			Power: AC or Battery
			Compatibility: Windows Vista, 7, 8, 8.1, 10, Mac
			OSX 10.6 or later
			Inclusions: 5 different sizes of compatible tapes
	,		Laser Presentation Remote / Wireless
154	piece	1	Presenter, Black
			■Wave Length: 640 ~660nm (red light)
			Battery type: 2 AAA batteries
			Battery life (Laser pointer): 20-hour maximum
			Battery life (Laser pointer): 20-nour maximum Battery life (Presenter): 1050-hour maximum
			Swireless 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
155	unit	12	LED Illuminated "EXIT" Sign, no arrows
			Design Label: Red font in brushed white

160	dine		in-1 (Print, Scan, Xerox copy, wifi) Print Method: On-demand ink jet (piezoelectric)
4 C O	unit	2	
	pieces	2	Printer, computer, continuous ink system, 3-
159	niecos	2	■Desktop Memory RAM with heat spreaders Power Supply, 300 watts, ATX w/ ATXcasing
			Non-ECC CL15 DIMM Poskton Memory PAM with heat spreaders
			©2x8GB 2400Mhz DDR4
158	рс	2	Memory, DDR4 (16GB)
150		2	Safety Code or equivalent
			Compliance: UL 924, NEC and NFPA 101 Life
			Dimension: at least 12" x 5" x 2"
			Mounting accessories included
			Battery Type: ni-cd battery
-			Input Voltage: AC 220V – 240V 50/60 Hz
			Material: Aluminum Housing + Glass Panel
			Burning Time: at least 90 minutes
			Wattage: at least 4 watts
			Label: Double face
	<u> </u>		LED SMD
-			Illumination: Bright Red LED, High Brightness
			EXIT word on the left
			Arrows: Running Man sign with Right arrow and
			background
			Design Label: Red font in brushed white
157	unit	1	Right Arrow and word "EXIT" on the left
			LED Illuminated "Running Man" Sign with
			Safety Code or equivalent
			Compliance: UL 924, NEC and NFPA 101 Life
			Dimension: at least 12" x 5" x 2"
			Mounting accessories included
			Battery Type: ni-cd battery
			Input Voltage: AC 220V – 240V 50/60 Hz
			Material: Aluminum Housing + Glass Panel
			Burning Time: at least 90 minutes
			Wattage: at least 4 watts
			Label: Double face
			LED SMD
			Illumination: Bright Red LED, High Brightness
			word "EXIT" below
			Running Man with Left and Right arrows and
			background
			Design Label: Red font in brushed white
156	unit	6	Left & Right Arrows and word "EXIT" below
			LED Illuminated "Running Man" Sign with
			Safety Code or equivalent
			Compliance: UL 924, NEC and NFPA 101 Life
			Dimension: at least 12" x 8" x 2"
			Mounting accessories included
			Battery Type: ni-cd battery
			Input Voltage: AC 220V – 240V 50/60 Hz
			Burning Time: at least 90 minutes Material: Aluminum Housing + Glass Panel
			Wattage: at least 4 watts
			Label: Single face
			LED SMD
			Illumination: Bright Red LED, High Brightness

			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)
			USB: USB 2.0
			Network: Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
			Network Protocol: TCP/IPv4, TCP/IPv6
404	!4	0	Printer, Tank Ink System, 3 in 1 (Print, Scan,
161	unit	8	Copy)
			■Tank Ink System
			■Printer Type: Print, Scan and Copy
			■Scanner Type: Flatbed colour image scanner
			Sensor Type: CIS
			■Optical Resolution: 600 x 1200 dpi
			■Copy Speed: Maximum Copies from
			Standalone: 20 copies
			Maximum Copy Size: A4, Letter MSO 20182 A4 Simpley Flethed (Plack)
			■ISO 29183, A4 Simplex Flatbed (Black /
			Colour): Up to 7.0 ipm / 1.7 ipm
			■Max Copy Resolution: 300 x 300 dpi
			■Paper Handling: Up to 20 Sheets-Premium
			Glossy Photo Paper 10 Sheets-Envelope, 30
			Sheets-Postcard
			■Output Capacity: Up to 30 sheets
			■A4 plain paper: 20 sheets, Premium Glossy
			Photo Paper
			■Maximum Paper Size: 215.9 x 1200 mm (8.5 x
			47.24")
			Nozzle Configuration: 180 x 1 nozzles Black,
			59 x 1 nozzles per colour (Cyan, Magenta,
			Yellow)
			■Print Direction: Bi-directional printing
			■Maximum Print Resolution: 5760 x 1440 dpi
			(with Variable-Sized Droplet Technology)5760 x
			1440 dpi (with Variable-Sized Droplet
			Technology)
			■Minimum Ink Droplet Size: 3 pl
162	pieces	15	Ribbon Cartridge EPSON S015639
			for EPSON LQ-310 printer
163	pcs	2	Solid State Drive, 120 GB
	1,00		120GB storage capacity
			Serial ATA Revision 3.0 interface
			Sequential read speeds up to 520MB/sec.
			Shock-resistant design
			Wide-ranging compatibility
164	рс	6	Speaker, for PC, 2.1 (Speaker with
	'		Subwoofer)
			■Power Output : rms 4.5w×2 sw: 12w
			■Signal to noise ratio : 80dba
			■Frequency Response : 80hz~20khz (±6db)
			© R/I: 300±50mv sw: 100 ± 20mv
			■Aux/USB/SD card
			■Bass driver :4 inch
			■Treble driver :2 3/4 inch
165	unit	3	Surge Supressor 6 outlets
165	arnt i		

	1		1 - 1/2 Harris O Destants of a set of a s
			Voltage Surge Protector (protects appliances From voltage enilose)
			from voltage spikes) • 6 Neon Switch
			■1 Circuit Breaker (protects appliance from overload or short circuit)
			■3 Two-Prong Outlets
			Š .
			■3 Three-Prong Outlets w/ Grounding
			■90 degree outlet orientation ■With line/noise filter
			■Royal Cord #16/3 (5.00 meters) ■Metal casing
			Toner, NPG 67, Black for Canon C3320
166	pieces	3	Image Runner Advance (photocopier,
100	pieces	3	printer/scanner) machine
			Toner, NPG 67, Cyan for Canon C3320 Image
167	pieces	3	Runner Advance (photocopier,
107	piccos	3	printer/scanner) machine
			Toner, NPG 67, Magenta for Canon C3320
168	pieces	3	Image Runner advance (photocopier,
100	picoco	O	printer/scanner)machine
			Toner, NPG 67, Yellow for Canon C3320
169	pcs	3	Image Runner Advance (photocopier,
	Poo	Ü	printer/scanner) machine
4=0			Universal HDMI to VGA Adapter Cable, at
170	unit	3	least 1.8 meters
171	pcs	6	UPS Battery, Generic, 17Ah
			Voltage: 12V
			Capacity: 17Ah
			Battery Type: Sealed Lead Acid Maintenance
			Free
172	pcs	6	UPS Battery, Generic, 7.2Ah
			Voltage: 12V
			Capacity: 7.2Ah
			Battery Type: Sealed Lead Acid Maintenance
			Free
173	pcs	6	UPS Battery, Generic,12Ah
			Voltage: 12V
			Capacity: 12Ah
			Battery Type: Sealed Lead Acid Maintenance
			Free
174	unit	1	Video Camera
			TYPE: Handheld and lightweight
			SENSOR TYPE: 1/5.8 type (3.1 mm) (0.12 in)
			back-illuminated Sensor
			EFFECTIVE PIXELS (VIDEO): approx. 2.29
			Megapixels (16:9)
			LENS TYPE: ZEISS
			OPTICAL ZOOM: at least 30x
			CLEAR IMAGE ZOOM: at least 60x
			SCREEN TYPE: at least 6.7 cm (2.7 type) Clear
			Photo LCD display (230 400 dots) Wide (16:9)
	i .		STORAGE MEDIA: XAVC S HD: Micro SDXC
			Memory Card (Class 10 or Higher). AVCHD.
			Memory Card (Class 10 or Higher), AVCHD, Still: Memory Stick Micro™ (Mark 2), Micro
			Still: Memory Stick Micro™ (Mark 2), Micro
			Still: Memory Stick Micro™ (Mark 2), Micro SD/SDHC/SDXC Memory Card (Class 4 or
			Still: Memory Stick Micro™ (Mark 2), Micro SD/SDHC/SDXC Memory Card (Class 4 or Higher)
			Still: Memory Stick Micro™ (Mark 2), Micro SD/SDHC/SDXC Memory Card (Class 4 or

			MPEG-4 AAC-LC 2ch11, MPEG-4 Linear PCM 2ch (48 kHz/16 bit), etc.	
			RECORDING FORMAT (VIDEO): AVCHD	
			format ver. 2.0 compatible: MPEG4-AVC/H.264,	
			MP4: MPEG-4 AVC/H.264, XAVC S format	
			MPEG4-AVC/H264	
			INCLUSIONS: Storage media card, battery,	
			connection chords	
175	unit	1	Video Card	
			CUDA Cores at least 768	
			Core Speed: at least 1290 MHz	
			Boost Speed: at least 1392 MHz	
			Memory Size: at least 4GB GDDR5	
			Memory Interface: at least 128-bit	
			Memory Frequency: at least 7 Gbps	
			TDP: at least 75 Watts	
			Multi-Screen Support: Yes	
			Resolution:7680X4320@60hz Digital	
			Bus Type: PCI Express 3.0 16x	
176	unit	1	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)	
		-	□ (RFC 792) □ TCP (RFC 793)	
		-	■ User Datagram Protocol (UDP) (RFC 768)	
		-	■USer Datagram Protocol (UDP) (RPC 766) ■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,	

		1	1
			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 (Ā-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)
			Selection band (1th Selection) (Sin Intro Selection band (1th Selection) (Sin Intro Selection) Selection band (1th Selection) (Sin Intro Selection) (Sin Intro Selection) Selection band (1th Selection) (Sin Intro Selection) (Sin Intro Selection) (Sin Intro Selection) Selection band (1th Selection) (Sin Intro Sel
			BIP address/URI dialing support
			■Call progress tone generation
			Solution Solution
			Strame loss concealment Strame loss con
		1	■Comfort Noise Generation (CNG)
			■ Voice activity detection (VAD) with silence
			, , ,
			suppression
			SVMW/ Voicement Working Indicator via SVMW/ Voicement Working Indicator via
			■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 (N.B. VSU existing Fleet is
177	n.o.o	6	CISCO)
177	pcs	6	Web Camera for Laptop and Desktop
			BAbout 360 degrees, rotate up and down 45
			degrees, you can adjust the angle.
		1	With clips for laptops and desktops.
		1	Sensor pixels: 2 million
			■Interface: USB 2.0
			©Frame rate: 30 FPS
			■Image sensor: CMOS
			Brightness/color: automatically adjusts
			Additional features: built-in microphone
178	btls	1	Ink, Epson Premium Dye Ink, 1 liter, black
179	tube	10	Ink, EPSON T9481 XL for WF-C878R Printer,
			Black
180	tube	5	Ink, EPSON T9481 XL for WF-C878R Printer,
-00			Cyan
181	tube	5	Ink, EPSON T9481 XL for WF-C878R Printer,
101	tube		Magenta
182	tube	5	Ink. EPSON T9481 XL for WF-C878R Printer,
102	เนมษ	J	Yellow
			VSU TOLOSA FOB VSU Tolosa campus
183	set	1	CCTV Package with Mobile View
			What's in the Box:
			• 1 Unit 8-Channel (DS-7208HGHI-K1) Digital
			Video Recorder
			viaco i tocciaci
			• 4 Units Bullet Type Camera (DS-2CE16DOT-

	1		
			• 4 Units Dome Type Camera (DS-2CE56DOT- IRPF)
	ARTON, MICHOL WINES	***	8 pcs video & power cable (60Ft)
A.A.A.	000	FULHD	1pc all-in-one power adaptor
00	MILAPA	1080p	Mouse
		2MP	Instruction Manual
	A (A		Camera Features:
	8X) 8/		2.0 Megapixel High Performance CMOS
B 340	70	T	Turbo HD Output
			Up to 1080P Resolution
			True Day / Night, DNR, Smart IR
			Up to 20m Distance
			IP66 Weatherproof (bullet camera)
			with after sales service and warranty
184	unit	1	Office Phone
			Display: 6.4 "Dynamic AMOLED Touchscreen
		-	Resolution: 3040x 1440 pixels
	W -1	5	Processor: Snapdragon 855
			Storage: 128GB
			RAM memory: 8GB
			• Camera: Triple, 12 MP (f / 1.5 and f / 2.4)
	0		• Front Camera: 10 MP (f / 1.9)
	The second		Battery: 4001mAh (non-removable)
			Operating System: Android 11
			with after sales service and warranty

Section VII. Technical Specifications

Technical Specifications

al G SFP LC LX 10KM SMF XCVR, must be compatible with ARUBA and HPE Switches 2 piece 3 1TB, Hard disk Drive, 7200rpm, for desktop al 11TB as ATA 6Gb/s interface optimizes burst performance; be 64MB Cache and ARUBA and HPE Switches compatible with ARUBA and HPE Switches the of static performance;	Iders must state here er "Comply" or "Not apply" against each of individual parameters each Specification ing the corresponding cormance parameter of equipment offered.
2 piece 3 1TB, Hard disk Drive, 7200rpm, for desktop 11TB SATA 6Gb/s interface optimizes burst performance; 164MB Cache	er "Comply" or "Not aply" against each of individual parameters each Specification ing the corresponding formance parameter of equipment offered.
2 piece 3 1TB, Hard disk Drive, 7200rpm, for desktop 11TB SATA 6Gb/s interface optimizes burst performance; 164MB Cache 1750 1864MB Cache 1864MB Cache 1864MB Cache 1864MB Cache 1864MB Cache 1864MB Cache	iply" against each of individual parameters each Specification ing the corresponding formance parameter of equipment offered.
2 piece 3 1TB, Hard disk Drive, 7200rpm, for desktop © 11TB © SATA 6Gb/s interface optimizes burst performance; © 64MB Cache	individual parameters each Specification ing the corresponding formance parameter of equipment offered.
SATA 6Gb/s interface optimizes burst performance; static performance perf	each Specification ing the corresponding formance parameter of equipment offered.
performance; stati	ing the corresponding formance parameter of equipment offered.
performance; statis	formance parameter of equipment offered.
■64MB Cache perf	formance parameter of equipment offered.
	equipment offered.
sAverage Data Rate, Read/Write: 156 the	1 1
-Man Occatains of Data Data OD Data (MD/a)	emenis oj Compiy or
210	
Section in the section of the sectio	t Comply" must be
3 pieces 4 ATX Power Supply (500W) supply	ported by evidence in a
	ders Bid and cross-
	renced to that evidence.
	lence shall be in the
=4 sets supply	of manufacturer's un-
F4 moley supply	· ·
4 unit 1 AVR. 500W (IC Controlled)	nded sales literature,
■Single 6pin unce	onditional statements of
©24pin connector spec	cification and
	pliance issued by the
	ufacturer, samples,
	pendent test data etc.,
5 no 1 Pattery Charger for 9 Volte Pattery	•
For 9 volts rechargeable batteries *Charges 2v us u	ppropriate. A statement
rechargeable batteries (9 volts) at the same	is not supported by
time	lence or is subsequently
*With 110v & 220v setting foun	nd to be contradicted by
	evidence presented will
	ler the Bid under
6 pieces FO CD P 700MP with case	
/ Dieces 6 Computer HD Webcam	J
■1080P Full HD Webcam	ction. A statement
	er in the Bidder's
■Sensor Type: CMOS state	ement of compliance or
■Video Format: AVI the	
■Frame Rate: at least 30FPS that	is found to be false
- Date - Toward from a did to DI to a surd a la	er during Bid
Photo Format: BMP IPC	O
Resolution: 1920 * 1080 P	uation, post-
	lification or the
■Interface Type: USB2.0 exec	cution of the Contract
Built-in microphone may	be regarded as
	dulent and render the
,	der or supplier liable
- Otom down Month or and with 404 Month	
MISR Connection	prosecution subject to
■Low Profile Key Caps the	applicable laws and
■Minimum Key Noise issue	ances.]
■Laser Printing for Key Layout	
■Spill Resistant Design	

		_	T
9	set	2	Computer Monitor 24", IPS
			■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			■Color Saturation : 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 : 16.7M
			■ Flicker free
10	set	2	Computer Monitor 24", IPS
			■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			■Color Saturation : 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 : 16.7M
			■Flicker free
11	unit	1	Computer Printer 3-in-1
			with CIS Filled with Inks
			■Compact integrated tank design
			■High yield ink bottles
			■Spill-free, error-free refilling
			■Wi-Fi, Wi-Fi Direct
			■Borderless printing up to 4R
			Computer Printer, All-in-One/Multifunction
12	unit	10	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
13	pieces	1	Cover for keyboard
14	рс	2	CPU (Central Processing Unit)
17	pc		■AMD A10-8770 Processor
			SAsus Prime Motherboard
			Signification States Signification Signif
			©CPU Casing w/ PSU
			©256GB SSD
			Desktop Casing mATX and 700W True Rated
15	unit	2	_
			Power Supply 80 plus
	1		Casing
			Front Panel with Metal Mesh for the Best
			Ventilation

			<u></u>	
			Super Speed USB 3.0 is Ready	
			Motherboard Compatibility: Micro ATX, Mini-ITX	
			Power supply	
			80 Plus Bronze	
			AC Input: 100v-240VACM 10A-5A 50-60Hz	
			Rated Power: True Rated 700W	
16	set	2	Desktop Computer (i3)	
			■Processor: Intel Core i3-9100 Processor (9M	
			Cache, up to 4.10 GHz) or higher	
			■Motherboard: Intel H310 Ultra Durable	
			motherboard, Gaming LAN, Anti-Sulfur	
			Resistor, LGA-1151	
			■8GB DDR4 2400 DIMM Desktop Memory	
			■SSD: 240GB	
			■Keyboard and Mouse Combo	
			■Casing with Power Supply	
			■Monitor: 18.5 inch, HD Ready (1366 X 768),	
			TN Panel Connectivity Port: 1 VGA Port, 1	
			HDMI Port / Aspect Ratio: 16:9, Brightness	
			(Typical): 200 cd/m2 / Refresh Rate: 60 Hz,	
			■Operating System: Genuine Windows 10	
			Home (OEM)	
			■AVR: 500W IC controlled	
17	unit	1	Desktop Computer (i5)	
			■Processor:	
			■Intel Core i5 9400 or higher	
			■Motherboard:	
			Intel H310 Chipset	
			■Anti-Sulfur Resistors Design	
			■Gaming LAN with Bandwidth Management	
			Memory:	
			◀16GB (2x8) DDR4 or higher	
			■SSD: 500GB M.2,	
			■Optical Drive: DVD-RW	
			■Casing: W/ 700W PSU,	
			■Monitor: 23" IPS FHD,	
			■Operating System:	
			■Keyboard and mouse combo	
			■500W IC controlled AVR	
			■Stereo speakers	
18	unit	11	Desktop Computer (i7)	
	-		■Processor: Intel® Core™ i7 8th Generation or	
			higher	
			■Chipset: Intel®H310	
			■Graphics: Intel® HD Graphics Discrete	
			graphics	
			■Memory: at least 4 GB Dual Channel, DDR4 at	
			2666MHz expandable to 32 GB	
			■Expansion Slots: 1 x M.2, 2 x PCI-e x 1, 1 x	
			PCI-e x 16	
			■SATA: 4 x SATA 6Gb/s *1	
			■Storage: at least 250 GB M.2 SSD	
			■Operating System: Genuine Windows 10	
			Home	
			■Power Supply: at least 500 W Peak with ATX	
			case	
			Case	

		1	Thousand and Maria
10	uni4	4	©Keyboard and Mouse
19	unit	1	Desktop Computer (w/o Monitor)
			©Processor: Intel Core i3-9100 Processor (9M
			Cache, up to 4.10 GHz)
			Motherboard Intel H310 Ultra Durable The street of the street o
			motherboard, Gaming LAN, Anti-Sulfur
			Resistor, LGA-1151
			Memory: 8GB DDR4 2400 DIMM Desktop Memory:
			Memory ©SSD: 240GB
			Home (OEM)
			■w/ USB Keyboard and Mouse
20	unit	3	Desktop Computer, All-in-one (AIO)
20	unit	- 3	■Processor: 11th Generation Intel® i5-1135G7
			processor (8MB Cache, up to 4.2 GHz)
			©Display: 23.8-inch FHD (1920 x 1080) Anti-
			Glare Narrow Border Infinity Non-Touch Display
			■GPU: Intel Iris Xe Graphics with shared
			graphics memory
			■Memory: 8GB, 2666MHz, DDR4 (1x8GB,
			note: extra slot for upgrade)
			■Storage: 256GB M.2 PCle NVMe Solid State
			Drive (Boot) + 1TB 7200 rpm 2.5" SATA Hard
			Drive (Storage)
]			■Ports: 1 Rear USB 2.0 Type A, 3 USB 3.1 Gen
			1 Type A, 1 USB 3.1 Gen 2 Type-C, 1 RJ-45, 1
			Microphone/Headset Jack, 1 DC power, 1
			HDMI-In, 1.HDMI-out (1.4)
			■Below: Speaker, Power, Input mode, Power
			on/Wake from USB KBMS from S3/Modern
			Standby ,S4, S5 ©Operating System: Windows 10 Home
			Solution System: Windows 10 Home Included with Wireless Keyboard and Mouse
			Desktop Computer, All-In-One (AIO), 21.5"
21	unit	4	IPS
			■Processor: Intel Core i3-1005G1 (2C / 4T, 1.2
			/ 3.4GHz, 4MB) or higher
			■Graphics: Integrated Intel UHD Graphics
			■Chipset: Intel SoC Platform Memory: 1x 8GB
			SO-DIMM DDR4-3200
			■Memory Slots: Two DDR4 SO-DIMM slots,
			dual-channel capable
			■Max Memory: Up to 16GB DDR4-3200
			■Storage: 512GB SSD M.2 2280 PCle 3.0
			NVMe
			■Display: 21.5" FHD (1920x1080) IPS 250nits
			■Touchscreen: None
			■Keyboard: Calliope Wireless Keyboard
			■Mouse: Calliope Wireless Mouse
			■Expansion Slots: Two M.2 slots (one for
			WLAN, one for SSD)
			■Ethernet: Integrated 100/1000M WLAN +
			Bluetooth: 11ax, 2x2 + BT5.0
			■Rear Ports: 1x power connector 1x HDMI 1.4
			out 1x Ethernet (RJ-45) 2x USB 2.0 1x USB 3.1
		-	Gen 1
			■Left Ports: 1x headphone / microphone combo

			jack (3.5mm) 1x card reader 1x USB 3.1 Gen 1
22	pieces	3	Desktop Microphone
	pioooo		©Compatible with: Desktop/Notebook/PC,
			Windows 7-10
			■Pickup: 6mm Condenser Mic
			■Microphone Directivity: Omnidirectional
			■Sensitivity: -58db±3db
			■Signal-to-noise Ratio: ≤50dB
			© Cable Length: 2.5m
			■Type: 3.5mm Plug
23	unit	1	Dual Monitor Bracket with C-clamp and
25	unit		Grommet Fit
			■Fit in 18-32 inch Monitor, Vesa compatible
			■Height Adjustable Arm
			■Maximum Load capacity 13kg each arm(26kg
			both arms)
			Landscape and portrait orientation
			■Tilt angle free adjustment
0.4	la 41 a	40	Selection Strap cable manager
24	btls	18 12	Epson 003 Ink Bottle for Epson L3150, Black
25	btls	12	Epson 003 Ink Bottle for Epson L3150, CYAN
26	btls	12	Epson 003 Ink Bottle for Epson L3150, MAGENTA
			Epson 003 Ink Bottle for Epson L3150,
27	btls	12	YELLOW
28	btls	6	EPSON L220 Ink Cartridge Black
29	btls	6	EPSON L220 Ink Cartridge Cyan
30	btls	6	EPSON L220 Ink Cartridge Magenta
31	btls	6	EPSON L220 Ink Cartridge Yellow
32	btls	20	Epson L6160 Black 001
33	btls	15	Epson L6160 Cyan 001
34	btls	15	Epson L6160 Magenta 001
35	btls	15	Epson L6160 Yellow 001
36	unit	4	External Hard Disk Drive (Portable, 1TB),
30	unit	4	USB 3.1
			■ Shock-absorbing
			■Interface: USB 3.1 (Max.5Gb/s)
			■Capacity: 1TB ■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
37	unit	5	External Hard Disk Drive (Portable, 2TB), USB 3.1
			■Shock-absorbing
			■Shock-absorbing ■Interface: USB 3.1 (Max.5Gb/s)
			©Capacity: 2TB
			■Capacity: 21B ■Texture: Plastic/Rubber
			■ Pexture: Flastic 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
			External Hard Disk Drive, (Portable 500GB),
38	piece	3	USB 3.0
			■Hard Drive Type:2.5" HDD
			©USB Interface: USB 3.0
			©Capacity:500GB

39	рс	10	Fiber Optic Patch Panels
	Po		■Termination Area:
			◄ Front Sliding Drawer Fiber Express ECX
			Patch Panel Housing 1U
			◆holds 2 ECX adapter frames or cassettes
			◆FX Adapter Strip LC Duplex
40	piece	7	Flash Drive, at least 32GB USB 3.0
	_		Genuine Hp laserjet toner 85A (CE285A)
41	boxes	60	black
40	200	2	Headset (Wired), Generic Over the Ear with
42	pcs	3	mic
			■Line is equipped with a rotary volume
			controller, one key Mic mute,
			■Frequency Range:20-20K(Hz)
			■Sensitivity:-52(dB)
			■Impedance:32(Ohm)
			■Speaker Diameter:40(mm)
			■Distortion Rate:0.8%
			■Plug Diameter:3.5mm
43	unit	9	Headset with Noise Cancelling Mic
			■Input Impedance: at least 32 Ohms
			Sensitivity (headphone):at least 94 dBV/Pa +/-
			3 dB
			■Sensitivity (microphone): -17 dBV/Pa +/- 4 dB
			■Frequency response (Headset): 20 Hz - 20
			KHz
			■Frequency response (Microphone): 100 Hz -
			10 KHz
			■Cable Length: at least 7 ft
			©Connections: USB-A compatible (1.1, 2.0,
			3.0), USB port 1Type A port or adapter
44	pcs	2	Ink Cartridge, HP680, black
45	pcs	2	Ink Cartridge, HP680, tri color
40		40	Ink continous, refill,Black BT6000BK
46	btls	10	(Brother DCP T300)
47	h ti o	40	Ink continous, refill,Black BT6000BK
47	btls	10	(Brother DCP T310)
40	l- 41 -	40	Ink continuous, refill, black (Brother DCP
48	btls	10	T310)
40	h4l-	40	Ink continuous, refill, cyan (Brother DCp
49	btls	10	T310)
ΕO	btlo	10	Ink continuous, refill, magenta (Brother DCP
50	btls	10	T310)
51	btls	15	Ink, Brother BT5000C Cyan
52	btls	15	Ink, Brother BT5000M Magenta
53	btls	15	Ink, Brother BT5000Y Yellow
54	btls	5	Ink, Brother BTD60BK, Black
55	рс	23	Ink, Brother LC-539XL, Black
56	рс	12	Ink, Brother LC-539XL, Cyan
57	рс	12	Ink, Brother LC-539XL, Magenta
58	рс	12	Ink, Brother LC-539XL, Yellow
59	box	4	Ink, Cartriage, LC535XL - Cyan, DCP-J100
			Ink, Cartriage, LC535XL - Magenta, DCP-
60	box	4	J100
61	box	4	Ink, Cartriage, LC535XL-Yellow, DCP-J100
		82	Ink, Epson 003,Genuine Black 65mL
62	l Du	02	link, Epson 005,0endine black usine
62 63	btl btl	43	Ink, EPSON 003,Genuine Diack 05mL

State
Ink, Epson, genuine (M) T664, 70 ml
Ink, Epson, genuine, (BK) T664, 70 ml pieces 10 lnk, Epson, genuine, (Y) T664, 70 ml set 3 Set 3 Keyboard And Mouse Combo Bundle, USB powered MKeyboard MKeyboard MKeycaps: 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 DPl Rating: 5 V / 100 mA Buttons No.: 3 Ergonomic Design: Symmetric Size: Middle / Big Hands Laptop 14" (15) Processor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC Midde Processor: NVIDIA GeForce MX330, with 2GB GDDR5 VRAM Storage: 512GB PCIe Gen3 x2 SSD Laptop, AMD Ryzen 5 4500U, 14" FHD MFrocessor: CPU AMD Ryzen 5 4500U or higher MCIPPING: AMD Radeon Graphics MISION INTERIOR COMPANIES AND RADOR COMPANIES AND RADOR COMPANIES AND RADOR COMPANIES AND RADOR COMP
Set 10 Ink, Epson, genuine, (Y) T664, 70 ml
Set 3 Keyboard And Mouse Combo Bundle, USB powered Keycaps: A-Shape, Round Edge
Set Spowered ■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 1 unit 3 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■Processor: CPU AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS
SKeyboard
■ 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 ■ Mutons No.: 3 ■ Ergonomic Design: Symmetric ■ Size: Middle / Big Hands 1 unit 3 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 SODIMM 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS
■ 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 1 unit 3 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS
■ 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 1 unit 3 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS
■ 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 1 unit 3 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS
■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 ■ Unit 3 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 SODIMM 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: 512GB PCIe Gen3 x2 SSD 2 Unit 1 Laptop, AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS
■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 1 unit 3 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■Processor: CPU AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS
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■ Size: Middle / Big Hands Unit 3 Laptop 14" (i5)
1 unit 3 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: 512GB PCIe Gen3 x2 SSD unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
■ 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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■ Processor: CPU AMD Ryzen 5 4500U or higher ■ Graphics: AMD Radeon Graphics ■ Display: 14" 1920x1080 IPS FHD LED 250NITS
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: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ©Processor: CPU AMD Ryzen 5 4500U or higher ©Graphics: AMD Radeon Graphics ©Display: 14" 1920x1080 IPS FHD LED 250NITS
■ Operating system: Windows 10 Home ■ Memory: 4GB Onboard memory, 1 x SO- DIMM socket (for expansion) ■ Display: 14.0" (16:9) LED-backlit FHD

DIMM socket (for expansion) Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC DVideo Processor: NVIDIA GeForce MX330, with 2GB GDDR5 VRAM Storage: 512GB PCIe Gen3 x2 SSD unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
 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: 512GB PCIe Gen3 x2 SSD unit Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
(1920x1080) 60Hz Anti-Glare Panel with 45% NTSC SVideo Processor: NVIDIA GeForce MX330, with 2GB GDDR5 VRAM Storage: 512GB PCIe Gen3 x2 SSD unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
NTSC SVideo Processor: NVIDIA GeForce MX330, with 2GB GDDR5 VRAM Storage: 512GB PCIe Gen3 x2 SSD unit Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
■Video Processor: NVIDIA GeForce MX330 , with 2GB GDDR5 VRAM ■Storage: 512GB PCIe Gen3 x2 SSD 2 unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD ■Processor: CPU AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS
with 2GB GDDR5 VRAM Storage: 512GB PCIe Gen3 x2 SSD unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD BProcessor: CPU AMD Ryzen 5 4500U or higher BGraphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
unit 1 Laptop, AMD Ryzen 5 4500U, 14" FHD Processor: CPU AMD Ryzen 5 4500U or higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
■Processor: CPU AMD Ryzen 5 4500U or higher ■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS
higher Graphics: AMD Radeon Graphics Display: 14" 1920x1080 IPS FHD LED 250NITS
■Graphics: AMD Radeon Graphics ■Display: 14" 1920x1080 IPS FHD LED 250NITS
■Display: 14" 1920x1080 IPS FHD LED 250NITS
■Display: 14" 1920x1080 IPS FHD LED 250NITS
Emoniory. 100B BB1(10200M112(0.0)
■Storage: 512g SSD M2
■Keyboard and Touchpad: No backlit
■Audio: HD audio Realtek
■Camera: 720PHD CAM
■Wireless Connectivity: Wi-Fi 6 BT5.0
Battery and Power: 45W BATTERY
3 unit 1 Laptop, Intel Core i5 10th Gen , 15.6" FHD
BProcessor: Intel Core is 10th gen processor or
higher
Memory: 16GB DDR4 2400MHz Display: 45 6 inch full LID IDS 4000:4000
Display: 15.6-inch full HD IPS 1920x1080
screen
■Graphics card: NVIDIA Geforce MX350 2GB
(GDDR5 video memory)
■SSD: 512GB NvME M2
Network: wireless network card dual-band
dual-antenna 802.11.ax (support 5G network);

	ı	1	Divisionally Division (I.E.O.
			Bluetooth Bluetooth5.0
71	110;4	1	■Operating System: Genuine Windows 10 Laptop, Intel Core i5 11th Gen, 15.6" FHD
74	unit	1	■Processor: 11th Gen Intel ® Core ™ i5 or
			higher
			■Graphics: Intel® Iris® Xe Graphics
			©Display: 15.6" 1920x1080 resolution FHD IPS
			Memory: 16GB DDR4 3200MHz
			■Storage: 512GB M.2 SSD
			■Keyboard and Touchpad: Not Backlight
			Audio: Realtek Audio
			©Camera: 720P HD
			■Wireless Connectivity: Wi-Fi 5 and Bluetooth
			4.0-4.2
			■Operating System: Genuine Windows 10
75	pcs	6	Laser toner cartridge for hp 107A, Replace
	•		w/ W1107a
76	unit	3	LCD Projector, XGA (1024x768)
			■Projection Method: Front/rear/ceiling mount
			■Pixel Number: at least 786,432 dots (1024 x
		 	768) x 3
			©Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4
			©Aspect ratio: 4:3
		<u> </u>	Samp 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
77	pcs	2	Memory Module DDR4, 16GB (8GB x 2)
			■Memory Type: DDR4
			■Memory Size: 16GB Kit (2 x 8GB)
			■Tested Latency: 18-22-22-42
			■Tested Voltage: 1.35V
			■Tested Speed: 3600MHz
			■LED Lighting : RGB
			■Single Zone / Multi-Zone
		ļ	Lighting : Individually Addressable
		ļ	■SPD Latency : 18-18-18-43
			■SPD Speed : 2666MHz
			■SPD Voltage : 1.2V
		<u> </u>	Speed Rating : PC4-28800 (3600MHz)
			©Compatibility: Intel 300 Series, Intel 400
			Series, Intel 400 Series, Intel X299, AMD X570
		-	BRockago Memory Format: DIMM
		-	■Package Memory Format: DIMM
		-	■Package Memory Pin : 288 Microsoft Office Home & Student 2019, 1
78	pcs	1	Perpetual License, Medialess
		 	■One-time purchase for 1 PC or Mac
		<u> </u>	©Classic 2019 versions of Word, Excel, and
			PowerPoint
			■Microsoft support included for 60 days at no
			extra cost
	1	<u> </u>	1

			■Licensed for home use
79	unit	1	Mirrorless Camera, 24MP APS-C
			■24.1MP APS-C CMOS Sensor
			■Digital Imaging Integrated Circuit (DIGIC) 8
			Image Processor
			■UHD 4K and HD 720p120 Video Recording
			■Dual Pixel CMOS AF with Eye Detect AF
			■2.36m-Dot OLED Electronic Viewfinder
			■3.0" 1.04m-Dot Vari-Angle Touchscreen
			■Wi-Fi and Bluetooth; Webcam Capability
			■Extended ISO 51200, 10 fps Shooting
			■Combination 5-Axis Image Stabilization
			■Includes EF-M 15-45mm f/3.5-6.3 IS STM Lens
80	piece	1	Monitor Stand, Dual Articulating, C-Clamp
	'		and Grommet Option
			Material: Steel Output (5/14 Paral Quarter)
			Supported Flat-Panel Screen Sizes: 13" to 32"
			■Cable clips keep cables organized and
			protected
			Max Load: 8 kg / 17.6lbs One of the state
			©Clamp: 10-88mm (table thickness)
			■Grommet: 10-75mm (table thickness)
			■ VESA: 75x75,100x100
			⊚Tilt Range:+45°~-45°
			■Swivel Range:+90°~-90°
			■Screen Rotation:+180°~-180°
			■Installation: Grommet, Clamp
81	unit	2	Motherboard, Intel B460 Chipset for Intel
01	unit		LGA 1200 Processors
			Supports 10th Gen Intel® Core™ Processors
			■Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs
			■High Quality Audio Capacitors and Audio
			Noise Guard with LED Trace Path Lighting
			©Ultra-Fast M.2 with PCIe Gen3 X4 & SATA
			Interface
			■Smart Fan 5 features Multiple Temperature
			Sensors and Hybrid Fan Headers with FAN
			STOP
			■Anti-Sulfur Resistors Design
			■ Ultra Durable ™ 15KV Surge LAN Protection
			■Intel® Optane™ Memory Ready
82	no	2	Mouse, Wired Optical, PS/2
82	рс		
			■Ergonomic Design: Symmetric
	-		Sensor: Optical
			Type: Wired (PS2)
			■System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10
			■2 buttons + scrolling wheel optical mouse
			■2 buttons + scrolling wheel optical mouse ■Works on most surfaces
			■Works on most surfaces
			Morks on most surfaces Microsoft system compatible
83	pieces	5	Solution: 1000 DPI Solution: 1000 DPI
83	pieces	5	 Works on most surfaces Microsoft system compatible Resolution: 1000 DPI Mouse, Wired, Optical, USB
83	pieces	5	 Works on most surfaces Microsoft system compatible Resolution: 1000 DPI Mouse, Wired, Optical, USB USB Port Connectivity
83	pieces	5	 Works on most surfaces Microsoft system compatible Resolution: 1000 DPI Mouse, Wired, Optical, USB

	•	1	T
			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
84	рс	2	Netbook Laptop
			■11.6 Inches Screen LED TFT
			■LCD Display with 1366 x 768 Pixels
			Resolution, Dual Core-1007U 1.5 Ghz
			Processer,
			■2 GB DDR3 included and Expandable 8 GB
			RAM, 500 GB HDD SATA Hard drive, Intel HD
			■128 MB Graphics Card, 3 x USB 2.0, Li-ion 4
			Hours Battry Life.
85	unit	1	Photocopier with printer & scanner with
00	unit	'	ADF, 40PPM (monochrome)
			✓ Photocopier, Printer and Scanner
			✓ Upto A3 size paper
			✓ Heavy Duty
			✓ 24 pages per Minute
			✓ Built-in FEEDER / ADF
			✓ Built-in DUPLEX / Auto Back-to-back
			✓ Memory: 1.5 GB
			✓ Network Ready
			✓ USB Memory Direct Print and Scan
			✓ DrumLife / Maintenance Kit @ 200,000
			pages
			FREE:
			✓ 2 years Service Warranty
			✓ 1 Year Parts Warranty
			✓ Starter Toner @ 3,000 pages (Black)
			✓ Operations DEMO
			•
86	pieces	1	Power Supply, 300 watts, ATX w/ ATX
	-		Processor, Intel Core i7 at least10th
87	unit	2	Generation
			■Total Cores: 8
			■ Total Cores: 8 ■ Total Threads: 16
			Processor Base Frequency: 3.80 GHz
			Max Turbo Frequency: 5.10 GHz Cooks 16 MB Intel® Smart Cooks
			©Cache 16 MB Intel® Smart Cache
			Bus Speed 8 GT/s
			■Intel® Turbo Boost Max Technology 3.0
			Frequency ‡ 5.10 GHz
			■Intel® Turbo Boost Technology 2.0
			Frequency‡ 5.00 GHz
			©TDP 125 W
			©Configurable TDP-down Frequency 3.50 GHz
	1		©Configurable TDP-down 95 W
88	unit	1	Rechargeable Wireless Keyboard and
	1	-	Mouse Set
			Rechargeable Office Wireless Keyboard and
			Mouse Set
			Size: 284*121*16.mm
			■Weight: 280g
			■Connection method: USB receiver/Bluetooth

			Riso Machine, Copy Printer, fully-automatic
89	set	1	one-drum stencil system, 300x300 dpi, 60-90
			sheets per m
			Copy Printer, fully-automatic one-drum stencil
			system, 300x300 dpi, 60-90 sheets per minute, 220-240 V, 50-60 Hz, includes ink black, master
			and cabinet
90	pcs	2	RS PRO 9V Battery Holder
90	pcs		■The RS PRO battery holder is suitable for 9V
			SNAP battery and has 6 prong SNAP terminal.
			■To contain cells when inserted into battery
			compartments
91	pcs	3	SD Card, 128 GB
<u> </u>	Poo		Memory SD Card- 128 GB UHS-I SDXC
			■Card Type: SDXC
			■Storage Capacity: 128GB
			■Bus type: UHS-1
			■Data Transfer Read Speed: 170 MB/s
			Maximum (Burst)
			■Write speed: 90 MB/s maximum (Burst)
			■Write speed: 30 MB/s Minimum
			■Built-in Write Protect Switch
			■Durability: Shockproof, Temperature
			Extremes, waterproof, X-ray Proof
			■Opening Temperature: -25 to 85C
92	pcs	2	SD Card, 64GB
			■64GB SD Card
			■SDHC UHS-1 Class 10 80MB/s
			SD/Micro SD Card Reader Writer USB 2.0
93	set	2	Memory Card Reader OTG Adapter Viewer
0.4		1	Micro SD/TF Compact Fla
94	рс	1	Security Stick (USB) @At least 16GB
			Olock for data
			■ encryption and password protection
			Source Source Source Source Source Source Source Source Source Source Source Source Source
			attempts
			■USB 3.0 interface
95	unit	5	SIP VOIP Phone
	Griic		■1-Line PoE+ SIP VOIP Phone SPA MAC
			address (IEEE 802.3)
			■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
		1	availability via NOTIFY
			Nonintrusive in-service upgrades
			Report generation and event logging
			Statistics transmitted in BYE message
			Syslog and debug server records: configurable
		1	per line
			Address Resolution Protocol (ARP) DNS: A record (BEC 1706), SBV record (BEC)
			■DNS: A record (RFC 1706), SRV record (RFC 2782)
		<u> </u>	L10L)

			■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)
		1	■Secure (encrypted) calling via SRTP■Codec name assignment
			Noice algorithms
			■Voice algorithms ■G.711 (A-law and μ-law)
		1	■G.711 (A-law and μ-law) ■G.726 (16/24/32/40 kbps)
		1	■G.726 (16/24/32/40 kbps) ■G.729 A
			8 G.722
			■G.722 ■Dynamic payload support
			■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)
			■Compatible with existing VOIP Phones of VSU
96	pcs	2	Solid State Drive, 250GB NvME PCiE
		1	■Capacity: 250GB
			■Interface: PCIe
			■Sequential Read Performance: 2400MB/s
			Sequential Write Performance: 950MB/s
			■can last up to 1.75M hours MTTF2 (mean time
			to failure), with up to 600 TBW3 (terabytes written)
			•

97	рс	3	Speaker, for PC, 2.1 (Speaker with Subwoofer)
			■Power Output : rms 4.5w×2 sw: 12w
		-	■Signal to noise ratio : 80dba
			■Frequency Response : 80hz~20khz (±6db)
			© R/l: 300±50mv sw: 100 ± 20mv
			■Aux/USB/SD card
			■Bass driver :4 inch
			■Treble driver :2 3/4 inch
98	pieces	5	Tablet Computer, 8", 32GB ROM
30	picces		©Display Size 8.0"
			■OS Android 9.0 (Pie)
			Battery: 5100mAh
			■Ballery: 5100mAn
			■ROM: 32GB
			■External Memory Support: MicroSD Up to 512GB
			■Card slot microSDXC (dedicated slot)
			© Chipset Qualcomm SDM429 Snapdragon 429
			(12 nm)
			■CPU Quad-core 2.0 GHz Cortex-A53
			■GPU Adreno 504
			■SIM Nano-SIM
			■Rear Camera Flash: No
			■Video Recording Resolution: FHD(1920 x 1080) @30fps
			, .
00	110;1	2	■OS: Android 9.0 (Pie) UPS
99	unit	2	
			■Output Power Capacity: 550 Watts/1100 VA ■Max Configurable Power: 550 Watts/1100 VA
			2 years' warranty
			Nominal Output Voltage: 230V
			©Output Connections:(2) IEC 320 C13 (Battery
			Backup) (4) Universal Receptacle (Battery
			Backup)
			■Nominal Input Voltage: 230V
100			and the second sec
100	unit	1	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
101	piece	1	UPS, at least 500 w
	p.500		Recharging Time: at most 4 Hours;
102	unit	1	UPS, at least 800 watts
102	unit	<u> </u>	
			Recharging Time: at most 4 Hours; Vertical Type Fiber Splice Box, IP68
103	unit	1	Waterproof Optic Splice Enclosure with
			Accessories for Structur
			■Fiber Optic Splice Enclosure
			Material: PC, Alloy
			■Protection Grade: IP68
			■Layer Number of Connecting Disc: 1~4 layer

			Accessories Included:	·
			◀1 x Fiber Optic Splice Enclosure	
			◀1 x U Shape Connector	
			◀1 x Mounting Rail	
			■2 x Accessory Package	
104	unit	6	Web Camera for PC	
			■lmage sensor: 1 / 2.9	
			■Lens: 3.6mm/75.7 °	
			■ Effective pixel: 1932 (H) * 1088 (V)	
			■Horizontal resolution: 2MP	
			■ SNR: > 50dB	
			■Video stream: H.264:1920 * 1080 / 1920 * 720	
			/ 640 * 360 MJPEG: 1920 * 1080 / 1920 * 720 /	
			640 * 360	
			■Video Frame rate: 25FPS / 30FPS	
			■Electronic shutter: Auto	
			■Protocol: UVC / UVA	
			■Video output: USB video stream	
			■Working voltage: DC5V / 160mA ± 6mA	
			■ Working environment: -20 °C to 60 °C	
40-			Web Camera up to 4K with Omnidirectional	
105	pcs	2	Microphone	
			Multiple resolutions:	
			◀4K/30fps (up to 4096 x 2160 pixels)	
			■1080p/30 or 60 fps (up to 1920 x 1080 pixels)	
			◄ 720p/30, 60, or 90 fps (up to 1280 x 720	
			pixels)	
			■Camera mega pixel: 13	
			■Focus type: Autofocus	
			■Lens type: Glass	
			■Built-in mic: Stereo	
			■Mic range: Up to 1 m	
			©Diagonal field of view (dFoV): 90°/78°/65°	
			■Digital zoom: 5x	
			■USB connectivity: USB-A plug-and-play,	
			supports USB-C with third party adapter (not	
			included)	
			Detachable universal mounting clip fits	
			laptops, LCD or monitors	
			■With HDR for clear image in various lighting	
			environments ranging from low light to direct	
			sunlight.	
			■Image controls with optional Camera Settings	
			application for control of pan, tilt, and zoom	
			■Infrared sensor technology for Windows (SDK	
			available for application integration)	
			■Attachable privacy shutter	
			Rebidding (from GOODS-21-55)	
400			Canon PIXMA iP2770 lnk, Cartridge Black,	
106	рс	2	Genuine	
407			Canon PIXMA iP2770 Ink, Cartridge Colored,	
107	рс	3	Genuine	
108	piece	3	CCTV IP Camera	
	F-200		■2MP WDR, with Built-in Mic	
			©12v, DC	
			■30m IR range,	
			■1920x1080 Max. Resolution	

			■2.8/4mm fixed lens
			DSLR Camera (24.2 MP, APS-C with 18-
109	unit	2	55mm lens), Brand new
			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
110	pack	1	DVD RW Disc
110	paon	•	Type: Storage media - DVD+RW (DVD Re-
			Writable)
			Dimension: 120mm (4.7 inch)
			4.7GB storage capacity
			4x Write Speed
			120 Minutes storage capacity
			Add, erase or write over content on a disc
			50pcs/spindle/pack
111	pieces	20	DVD+RW 8x 4.7Gb w/ indiv case
112	pack	1	DVD-R Disc
114	ρασκ	'	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.
113	meters	46	Heavy Duty Microphone Wire
			stereo 3 wires
			coated silver wires
			low noise reduction
114	pcs	10	Ink Cartridge, HP680, black, Genuine
115	pcs	10	Ink Cartridge, HP680, tri color, Genuine
116	piece	2	Power supply, at least 550 watts
			true rated
			■at least 550 watts power rating
			■High efficiency with 80 PLUS certification
			■24/7 continuous power output with 40 deg. C.
			operating temperature
			■Class-leading single +12V rail ■Class-leading single +12V rail
			■Active PFC Circuitry
			■PCI-E 8pin and PCI-E 6pin connector support
			■Silent running 120mm fan with 18dBA
117	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
			¥27

			1
			■Spill-free, error-free refilling
			■Borderless printing up to 4R
118	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
119	pieces	10	RJ-45 Modular Connector (AMP)
120	рс	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
			Rebidding (from GOODS-22-05)
121	рс	11	Anti-virus Software, at least 3 users
			Anti-malware,
			anti-ransomware
			anti-hacking
			perpetual license
122	pcs	2	Antivirus Software 3 Device, 1+1 Year
144	Pos		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

			T
			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
123	pieces	2	ATX Power Supply (500W)
			© Single 6pin
			■24pin connector
			■Dual 4pin for board
			■4 sata supply
			■4 molex supply
124	pieces	4	Computer HD Webcam
			■1080P Full HD Webcam
			DLens: HD lens
			Sensor Type: CMOS
			■Video Format: AVI
			■Frame Rate: at least 30FPS
			■Drive Type: free drive. Plug and play
			■Photo Format: BMP JPG
			■Resolution: 1920 * 1080 P
			■Output Format: M-JPEG
125	set	8	Computer Monitor 24", IPS
	00.		■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			©Color Saturation : 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: 16.7M
			■ Flicker free
126	unit	2	Computer Printer 3-in-1
120	unit		Swith CIS Filled with Inks
			■Compact integrated tank design
			■High yield ink bottles
			■Spill-free, error-free refilling
			■Wi-Fi, Wi-Fi Direct
			Borderless printing up to 4R Computer Printer, All in One/Multifunction
127	unit	2	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
			Nozzlec Configuration: 180 Nozzles Black, 59
			Nozzles per Color
			Minimum Droplet Size: 3 pl, With Variable- Size of Droplet Tackmala me.
			Sized Droplet Technology
			■Ink Technology: Dye Ink
			■Printing Resolution: 5,760 x 1,440 DPI

128	pieces	1	Desktop Microphone
120	pieces	<u>'</u>	■Compatible with: Desktop/Notebook/PC,
			Windows 7-10
			■Pickup: 6mm Condenser Mic
			■Microphone Directivity: Omnidirectional
			■Sensitivity: -58db±3db
			■Signal-to-noise Ratio: ≤50dB
			©Cable Length: 2.5m
			■Cable Length. 2.5m
			Dryer/Sterilizer
			Kills 99% of bacteria
			Upper cabinet: at least 65 degrees
			celsius heating temperature; suitable for
			plastic, wood, and glass materials
			Lower cabinet: at least 125 degrees celsius
			heating temperature; suitable for porcelain,
			glass, and stainless steel materials
			With ozone disinfection system
			Stops growth of molds
			2 level cabinet
			Capacity: at least 3.1 cu.ft
465			Epson 188 Black, Cyan, Yellow & Magenta
129	sets	3	Ink Set of 4 Colors
			DURAbrite Ultra Ink
			Max Economy for prints
			Print up to A3+
			Mobile printing with Epson Connect
			For use on WF-7111 / WF-7611 / WF-7211 /
			WF-7711
			Average page yield for black ink cartridge:
			2,200 pages
			Average page yield for colour ink cartridge:
			1,100 pages
130	btls	16	Epson L6160 Black 001
131	unit	2	Flatbed Scanner
			■Scanner Type:
			■Scanning Method:
			■Optical Resolution:
			◀4,800 dpi x 4,800 dpi *1
			■Output Resolution:
			■50 dpi to 4800 dpi, 7200 dpi, 9600 dpi (50 dpi
			to 4800 dpi in 1 dpi increments) *2
			■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
			Max Document Size:
			■ Up to 216 x 297mm
132	рс	2	HDMI Extender
			120M HDMI Extender Cascade Connection
			4k Via Cat5e/6
	1		CAT6 RJ45 Ethernet Lan Network Card Cable
			OATO NOTO EUTETTEL EATT NELWORK CALL CADIE
			Transmitter Receiver TX RX W/ IR

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4 4 7	·		Int. TOTOL DI ACK
147	pack	4	Ink, T05C1, BLACK
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
4.40		_	System RIPS Original Pigment Inks)
148	pack	3	Ink, T05C2, Cyan
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
1.10			System RIPS Original Pigment Inks)
149	pack	3	Ink, T05C3, Magenta
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
450		_	System RIPS Original Pigment Inks)
150	packs	3	Ink, T05C4, Yellow
			(for Epson C878R WorkForce Pro A3 Colour
			Multifunction Printer, Replaceable Ink Pack
			System RIPS Original Pigment Inks)
151	box	2	Ink, Yellow C13T05A400 for Epson Copier
			ProWF-C878R
152	unit	1	K-3 thermo Scanner with Dispenser and
			Heavy Duty Stand
153	unit	2	Labelling Printer
			Technology: Thermal Transfer
			Tape Width Capacity: at least 6, 9, 12, 18, 24
			mm
			Tape is humidity resistant, scratch resistant,
			temperature resistant, and waterproof
			Connectivity: USB, Bluetooth
			QR Code Generator: Capable
			Barcodes: 14 types (Code 128, Code 39, Data
			Matrix, EAN-128, EAN-13, EAN-8, GS1-128,
			GS1-DataBar, ITF, MaxiCode, PDF417, QR
			Code, UPC-A, UPC-E)
			Cutter: Automatic Full Cut Function
			Power: AC or Battery
			Compatibility: Windows Vista, 7, 8, 8.1, 10, Mac
			OSX 10.6 or later
			Inclusions: 5 different sizes of compatible tapes
154	piece	1	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
155	unit	12	LED Illuminated "EXIT" Sign, no arrows
			Design Label: Red font in brushed white
		Ì	I to a standard and
			background
			background Illumination: Bright Red LED, High Brightness

			Label: Single face
			Wattage: at least 4 watts
			Burning Time: at least 90 minutes
			Material: Aluminum Housing + Glass Panel
			Input Voltage: AC 220V – 240V 50/60 Hz
			Battery Type: ni-cd battery
			Mounting accessories included
			Dimension: at least 12" x 8" x 2"
			Compliance: UL 924, NEC and NFPA 101 Life
			Safety Code or equivalent
			LED Illuminated "Running Man" Sign with
156	unit	6	Left & Right Arrows and word "EXIT" below
			Design Label: Red font in brushed white
			background
			Running Man with Left and Right arrows and
			word "EXIT" below
			Illumination: Bright Red LED, High Brightness
			LED SMD
			Label: Double face
			Wattage: at least 4 watts
			Burning Time: at least 90 minutes
			Material: Aluminum Housing + Glass Panel
			Input Voltage: AC 220V – 240V 50/60 Hz
			Battery Type: ni-cd battery
			Mounting accessories included
			Dimension: at least 12" x 5" x 2"
			Compliance: UL 924, NEC and NFPA 101 Life
			Safety Code or equivalent
			LED Illuminated "Running Man" Sign with
157	unit	1	Right Arrow and word "EXIT" on the left
			Design Label: Red font in brushed white
			background
			Arrows: Running Man sign with Right arrow and
			EXIT word on the left
			Illumination: Bright Red LED, High Brightness
			LED SMD
			Label: Double face
			Wattage: at least 4 watts
			Burning Time: at least 90 minutes
			Material: Aluminum Housing + Glass Panel
			Input Voltage: AC 220V – 240V 50/60 Hz
			Battery Type: ni-cd battery
			Mounting accessories included
			Dimension: at least 12" x 5" x 2"
			Compliance: UL 924, NEC and NFPA 101 Life
			Safety Code or equivalent
158	nc	2	Memory, DDR4 (16GB)
100	рс		©2x8GB 2400Mhz DDR4
			Non-ECC CL15 DIMM Document DAM with heat appead or a
150	ninan	0	©Desktop Memory RAM with heat spreaders
159	pieces	2	Power Supply, 300 watts, ATX w/ ATXcasing
160	unit	2	Printer, computer, continuous ink system, 3-
			in-1 (Print, Scan, Xerox copy, wifi)
			Print Method: On-demand ink jet (piezoelectric)
			Minimum Ink Droplet Volume:3 pl
			Print Direction: Bi-directional printing, Uni-
	1		Larrectional printing
			directional printing Nozzle Configuration: 180 nozzles Black, 59

	1		
			nozzles per colour (Cyan, Magenta, Yellow)
			Maximum Resolution: 5760 x 1440 dpi (with
			Variable-Sized Droplet Technology)
			USB: USB 2.0
			Network: Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
			Network Protocol: TCP/IPv4, TCP/IPv6
161	unit	8	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)
			■Tank Ink System
			■Printer Type: Print, Scan and Copy
			■Scanner Type: Flatbed colour image scanner
			■Sensor Type: CIS
			■Optical Resolution: 600 x 1200 dpi
			■Copy Speed: Maximum Copies from
			Standalone: 20 copies
			■Maximum Copy Size: A4, Letter
_			■ISO 29183, A4 Simplex Flatbed (Black /
			Colour): Up to 7.0 ipm / 1.7 ipm
			■Max Copy Resolution: 300 x 300 dpi
			■Paper Handling: Up to 20 Sheets-Premium
			Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard
			■Output Capacity: Up to 30 sheets
			■A4 plain paper: 20 sheets, Premium Glossy
			Photo Paper
			■Maximum Paper Size: 215.9 x 1200 mm (8.5 x
			47.24")
			Nozzle Configuration: 180 x 1 nozzles Black,
			59 x 1 nozzles per colour (Cyan, Magenta,
			Yellow)
			■Print Direction: Bi-directional printing
			■Maximum Print Resolution: 5760 x 1440 dpi
			(with Variable-Sized Droplet Technology)5760 x
			1440 dpi (with Variable-Sized Droplet
			Technology)
			■Minimum Ink Droplet Size: 3 pl
162	pieces	15	Ribbon Cartridge EPSON S015639
			for EPSON LQ-310 printer
163	pcs	2	Solid State Drive, 120 GB
			120GB storage capacity
			Serial ATA Revision 3.0 interface
			Sequential read speeds up to 520MB/sec.
			Shock-resistant design
			Wide-ranging compatibility
164	рс	6	Speaker, for PC, 2.1 (Speaker with Subwoofer)
			■Power Output : rms 4.5w×2 sw: 12w
			■ Signal to noise ratio: 80dba
			■Signal to Holse ratio : 80dba ■Frequency Response : 80hz~20khz (±6db)
			■ Requertey Response: 80112*20KH2 (±00b) ■ R/I: 300±50mv sw: 100 ± 20mv
			■Aux/USB/SD card
			Bass driver :4 inch
			■Bass driver :4 inch ■Treble driver :2 3/4 inch
165	unit	3	Surge Supressor 6 outlets
100	unit	3	
			■Maximum capacity: 2500W ■Voltage Surge Protector (protects appliances
			from voltage spikes)
			■6 Neon Switch
			BO NEON SWILCH

	, ,		1
			■1 Circuit Breaker (protects appliance from
			overload or short circuit)
			■3 Two-Prong Outlets
			■3 Three-Prong Outlets w/ Grounding
			■90 degree outlet orientation
			■With line/noise filter
			■Royal Cord #16/3 (5.00 meters)
			Metal casing
400		•	Toner, NPG 67, Black for Canon C3320
166	pieces	3	Image Runner Advance (photocopier,
			printer/scanner) machine
407	n:	2	Toner, NPG 67, Cyan for Canon C3320 Image
167	pieces	3	Runner Advance (photocopier, printer/scanner) machine
			Toner, NPG 67, Magenta for Canon C3320
168	niocos	3	Image Runner advance (photocopier,
100	pieces	3	printer/scanner)machine
			Toner, NPG 67, Yellow for Canon C3320
169	pcs	3	Image Runner Advance (photocopier,
103	Pos	5	printer/scanner) machine
			Universal HDMI to VGA Adapter Cable, at
170	unit	3	least 1.8 meters
171	pcs	6	UPS Battery, Generic, 17Ah
	Poo		Voltage: 12V
			Capacity: 17Ah
			Battery Type: Sealed Lead Acid Maintenance
			Free
172	pcs	6	UPS Battery, Generic, 7.2Ah
	F		Voltage: 12V
			Capacity: 7.2Ah
			Battery Type: Sealed Lead Acid Maintenance
			Free
173	pcs	6	UPS Battery, Generic,12Ah
			Voltage: 12V
			Capacity: 12Ah
			Battery Type: Sealed Lead Acid Maintenance
			Free
174	unit	1	Video Camera
			TYPE: Handheld and lightweight
			SENSOR TYPE: 1/5.8 type (3.1 mm) (0.12 in)
			back-illuminated Sensor
			EFFECTIVE PIXELS (VIDEO): approx. 2.29
	<u> </u>		Megapixels (16:9)
			LENS TYPE: ZEISS
			OPTICAL ZOOM: at least 30x
			CLEAR IMAGE ZOOM: at least 60x
			SCREEN TYPE: at least 6.7 cm (2.7 type) Clear
	<u> </u>		Photo LCD display (230 400 dots) Wide (16:9)
			STORAGE MEDIA: XAVC S HD: Micro SDXC
			Memory Card (Class 10 or Higher), AVCHD,
			Still: Memory Stick Micro™ (Mark 2), Micro
			SD/SDHC/SDXC Memory Card (Class 4 or
			Higher)
			AUDIO: Built-in microphone
			AUDIO RECORDING FORMAT: Dolby Digital
			2ch Stereo, Dolby Digital Stereo Creator10,
			MPEG-4 AAC-LC 2ch11, MPEG-4 Linear PCM
			2ch (48 kHz/16 bit), etc.
	1		RECORDING FORMAT (VIDEO): AVCHD

			format ver. 2.0 compatible: MPEG4-AVC/H.264,	
			MP4: MPEG-4 AVC/H.264, XAVC S format	
			MPEG4-AVC/H264	
			INCLUSIONS: Storage media card, battery,	
			connection chords	
175	unit	1	Video Card	
			CUDA Cores at least 768	
			Core Speed: at least 1290 MHz	
			Boost Speed: at least 1392 MHz	
			Memory Size: at least 4GB GDDR5	
			Memory Interface: at least 128-bit	
			Memory Frequency: at least 7 Gbps	
			TDP: at least 75 Watts	
			Multi-Screen Support: Yes	
			Resolution:7680X4320@60hz Digital	
			Bus Type: PCI Express 3.0 16x	
176	unit	1	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)	1
			■Type of service (ToS) (RFC 791, 1349)	1
			■VLAN tagging 802.1p/Q: Layer 2 quality of	1
			service (QoS)	
			Simple Network Time Protocol (SNTP) (RFC	
			2030)SIP version 2 (RFC 3261, 3262, 3263,	
			3264)	
			SPCP with the Cisco Unified Communications	1
			500 Series	
			■SIP proxy redundancy: dynamic via DNS SRV,	
			A records	
			■Reregistration with primary SIP proxy server	
			■SIP support in NAT networks (including	1
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STUN) SIPFrag (RFC 3420) Secure (encrypted) calling via SRTP Codec name assignment Voice algorithms: SC.716 (16/24/32/40 kbps) SC.726 (16/24/32/40 kbps) SC.726 (16/24/32/40 kbps) SC.729 Solynamic payload support Adjustable audio frames per packet Suparnic payload support with interdigit timers Plexible dial plan support with interdigit timers SIP address/URI dialing support SCall progress tone generation Sultter buffer: adaptive Frame loss concealment Comfort Noise Generation (CNG) Solice activity detection (VAD) with silence suppression Attenuation/gain adjustments WMWI Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE Caller ID support (name and number) SThird-party call control (RFC 3725) Schould be compatible with existing fleet of VSU IP Phones (N.B. VSU existing Fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop School af Godgrees, rotate up and down 45 degrees, you can adjust the angle. School pression: School pression audit in and down 45 degrees, you can adjust the angle. School pression: School pression audit in an incrophone Ink, Epson Ty481 XL for WF-C878R Printer, Cyan Ink, EPSON Ty481 XL for WF-C878R Printer, C					
■Secure (encrypted) calling via SRTP ■Code cname assignment ■Voice algorithms: ■G.726 (16/24/32/40 kbps) ■G.726 (16/24/32/40 kbps) ■G.729				STUN)	
## Woice algorithms: ## Woice algorithms: ## G.711 (A-law and µ-law) ## G.726 (16/24/32/40 kbps) ## G.729 A ##					
Wolce algorithms: WG.711 (A-law and µ-law) WG.726 (16/24/32/40 kbps) WG.726 (16/24/32/40 kbps) WG.726 (16/24/32/40 kbps) WG.726 (16/24/32/40 kbps) WG.729 A WG.722 WDynamic payload support WAdjustable audio frames per packet WDual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO) WFlexible dial plan support with interdigit timers WIP address/URI dialing support WCall progress tone generation WJitter buffer: adaptive WFrame loss concealment WComfort Noise Generation (CNG) WVoice activity detection (VAD) with silence suppression WAIT with a wold with a wind with a wind wind in the wold will be compatible with existing fleet of vSU IP Phones (N.B. VSU existing Fleet is CISCO) Web Camera for Laptop and Desktop WABOUT 360 degrees, rotate up and down 45 degrees, you can adjust the angle. WVITT clips for laptops and desktops. WSITT clips for laptops an					
■G.711 (Ā-law and μ-law) ■G.726 (16/24/32/40 kbps) ■G.729 (16/24/32/40 kbps) ■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 (N.B. VSU existing fleet of VSU IP Phones (N.B. VSU existing fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop ■About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ■With clips for laptops and desktops. ■Sensor pixels: 2 million ■Interface: USB 2.0 ■Frame rate: 30 FPS ■Balmage sensor: CMOS ■Brightness/color: automatically adjusts ■Additional features: built-in microphone 178 btls 1 Ink, Epson Premium Dye Ink, 1 liter, black Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Yellow What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Vicioo Recorder 2 4 Units Bullet Type Camera (DS-2CE56DOT-IRPF) 3 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
SC.726 (16/24/32/40 kbps) SC.729 A SC.729 A SC.729 A SC.722 SC.722 SC.729 A SC.722 SC.729 A SC.722 SC.724 SC.722 SC.724 SC.724 SC.725 SC.725 SC.726				<u> </u>	
■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 (N.B. VSU existing Fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop ■About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ■With clips for laptops and desktops. ■Sensor pixels: 2 million ■Interface: USB 2.0 ■Frame rate: 30 FPS ■Image sensor: CMOS ■Brightness/color: automatically adjusts ■Additional features: built-in microphone 178 bits 1 lnk, Epson Premium Dye Ink, 1 liter, black 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 182 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: 1 Units Dome Type Camera (DS-2CE56DOT-IRPF) 1 Units Dome Type Camera (DS-2CE56DOT-IRPF) 1 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
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Madjustable audio frames per packet				© G.722	
## Boual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO) ## ## ## ## ## ## ## ## ## ## ## ## ##					
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 (N.B. VSU existing Fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop ■About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ■With clips for laptops and desktops. ■Sensor pixels: 2 million ■Interface: USB 2.0 ■Frame rate: 30 FPS ■Image sensor: CMOS ■Brightness/color: automatically adjusts ■Additional features: built-in microphone 178 btts 1 Ink, Epson Premium Dye Ink, 1 liter, black Ink, Epson Pysels XL for WF-C878R Printer, Cyan 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Magenta 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 1 Units Dome Type Camera (DS-2CE16DOT-IRPF) 1 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
Image: Second of the composition of the compositi					
■ Paddress/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 (N.B. VSU existing Fleet is CISCO) ■ Meb Camera for Laptop and Desktop ■ About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ■ With clips for laptops and desktops. ■ Sensor pixels: 2 million ■ Interface: USB 2.0 ■ Frame rate: 30 FPS ■ Image sensor: CMOS ■ Brightness/color: automatically adjusts ■ Additional features: built-in microphone 178 btls 1 Ink, Epson Premium Dye Ink, 1 liter, black Ink, EPSON T9481 XL for WF-C878R Printer, Black 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 1 Units Dome Type Camera (DS-2CE16DOT-IRPF) 1 Units Dome Type Camera (DS-2CE16DOT-IRPF)					
Interpretation Inte					
### Builter buffer: adaptive ### Frame loss concealment ### Comfort Noise Generation (CNG) ### Voice activity detection (VAD) with silence suppression #### Attenuation/gain adjustments #### Attenuation/gain adjustments ### Attenuation/gain adjustments ### ANOTIFY, SUBSCRIBE ### Caller ID support (name and number) ### Third-party call control (RFC 3725) ### Should be compatible with existing fleet of VSU IP Phones (N.B. VSU existing Fleet is CISCO) ### CISCO) ### 177 pcs 6 Web Camera for Laptop and Desktop ### About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ### With clips for laptops and desktops. ### Sensor pixels: 2 million ### Interface: USB 2.0 ### Frame rate: 30 FPS ### Image sensor: CMOS ### Image sensor: CMOS ### Interface: USB 2.0 ###					
■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 (N.B. VSU existing Fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop ■About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ■With clips for laptops and desktops. ■Sensor pixels: 2 million ■Interface: USB 2.0 ■Frame rate: 30 FPS ■Image sensor: CMOS ■Brightness/color: automatically adjusts ■Additional features: built-in microphone 178 btls 1 Ink, Epson Premium Dye Ink, 1 liter, black Ink, EPSON T9481 XL for WF-C878R Printer, Black 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Magenta 182 tube 5 Ink. EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 4 Units Bullet Type Camera (DS-2CE16DOT-IRPF) 4 Units Dome Type Camera (DS-2CE56DOT-IRPF) 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
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### Woice activity detection (VAD) with silence suppression ####################################			1		
Suppression Attenuation/gain adjustments WMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE GCaller ID support (name and number) Third-party call control (RFC 3725) Should be compatible with existing fleet of VSU IP Phones (N.B. VSU existing Fleet is CISCO) Web Camera for Laptop and Desktop About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. With clips for laptops and desktops. Sensor pixels: 2 million Interface: USB 2.0 Frame rate: 30 FPS Image sensor: CMOS Brightness/color: automatically adjusts Additional features: built-in microphone Ink, EPSON T9481 XL for WF-C878R Printer, Black Ink, EPSON T9481 XL for WF-C878R Printer, Magenta Ink, EPSON T9481 XL for WF-C878R Printer, Magenta Ink, EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 4 Units Bullet Type Camera (DS-2CE16DOT-IRPF) 4 Units Dome Type Camera (DS-2CE56DOT-IRPF) 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
### Attenuation/gain adjustments #### WMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE ###################################					
■ WMWI - 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 (N.B. VSU existing Fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop ■ About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ■ With clips for laptops and desktops. ■ Sensor pixels: 2 million ■ Interface: USB 2.0 ■ Frame rate: 30 FPS ■ Image sensor: CMOS ■ Brightness/color: automatically adjusts ■ Additional features: built-in microphone 178 btls 1 Ink, EPSON T9481 XL for WF-C878R Printer, Black 179 tube 10 Ink, EPSON T9481 XL for WF-C878R Printer, Black 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Magenta 182 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: • 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder • 4 Units Bullet Type Camera (DS-2CE16DOT-IRPF) • 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
NOTIFY, SUBSCRIBE ©Caller ID support (name and number) ©Third-party call control (RFC 3725) ©Should be compatible with existing fleet of VSU IP Phones (N.B. VSU existing Fleet is CISCO) 177 pcs 6 Web Camera for Laptop and Desktop ©About 360 degrees, rotate up and down 45 degrees, you can adjust the angle. ©With clips for laptops and desktops. ©Sensor pixels: 2 million ©Interface: USB 2.0 ©Frame rate: 30 FPS ©Image sensor: CMOS ©Brightness/color: automatically adjusts ©Additional features: built-in microphone 178 btls 1 Ink, EPSON T9481 XL for WF-C878R Printer, Black Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Magenta Ink. EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 1 Units Dome Type Camera (DS-2CE56DOT-IRPF) 1 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
Caller ID support (name and number)					
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180 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Magenta 182 tube 5 Ink. EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 1 Units Bullet Type Camera (DS-2CE16DOT-IRPF) 1 Units Dome Type Camera (DS-2CE56DOT-IRPF)					
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180 tube 5 Cyan 181 tube 5 Ink, EPSON T9481 XL for WF-C878R Printer, Magenta 182 tube 5 Ink. EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: • 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder • 4 Units Bullet Type Camera (DS-2CE16DOT-IRPF) • 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)	400	4 1.	_		
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181 tube 5 Magenta 182 tube 5 Ink. EPSON T9481 XL for WF-C878R Printer, Yellow VSU TOLOSA FOB VSU Tolosa campus 183 set 1 CCTV Package with Mobile View What's in the Box: 1 Unit 8-Channel (DS-7208HGHI-K1) Digital Video Recorder 1 Units Bullet Type Camera (DS-2CE16DOT-IRPF) 1 Units Dome Type Camera (DS-2CE56DOT-IRPF)	104	4	-		
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Video Recorder • 4 Units Bullet Type Camera (DS-2CE16DOT-IRPF) • 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)	(a. Ca. Ca.	Micon Micon	***		
• 4 Units Bullet Type Camera (DS-2CE16DOT-IRPF) • 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)	(6,6,6	000			
IRPF) • 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)	-001		1080p		
• 4 Units Dome Type Camera (DS-2CE56DOT-IRPF)			2MP		
IRPF)		- /·		/	
(EAX)	42	8X 2			
• 8 pcs video & power cable (60Ft)	B 14	W	T	,	
				● 8 pcs video & power cable (60Ft)	

			1pc all-in-one power adaptor
			• Mouse
			Instruction Manual
			Camera Features:
			2.0 Megapixel High Performance CMOS
			Turbo HD Output
			Up to 1080P Resolution
			True Day / Night, DNR, Smart IR
			Up to 20m Distance
			IP66 Weatherproof (bullet camera)
			with after sales service and warranty
184	unit	1	Office Phone
			Display: 6.4 "Dynamic AMOLED Touchscreen
			Resolution: 3040x 1440 pixels
		15	Processor: Snapdragon 855
			Storage: 128GB
			• RAM memory: 8GB
			• Camera: Triple, 12 MP (f / 1.5 and f / 2.4)
	0		• Front Camera: 10 MP (f / 1.9)
	200		Battery: 4001mAh (non-removable)
			Operating System: Android 11
			with after sales service and warranty

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

1 1 D	cluss 11 Documents
<u>Legal Do</u>	
\Box (a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
(b)	or 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 & (d	: If the bidder submits item (a), bidder may not submit requirements (b), (c)).
Taalmiaa	I Do our outo
	<u>l Documents</u>
(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 <u>at least 50% of the ABC</u> or
	at least One Million Seven Hundred Eighty-Seven Thousand Nine
	Hundred Seventy-Two and 57/100 Pesos (PhP 1,787,972.57);
	Statement of at least two (2) similar completed contracts, the aggregate
	amount of which should be equivalent to <u>at least 50% of the ABC</u> or at least
	One Million Seven Hundred Eighty-Seven Thousand Nine Hundred
	Seventy-Two and 57/100 Pesos (PhP 1,787,972.57) and the largest of these
	similar contracts must be equivalent to at least half of the said aggregate
	amount or at least Eight Hundred Ninety-Three Thousand Nine Hundred Eighty-Six and 29/100 Pesos (PhP 893,986.29); and
(h)	Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
	<u>or</u>
	Original copy of Notarized Bid Securing Declaration; and
(i)	Conformity with the Technical Specifications; <u>and</u>
(j)	Schedule of Requirements/production and delivery schedule; <u>and</u>
☐ (k)	Manpower requirements; and
	After-sales service/parts; and
1 1	

	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.
	to its officer to sign the obs and do dets to represent the Bidder.
<u>Financia</u>	l Documents
\bigcap (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 3,575,945.14);
	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 357,595.00).
	of its NPCC computation (at least 10% of ABC of Fift 337,393.00).
II FINANC	IAL COMPONENT ENVELOPE
	Original of duly signed and accomplished Financial Bid Form; and
(a)	· · · · · · · · · · · · · · · · · · ·
(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	PhilGEPS
	(Platinum)	
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	Statement of On-Going
	& Private Contracts	Contracts
6.	Statement of Bidder's Single Largest	SLCC
	Completed Contract	
7.	Statement of at least two (2) similar	Statement of Completed
	completed contracts	Contracts
8.	Bid Security	Bid Security
9.	Technical Specifications	Technical Specifications
10.	SCHEDULE of	Schedule of Requirements
	Requirements/Production and	
	delivery schedule	
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 (March 14, 2022; 1:30 PM).



