



VISAYAS
STATE UNIVERSITY

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Supply and Delivery of I.T. Equipment and Supplies and Office Equipment (GOODS-22-29)

Government of the Republic of the Philippines

**June 15, 2022; 9:00 AM
PPO Conference, Lower Campus, VSU, Visca, Baybay City,
Leyte and via Zoom**

**Sixth Edition
July 2020**

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	3
Section I. Invitation to Bid.....	6
Section II. Instructions to Bidders.....	37
1. Scope of Bid	38
2. Funding Information.....	38
3. Bidding Requirements	38
4. Corrupt, Fraudulent, Collusive, and Coercive Practices	38
5. Eligible Bidders.....	38
6. Origin of Goods	39
7. Subcontracts	39
8. Pre-Bid Conference	39
9. Clarification and Amendment of Bidding Documents	39
10. Documents comprising the Bid: Eligibility and Technical Components	39
11. Documents comprising the Bid: Financial Component	40
12. Bid Prices	40
13. Bid and Payment Currencies	41
14. Bid Security	41
15. Sealing and Marking of Bids	41
16. Deadline for Submission of Bids	41
17. Opening and Preliminary Examination of Bids	42
18. Domestic Preference	42
19. Detailed Evaluation and Comparison of Bids	42
20. Post-Qualification	43
21. Signing of the Contract	43
Section III. Bid Data Sheet	44
Section IV. General Conditions of Contract	46
1. Scope of Contract	47
2. Advance Payment and Terms of Payment	47
3. Performance Security	47
4. Inspection and Tests	47
5. Warranty	48
6. Liability of the Supplier	48
Section V. Special Conditions of Contract	49
Section VI. Schedule of Requirements	53
Section VII. Technical Specifications	81
Section VIII. Checklist of Technical and Financial Documents	110

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

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

CDA - Cooperative Development Authority.

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

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

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

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

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

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

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

UN – United Nations.

Section I. Invitation to Bid



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

- The *Visayas State University* through the *GF, STF, TF* intends to apply the sum of *Three Million Three Hundred Forty-One Thousand Nine Hundred Forty-Two Pesos (PhP 3,341,942.00)* being the ABC to payments under the contract for *Supply and Delivery of I.T. Equipment and Supplies and Office Equipment (GOODS-22-29)*. 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 (Pesos)	Total ABC (Pesos)
1	75-inch Smart Quantum 4K TV with FREE Soundbar and Wall Bracket	unit	1	95,000.00	95,000.00
	Display Size (inches)				
	75				
	TV Resolution				
	4K UHD				
	Ports Input				
	HDMI,USB				
	Smart TV OS				
	VIDAA				
	TV Technology				
	LED				
	Warranty Type				
	Local Supplier Warranty				
2	Aircon, Window Type, 2HP	unit	3	40,000.00	120,000.00
	Cooling Capacity hp: 2.0, kJ/h 19,100				
	Power Input W: 1,640				
	EER kJ/hW: 11.6				
	Noise Level Indoor (Low) dB A: 48				
	Power Source: V/Phase Hz 230 V, 1Ø				
	Phase - 60 Hz				
	Refrigerant: R32				
	Anti-bacterial filter				
	12-hour off timer				
	Automatic condensate removal				
3	Automatic Voltage Regulatory (AVR), 1500W, heavy duty	unit	1	5,000.00	5,000.00
	☐Input: 220volts				
	☐Power: 1500watts				
	☐Output: 110-220 volts				
	☐Range voltage 120v-220 volts				
	☐Servo motor controlled				

4	CCTV IP Camera	pcs	6	3,192.00	19,152.00
	■2MP WDR, with Built-in Mic				
	■12v, DC				
	■30m IR range,				
	■1920x1080 Max. Resolution				
	■Dome Type				
	■2.8/4mm fixed lens				
5	Computer Printer, All-in-One/Multifunction Colored-Ink Tank	unit	3	14,000.00	42,000.00
	■Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour				
	■Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles				
	■Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices				
	■3-in-1: Print, copy & scan and borderless photo printing				
	■Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color				
	■Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology				
	■Ink Technology: Dye Ink				
	■Printing Resolution: 5,760 x 1,440 DPI				
6	Desktop Computer (i3)	set	1	30,000.00	30,000.00
	■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				
	■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				
7	Document Scanner w/ ADF	unit	1	40,000.00	40,000.00
	■Flatbed Colored Document Scanner				
	■Combining a flatbed scanner with the convenience of a 50-page ADF				
	■Quickly scan stacks of documents up to 8.5" x 14"				
	■Resolution: 1200 x 1200 dpi				
8	Epson 001 ink, Black, 127ml, Genuine	btls	20	600.00	12,000.00
9	Epson 001 ink, Cyan, Genuine	btls	20	350.00	7,000.00
10	Epson 001 ink, Magenta, Genuine	btls	20	350.00	7,000.00

11	Epson 001 ink, Yellow, Genuine	btls	20	350.00	7,000.00
12	External Hard Disk Drive (Portable, 2TB), 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				
13	External Hard Disk Drive, (Portable 500GB), USB 3.0	pc	1	3,500.00	3,500.00
	■Hard Drive Type:2.5" HDD				
	■USB Interface: USB 3.0				
	■Capacity:500GB				
14	HDMI to HDMI, Shielded	unit	2	600.00	1,200.00
	High-speed HDMI to HDMI cable,				
	Works with HDTVs, digital cameras/camcorders, MP3 players, and other HDMI devices				
	Supports Ethernet, 3D, and Audio Return				
	Meets HDMI 1.4 specifications; shielded to defend against interference				
	Cable length:10 Meters				
15	Headset with Noise Cancelling Mic	unit	1	1,800.00	1,800.00
	■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				
16	Ink, Epson 003,Genuine Black 65mL	btl	110	350.00	38,500.00
17	Ink, EPSON 003,Genuine Cyan 65mL	btl	64	350.00	22,400.00
18	Ink, EPSON 003,Genuine Magenta 65mL	btl	64	350.00	22,400.00
19	Ink, EPSON 003,Genuine Yellow 65mL	btl	54	350.00	18,900.00
20	Ink, Epson, genuine (C) T664, 70 ml	pcs	28	350.00	9,800.00
21	Ink, Epson, genuine (M) T664, 70 ml	pcs	28	350.00	9,800.00
22	Ink, Epson, genuine, (BK) T664, 70 ml	pcs	85	350.00	29,750.00
23	Ink, Epson, genuine, (Y) T664, 70 ml	pcs	29	350.00	10,150.00
24	LCD Projector SVGA (800x600)	unit	1	25,000.00	25,000.00
	■Projection System: 3LCD Technology, RGB liquid crystal shutter				
	■Resolution: SVGA (800x600), 4:3				
	■Light Output: 3,300 Lumen-				

	2,050 Lumen (economy)				
	■ Contrast Ratio: 15,000:1				
	■ Lamp: 210 W				
	■ Lamp Hours: 6,000-10,000				
25	LCD Projector, XGA (1024x768)	unit	2	27,000.00	54,000.00
	■ Projection Method: Front/rear/ceiling mount				
	■ Pixel Number: at least 786,432 dots (1024 x 768) x 3				
	■ Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4				
	■ Aspect ratio: 4:3				
	■ Lamp Life: ECO Mode up to 5000 hrs				
	■ Normal Mode up to 4000 hrs				
	■ Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)				
	■ Keystone Correction: Manual				
	■ USB Plug 'n Play: Compatible w/ PC and MAC computers				
	■ Contrast Ratio: 15.000 : 1				
	■ Color Reproduction: 16.77 million color				
26	Mini Vault / Steel Security Safe (.50 Cu Ft.) - Digital Lock	unit	1	14,000.00	14,000.00
	SPECIFICATION				
	Weight: 23.4 lbs.				
	Programmable Digital Lock with LED Display				
	Pre-Drilled Holes & Mounting Kit Included				
	0.50 cu ft Interior Storage Capacity				
	Two Motorized Locking Door Bolts				
	Concealed Hinges & Recessed Door				
	Includes 1 Removable Shelf				
	Flat Bottom Door Entryway				
	Carpeted Floor prevents scratching of valuables				
	Override Access Keys (2 Included)				
27	Mouse, Wired, Optical, USB	pcs	3	210.00	630.00
	■ USB Port Connectivity				
	■ Sensor: Optical				
	■ DPI: 1600				
	■ Work method: Wired				
	■ Buttons: Left button, middle button, right button				
	■ Scroll wheel direction: Two way				
	■ Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design				
28	Office chair, with arm rest	pc	3	5,000.00	15,000.00
	■ at least (580mmx600mx890-990mm)				
	■ Butterfly Mechanism = 360 Degree Swivel Seat				

	☐Backrest: Polypropylene (Pp) Plastic With New Foam Covered With Mesh Fabric				
	☐Seat: Plywood Seatpad With Injection Molded Foam, Covered With Polyester Fabric				
	☐Arm: Polypropylene plastic				
	☐Base: Chrome finish, Adjustable lumbar support, pneumatic seat height adjustment				
29	Portable Pressure Washer Power Sprayer	unit	3	7,000.00	21,000.00
	Voltage: 220-240 V				
	Frequency: 50/60 Hz				
	Rated Power: 1,200 W				
	Rated Pressure: 70 bar				
	Maximum Pressure: 100 bar				
	Rated Flow: 5.5 L/min				
	Maximum Pressure Water Supply: 1.2 M Pa				
	Maximum Water Temperature: 50 C				
	Sound Pressure Level: 81 dB				
	Sound Power Level: 92 dB				
30	Printer, Ink Tank, Print Only	unit	3	8,000.00	24,000.00
	☐Printing Technology: On-demand inkjet (Piezoelectric)				
	☐Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
	☐Print Direction: Bi-directional printing				
	☐Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
	☐Minimum Ink Droplet Size: 3 pl				
	☐Compact integrated tank design				
	☐High yield ink bottles				
	☐Spill-free, error-free refilling				
	☐Borderless printing up to 4R				
31	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	unit	4	11,000.00	44,000.00
	☐Tank Ink System				
	☐Printer Type: Print, Scan and Copy				
	☐Scanner Type: Flatbed colour image scanner				
	☐Sensor Type: CIS				
	☐Optical Resolution: 600 x 1200 dpi				
	☐Copy Speed: Maximum Copies from Standalone: 20 copies				
	☐Maximum Copy Size: A4, Letter				
	☐ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm				
	☐Max Copy Resolution: 300 x 300 dpi				

	■Paper Handling: Up to 20 Sheets-Premium Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard				
	■Output Capacity: Up to 30 sheets				
	■A4 plain paper: 20 sheets, Premium Glossy Photo Paper				
	■Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")				
	■Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
	■Print Direction: Bi-directional printing				
	■Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
	■Minimum Ink Droplet Size: 3 pl				
32	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter	unit	1	10,000.00	10,000.00
	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter				
33	Ribbon Cartridge, Epson FX1170 S015520 #8755	box	2	600.00	1,200.00
34	Selfie LED Ring Light 10" with Tripod	unit	5	500.00	2,500.00
	Material: ABS+ aluminum alloy				
	Lighting: warm and cold light				
	Modes: three color light adjustment (can adjust brightness)				
	Working temperature: less than 45°C, no hot hazard, safe to touch				
	Tripod stand height: up to 210cm				
35	Unifi 500W PoE+ Switch	unit	4	35,000.00	140,000.00
	■24 ports PoE+ Switch 500W				
	■Network Interfaces: (24) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports				
	■Management Interface: (1) RJ45 Serial Port Out-of-Band, Ethernet In-Band				
	■Total Non-Blocking Throughput: 26 Gbps				
	■Switching Capacity: 52 Gbps				
	■Forwarding Rate: 38.69 Mpps				
	■MAC Address Table: 16384				
	■Maximum Aggregations: 6				
	■Monitoring Sessions 1; Maximum VLANs 255				
	■Power Method 100-240VAC/50-60 Hz, Universal Input				
	■Power Supply AC/DC, Internal, 500W DC				
	■Max. Power Consumption: Including				

	PoE				
	■Output: 500W Excluding PoE Output: 30W;				
	■ESD/EMP Protection Air: ± 24 kV, Contact: ± 24 kV				
	■Shock and Vibration ETSI300-019-1.4 Standard				
	■Operating Temperature -5 to 40° C (23 to 104° F)				
	■Operating Humidity 5 to 95% Noncondensing				
	■Certifications CE, FCC, IC				
	■PoE Interfaces PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-)				
	■Max. PoE+ Wattage per Port by PSE 34.2W				
	■Voltage Range 802.3at Mode 50–57V				
	■Max. Passive PoE Wattage per Port 17W				
	■24V Passive PoE Voltage Range 20-27V				
	■Should be compatible with existing Unifi Controller of the University				
	■1-year warranty				
36	UPS, 1000 VA	unit	3	4,000.00	12,000.00
	■1000VA/600W capacity				
	■Frequency Range: 60 Hz				
	■Freq. Range (Batt. Mode): 60 Hz ± 1 Hz				
	■Transfer Time: Typical 4-8 ms				
	■Waveform (Batt. Mode): Simulated Sine Wave				
	■Back-up Runtime: 10-15 mins				
	■Voltage: 220 VAC				
	■Voltage Range: 162-270 VAC				
37	UPS, 650VA, Universal Sockets	pc	2	2,800.00	5,600.00
	Output Power Capacity: 325 Watts/650VA				
	Output Frequency: 50/60 Hz +/-1 Hz				
	Output Connections: (2) Universal Receptacle				
	Nominal Input Voltage: 230V				
	Input Connections: NEMA 5-15P				
	Maximum Input Current: 5A				
	Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof				
	Recharging Time: 4 Hours				
38	USB Hub, 4 gangs	pcs	2	250.00	500.00
39	UTP Cable (300 meters), CAT 6 23 AWG	boxes	3	8,500.00	25,500.00
	■UTP Cable cat6				

	☐Cat 6 Cable UTP Unshielded AWG23				
	☐Gray Data LAN Cable				
	☐1000 feet 305m 1000ft.				
	☐must be UL listed & ISO certified cable				
40	Wireless Access Point	unit	7	9,900.00	69,300.00
	☐Networking Interface (1) 10/100/1000 Ethernet Port				
	☐Buttons Reset				
	☐Power Method 802.3af PoE				
	☐Power Supply UniFi Switch (PoE)				
	☐Power Save Supported				
	☐Beamforming Supported				
	☐Maximum Power Consumption 10.5W				
	☐Supported Voltage Range 44 to 57VDC				
	☐TX Power				
	☐2.4 GHz				
	☐5 GHz				
	☐23 dBm				
	☐26 dBm				
	☐MIMO				
	☐2.4 GHz				
	☐5 GHz				
	☐2x2				
	☐4x4				
	☐Radio Rates				
	☐2.4 GHz				
	☐5 GHz				
	☐300 Mbps				
	☐1733 Mbps				
	☐Antennas				
	☐2.4 GHz				
	☐5 GHz				
	☐(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each				
	☐(2) Single-Port, Dual-Polarity Antennas, 3 dBi each				
	☐Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2				
	☐Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF				
	☐BSSID 8 per Radio				
	☐Mounting Wall/Ceiling (Kits Included)				
	☐Operating Temperature -10 to 70° C (14 to 158° F)				
	☐Operating Humidity 5 to 95% Noncondensing				
	☐Certifications CE, FCC, IC				
	☐Advanced Traffic Management				
	☐VLAN 802.1Q				
	☐Advanced QoS Per-User Rate Limiting				
	☐Guest Traffic Isolation Supported				
	☐WMM Voice, Video, Best Effort, and				

	<i>Background</i>				
	▣Concurrent Clients 200+				
	▣Supported Data Rates (Mbps)				
	▣Standard Data Rates				
	▣802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps				
	▣802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)				
	▣802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)				
	▣58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)				
	▣802.11b 1, 2, 5.5, 11 Mbps				
	▣802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps				
	▣Should be compatible with existing UniFi Controller				
41	Desktop Computer (i7 Branded)	set	1	85,000.00	85,000.00
	▣CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher				
	▣HDD: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive				
	▣RAM: 8GB (8GBx1) DDR4 2666MHz				
	▣Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5				
	▣Screen: 23" IPS Monitor FHD				
	▣Optical Drive: No Optical Drive				
	▣OS: Windows 10 Home Single Language (64bit) English				
42	UPS, 1000 VA	pc	1	4,000.00	4,000.00
	▣1000VA/600W capacity				
	▣Frequency Range: 60 Hz				
	▣Freq. Range (Batt. Mode): 60 Hz ± 1 Hz				
	▣Transfer Time: Typical 4-8 ms				
	▣Waveform (Batt. Mode): Simulated Sine Wave				
	▣Back-up Runtime: 10-15 mins				
	▣Voltage: 220 VAC				
	▣Voltage Range: 162-270 VAC				
43	Web Camera for PC	pcs	5	2,500.00	12,500.00
	▣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				
44	Headset with Noise Cancelling Mic	pcs	2	1,800.00	3,600.00
	▣Input Impedance: at least 32 Ohms				
	▣Sensitivity (headphone):at least 94 dBV/Pa +/- 3 dB				
	▣Sensitivity (microphone): -17 dBV/Pa +/- 4 dB				
	▣Frequency response (Headset): 20 Hz - 20 KHz				
	▣Frequency response (Microphone): 100 Hz - 10 KHz				
	▣Cable Length: at least 7 ft				
	▣Connections: USB-A compatible (1.1, 2.0, 3.0), USB port 1Type A port or adapter				
45	Desktop Computer (Assembled), Intel Core i5	units	2	60,000.00	120,000.00
	▣Intel® Core™ i5-10400 Processor 12M Cache, up to 4.30 GHz (6 Cores and 12 Threads) or higher				
	▣Intel H470 Chipset Ultradurable mATX Motherboard				
	▣16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory				
	▣500GB NVME Solid State Drive				
	▣mATX Casing with 650W PSU 80 PLUS GOLD				
	▣Genuine Windows 10 Home Operating System				
	▣Gaming Keyboard and Optical Mouse				
	▣27" IPS Monitor with Frameless Bezel (Full HD with 75Hz Refresh Rate)				
	▣325WATTS/650VA Battery Backup & Surge Protector UPS				
46	Automatic Emergency Light LED	unit	2	1,900.00	3,800.00
47	Water Dispenser, Cabinet type	pc	3	10,000.00	30,000.00
	▣Floor standing				
	▣Hot and cold function				
	▣plastic body,high efficiency compressor				
	▣thermally protected				
48	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	3	3,000.00	9,000.00
	▣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				
49	Web Camera up to 4K with	pcs	2	10,000.00	20,000.00

	Omnidirectional 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				
50	Flash Drive, 128GB, USB 3.0	pc	1	1,500.00	1,500.00
	■Capacity: 128GB				
	■Interface: USB 3.0				
	■Speed: 100MB/s read, 10MB/s write				
51	Ink, Black C13T05A100 for Epson Copier ProWF-C878R	box of 50's	2	8,000.00	16,000.00
52	Ink, Cyan C13T05A200 Epson Copier ProWF-C878R	box of 50's	1	9,000.00	9,000.00
53	Ink, Magenta C13T05A300 for Epson Copier ProWF-C878R	box of 50's	1	9,000.00	9,000.00
54	Ink, Yellow C13T05A400 for Epson Copier ProWF-C878R	box of 50's	1	3,000.00	3,000.00
55	Flash Drive, at least 32GB USB 3.0	pcs	2	800.00	1,600.00
56	Rechargeable Wireless Keyboard and Mouse Set	unit	2	950.00	1,900.00
	■Rechargeable Office Wireless Keyboard and Mouse Set				
	■Size: 284*121*16.mm				
	■Weight: 280g				
	■Connection method: USB receiver/Bluetooth				
57	Hard disk 500GB, 7200rpm, for desk top computer	pc	1	4,650.00	4,650.00
58	Computer Monitor 24", IPS	set	2	10,000.00	20,000.00

	■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				
59	Desktop (Mini) System Unit (8 Core, M1 Chip)	unit	1	40,000.00	40,000.00
	Chip Apple M1 chip				
	8-core CPU with 4 performance cores and 4 efficiency cores				
	8-core GPU				
	16-core Neural Engine				
	8GB unified memory				
	256GB SSD				
	Operating System: macOS Monterey				
	Simultaneously supports up to two displays: One display with up to 6K resolution at 60Hz connected via Thunderbolt and one display with up to 4K resolution at 60Hz connected via HDMI 2.0				
	Native DisplayPort output over USB-C				
	HDMI 2.0 display video output				
	3.5mm headphone jack				
	HDMI 2.0 port supports multichannel audio output				
	Configurable to 10Gb Ethernet (Nbase-T Ethernet with support for 1Gb, 2.5Gb, 5Gb, and 10Gb Ethernet using RJ-45 connector)				
	Bluetooth 5.0 wireless technology				
	802.11ax Wi-Fi 6 wireless networking				
	IEEE 802.11a/b/g/n/ac compatible				
60	Tablet 10.9", 64GB, iPadOS, Wifi Only	unit	1	35,000.00	35,000.00
	■64GB Storage Capacity				
	■A14 Bionic chip with 64-bit architecture, Neural Engine				
	■10.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology				
	■2360-by-1640-pixel resolution at 264 pixels per inch (ppi)				
	■Wide color display (P3)				
	■True Tone display				
	■Fingerprint-resistant oleophobic coating				
	■Fully laminated display				
	■Antireflective coating				
	■12MP Wide camera				
	■f/1.8 aperture				

	■Five-element lens				
	■Hybrid IR filter				
	■4K video recording at 24 fps, 30 fps, or 60 fps				
	■1080p HD video recording at 30 fps or 60 fps				
	■Slo-mo video support for 1080p at 120 fps or 240 fps				
	■7MP photos				
	■f/2.2 aperture				
	■1080p HD video recording at 60 fps				
	■Wide color capture for photos and Live Photos				
	■Smart HDR				
	■Stereo speakers■Dual microphones for calls, video recording, and audio recording				
	■802.11ax Wi-Fi 6; simultaneous dual band (2.4GHz and 5GHz); HT80 with MIMO				
	■UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE				
61	UPS, at least 500w	pc	1	2,550.00	2,550.00
	<i>Recharging Time: at most 4 Hours</i>				
62	Compact Camera	unit	1	41,000.00	41,000.00
	<i>AF Modes: One Shot AF, Servo AF, Manual Focus</i>				
	<i>AF Point Selection</i>				
	<i>AF System Points</i>				
	<i>Built-in Flash: YES</i>				
	<i>Closest Focusing Distance (cm): 5</i>				
	<i>Continuous Shooting Speed (Shots Per Sec) (Up To): Approx. 8.0</i>				
	<i>Digital Zoom: 4x</i>				
	<i>Dimensions (Excl. Protrusions) (mm) (Approx.): 105.5 x 60.9 x 42.2</i>				
	<i>Drive System</i>				
	<i>Effective ISO: 125 - 12800</i>				
	<i>Effective Pixels (Megapixels): 20.1</i>				
	<i>Exposure Compensation: ±3 stops in 1/3-stop increments</i>				
	<i>Flash Modes: Auto, On, Slow Synchro, Off</i>				
	<i>Focal Length (35mm Equivalent): 24 - 100mm (4.2x)</i>				
	<i>Guide Number ISO 100 metres</i>				
	<i>Image Resolution: 4:3 4864 x 3648(L) 3248 x 2432(M) 2432 x 1824(S1) 2112 x 1600(S2) 3:2 5472 x 3648(L) 3648 x 2432(M) 2736 x 1824(S1) 2400 x 1600(S2)</i>				
	<i>Image Stabilizer: Lens-shift type</i>				

	LCD Monitor (Size) (Inch): 3				
	LCD Monitor Resolutions (dots): 1040000				
	Manual Focus: YES				
	Memory Card Type: SD, SDHC, SDXC				
	Metering Mode: Evaluative, Center-weighted average, Spot				
	Movie Format: MP4				
	Optical Zoom: 4.2x				
	Optional Power				
	Peripheral Connections				
	Processor Type: DIGIC 7				
	Sensor Size: 1.0"				
	Shooting Modes: C, M, Av, Tv, P, Hybrid Auto, Auto, SCN*, Movie*** Self Portrait, Portrait, Panning, Star^, Handheld Night Scene, High Dynamic Range, Fish-eye Effect, Oil-Painting Effect, Water-Painting Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus,				
	Shutter Speed Range (Sec.): 30 - 1/2000, Bulb				
	Standard Power Supply: Battery Pack NB-13L				
	Still Image Format: JPEG, RAW				
	Viewfinder Coverage (Approx.)				
	Viewfinder Type				
	Weight (g) (Including the battery and memory card) (Approx.): 319				
	*For camera kits, weight includes kit lens(es).				
	White Balance: Auto, Day Light, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash, Underwater, Custom, Color Temp				
63	Computer Keyboard USB	pc	1	400.00	400.00
	■Standard Keyboard with 104 Keys				
	■USB Connection				
	■Low Profile Key Caps				
	■Minimum Key Noise				
	■Laser Printing for Key Layout				
	■Spill Resistant Design				
64	CPU (Central Processing Unit)	pc	1	15,000.00	15,000.00
	■AMD A10-8770 Processor				
	■Motherboard compatible with the processor				
	■Kingston 4GB DDR4-2666 Memory				
	■CPU Casing w/ PSU				
	■256GB SSD				
65	Motherboard for 10th Intel Gen Processor, with Generic Casing and Power supply	unit	1	9,000.00	9,000.00
	Motherboard:				
	Intel® LGA 1200 socket: Ready for 10th				

	Gen Intel® Core™ processors,				
	Micro-ATX form factor				
	Enhanced power solution: 6+1+1 power stages, military-grade components, and Digi+ VRM for maximum durability				
	Comprehensive cooling: VRM heatsink, M.2 heatsink, PCH heatsink				
	Made for online gaming: Intel® WiFi 6, Intel® Ethernet Connection I219-V,				
	Realtek S1200A codec: Pristine audio quality with unprecedented 108 dB signal-to-noise ratio for stereo line out and 103 dB SNR for line in				
	Aura Sync RGB Lighting: Synchronizable LED effects across a vast portfolio of compatible PC gear, including addressable RGB strips				
	Casing				
	Micro-ATX Case				
	Generic 700watts power supply				
66	Mouse, Wired Optical, PS/2	pc	1	210.00	210.00
	■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				
67	Random Access Memory, DDR4, 2666Mhz, 8GB	pc	1	2,500.00	2,500.00
	Memory Capacity: 8GB				
	Speed: 2666MHz				
	Error Check: Non-ECC				
	Module Type: DIMM •				
	CAS Latency: CL19				
	Form Factor: DDR4				
	Pins: 288 Pin				
	Memory Voltage: 1.2V				
68	Battery Charger for 9 Volts Battery	pc	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				
69	Ink HP GT51 Black (K)	btls	2	500.00	1,000.00
70	Ink HP GT52 Cyan (C)	btls	2	500.00	1,000.00
71	Ink HP GT52 Magenta (M)	btls	2	500.00	1,000.00
72	Ink HP GT52 Yellow (Y)	btls	2	500.00	1,000.00

73	Air Condition Non-Inverter Window type 0.5HP, Standard size	units	6	14,500.00	87,000.00
	☐at most 600 Watts				
	☐cooling capacity: at least 5000 Kilo joules per hour				
	☐at least EER 10.0				
74	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF	unit	2	21,000.00	42,000.00
	☐Compact integrated tank design				
	☐Print speeds up to 15ipm for black and 8.0ipm for colour				
	☐Auto-duplex printing Fax and ADF capability / Ethernet &				
	☐Wi-Fi Direct				
	☐Borderless Printing up to A4 size				
	☐Spill-free ink refilling				
	☐Control Panel: 2.4 " Colour LCD Touch Panel				
75	Computer Monitor 24", IPS	set	15	7,500.00	112,500.00
	☐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				
76	Heavy Duty Combo Binding Machine	unit	1	14,500.00	14,500.00
	ΦSpecs:				
	☐Maximum Punching Sheets: 25				
	☐Max Size: LS, F4, A4, Extra Long				
	☐Selectable Punching Pins: 24 slots				
	☐Net Weight: 12.5kgs				
77	Thermal Binding Machine-Glue Thermal Book Binder	unit	1	10,000.00	10,000.00
	- Thermal binding				
	- for desktop of medium duty thermal binding projects				
	- Max thickness of binding is 2"				
	- 3-minute thermal binding cycle with 1 minute heat-up time				
	- HeatShield safety barrier - prevents accidental contact with the heating plate				
	- Visual indicators- shows when machine is ready for thermal binding				
	- Ready-beep sounds when thermal binding cycle is complete.				
	- Internal clamps hold documents in place during thermal binding process.				
	- Auto shut-off safety feature prevents overheating.				

	- Stylish design folds flat for storage.				
	- For use with thermal binding covers only.				
	- Max thickness of binding:2"				
	- Warm up time: within 3 minute				
	- Thickness of cover:50-350g				
	- Item Weight: 4.1kg / 9.04Lbs				
	- Item Size: 38 * 23 * 18cm / 14.96 * 9.06 * 7.09"				
	- Package Weight: 4.4kg / 9.7Lbs				
78	Desktop computer, Branded, AMD Ryzen 5	sets	2	60,000.00	120,000.00
	Processor: Up to AMD Ryzen™ 5				
	Operating System: Up to Windows 10 Pro				
	Graphics: Integrated AMD graphics, Discrete NVIDIA GeForce® GT 730				
	Memory: at least 8GB DDR4 2666 MHz				
	Storage: at least 1TB 7200rpm SATA HDD, and Up to 512GB PCIe SSD				
	Security: Trusted Platform Module firmware				
	Smart USB protection in BIOS: Disable I/O ports in BIOS: USB audio				
	Connectivity: WiFi ac 1 x 1,Bluetooth®, Front Ports at least 2 x USB 3.1 Gen 1 at least 2 x USB2.0, Audio out Mic 7-in-1 card reader (optional); Rear Ports: at least 2 x USB 2.0 VGA HDMI Audio in Audio out Mic RJ-45 Parallel port (optional)				
	USB Keyboard and Mouse				
	Monitor: at least 23 inches IPS LCD/LED at least 1920x1080 addressability at least 16 million colors 100-240VAC				
	50/60Hz UPS: at least 600VA				
	Typical recharge time: at most 4 hour				
	At least 3 years warranty				
79	Laptop, 14" (i7)	units	2	60,000.00	120,000.00
	■Processor: Intel Core i7 10th generation or higher				
	■Graphics: NVIDIA GeForce MX250 at least 2GB GDDR5				
	■Memory: at least 8GB DDR4-2666				
	■Storage: at least 256GB SSD M.2 + 1TB HDD				
	■Display: 14" FHD (1920x1080) IPS 250nits Anti-glare				
	■Touchscreen: None				
	■Optical: None				
	■Media Reader: 4-in-1 Card Reader				
	■Ethernet: None				
	■WLAN + Bluetooth				

	☐Camera: at least 720p				
	☐Microphone: at least 2x, Array				
	☐Operating System: licensed Windows 10 Home or Pro				
	☐Bundled Software: Microsoft Office Perpetual License				
	☐Repair and replacement should be at most 3 month from returning the unit				
	☐at least 3 years Warranty				
	☐FREE: Backpack				
80	HP 201A Black Original LaserJet Toner Cartridge	pc	1	8,000.00	8,000.00
	Hardware Compatibility:				
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>				
81	HP 201A Magenta Original LaserJet Toner Cartridge	pc	1	8,000.00	8,000.00
	Hardware Compatibility:				
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>				
82	HP 201A Yellow Original LaserJet Toner Cartridge	pc	1	8,000.00	8,000.00
	Hardware Compatibility:				
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>				
83	HP 201A Cyan Original LaserJet Toner Cartridge	pc	1	8,000.00	8,000.00
	Hardware Compatibility:				
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>				
	Rebidding from GOODS-22-22				
63	Air Condition, Split type, Inverter, 2.0 HP	set	1	55,000.00	55,000.00
	☐Cooling capacity: at least 18,500 kj/h				
	☐wall mounted				
	☐EER rating above 10				
	with Quiet Mode				
	☐with remote control				
	with Anti bacterial air filter				
	with Micro Dust Filter				
	with at least 10 years compressor warranty				
	offer must be in the market for at least 10 years				
	with at least 10-Year Warranty on Compressor				
	☐with one year warranty on parts and services				
	☐with free installation				

64	Aircon, Window Type, 2HP	unit	1	35,000.00	35,000.00
	<i>Cooling Capacity hp: 2.0, kJ/h 19,100</i>				
	<i>Power Input W: 1,640</i>				
	<i>EER kJ/hW: 11.6</i>				
	<i>Noise Level Indoor (Low) dB A: 48</i>				
	<i>Power Source: V/Phase Hz 230 V, 1Ø</i>				
	<i>Phase - 60 Hz</i>				
	<i>Refrigerant: R32</i>				
	<i>Anti-bacterial filter</i>				
	<i>12-hour off timer</i>				
	<i>Automatic condensate removal</i>				
65	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF	unit	1	21,000.00	21,000.00
	▣Compact integrated tank design				
	▣Print speeds up to 15ipm for black and 8.0ipm for colour				
	▣Auto-duplex printing Fax and ADF capability / Ethernet &				
	▣Wi-Fi Direct				
	▣Borderless Printing up to A4 size				
	▣Spill-free ink refilling				
	▣Control Panel: 2.4 " Colour LCD Touch Panel				
66	Canon Pixma Ink Bottle, 886	btls	4	2,000.00	8,000.00
67	Computer Keyboard USB	pcs	5	400.00	2,000.00
	▣Standard Keyboard with 104 Keys				
	▣USB Connection				
	▣Low Profile Key Caps				
	▣Minimum Key Noise				
	▣Laser Printing for Key Layout				
	▣Spill Resistant Design				
68	Computer Monitor 24", IPS	set	5	7,500.00	37,500.00
	▣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				
69	Computer Printer, All-in-One/Multifunction Colored-Ink Tank	unit	3	14,000.00	42,000.00
	▣Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour				
	▣Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles				
	▣Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices				
	▣3-in-1: Print, copy & scan and borderless photo printing				

	■Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color				
	■Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology				
	■Ink Technology: Dye Ink				
	■Printing Resolution: 5,760 x 1,440 DPI				
70	Desktop Computer (i7 Branded)	unit	1	85,000.00	85,000.00
	■CPU: 9th Gen Intel Core i7-9700 (8- Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher				
	■HDD: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive				
	■RAM: at least 8GB (8GBx1) DDR4 2666MHz				
	■Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5				
	■Screen: 23" IPS Monitor FHD				
	■Optical Drive: No Optical Drive				
	■OS: at least Windows 10 Home Single Language (64bit) English				
71	Desktop Computer (w/o Monitor)	unit	5	24,000.00	120,000.00
	■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				
	■Memory: at least 8GB DDR4 2400 DIMM Desktop Memory				
	■SSD: at least 240GB				
	■Casing with Power Supply				
	■Operating System: Genuine Windows 10 Home (OEM) or higher				
	■w/ USB Keyboard and Mouse				
72	Desktop System Unit Only (no monitor, Assembled), AMD 3600	pc	1	35,000.00	35,000.00
	AMD Ryzen 5 3600 6-Core or higher				
	B450 Chipset MicroATX Motherboard				
	16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory				
	at least 500GB NVME Solid State Drive				
	nVidia GeForce GT 1030 with 2GB DDR5 VRAM				
	650W PSU 80 PLUS GOLD				
	MicroATX casing				
73	Drone (Professional Quadcopter With 5.5" Screen)	unit	1	260,000.00	260,000.00
	Ready To Fly.				
	Obstacle sensing: 5-way.				
	Obstacle avoidance: 4-way.				
	Redundant sensors: obstacle avoidance, dual compasses, dual IMUs.				
	Range: 4.3 miles.				

	Maximum flight time: 30 minutes.				
	Top speed: 45 mph.				
	Big 1-inch sensor.				
	5.5-inch video monitor for controller.				
	4K video @ 60fps.				
	20MP stills, up to 14fps bursts.				
	Mechanical shutter that eliminates rolling distortion.				
	Wireless compatibility				
	Active-Track for locking onto and tracking subjects.				
74	DSLR Camera (24.2 MP, APS-C with 18-55mm lens)	unit	1	50,000.00	50,000.00
	24.2MP APS-C CMOS Sensor				
	3.0" 1.04m-Dot Vari-Angle Touchscreen				
	Full HD 1080p Video Recording at 60 fps				
	45-Point All Cross-Type AF System				
	Dual Pixel CMOS AF				
	Expanded ISO 25600, Up to 7 fps Shooting				
	Built-In Wi-Fi with NFC/EF-S 18-55mm f/3.5-5.6 IS STM				
75	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	2	3,000.00	6,000.00
	■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				
76	External Solid State Drive, (Portable, at least 500GB), USB 3.1	pc	1	6,000.00	6,000.00
	Storage Capacity: 500 GB or higher				
	Connection Interface: 1 x USB 3.1 (USB Type-C)				
	Maximum Read Speed: 550 MB/s				
	Type Solid-State Drive				
	Form Factor: 2.5"				
	Cooling System Passive				
	Environmental Resistance Shock				
	IP Rating IP55				
77	Flatbed Scanner	unit	2	5,000.00	10,000.00
	■Scanner Type:				
	◀Flatbed colour image scanner				
	■Scanning Method:				
	◀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:				
	◀Up to 216 x 297mm				
78	GPS, Waterproof Hiking	unit	2	20,000.00	40,000.00
	General				
	Display Size - 1.6" x 2.2" (4.1 x 5.6 cm)				
	Display Type - 256 color transfective TFT				
	Weight - 7.7 oz (218 g) with batteries				
	Battery Type - 2 AA batteries				
	Battery Life - 18 hours, typical				
	Watering Rating - IPX7				
	High-Sensitivity Receiver - Yes				
	Maps & Memory				
	Ability to add maps - Yes				
	Basemap - Yes				
	Automatic routing (turn by turn routing on roads) - Yes				
	External Memory Storage - 128 microSD card (included)				
	Waypoints/favorites/locations - 1000				
	Track Log - 10,000 points; 20 saved tracks				
	Routes - 50				
	Outdoor Recreation				
	Hunt/Fish Calendar - Yes				
	Sun and Moon information - Yes				
	Geocaching-Friendly - Yes				
	Sensors				
	Barometric Altimeter - Yes				
	Compass - Yes				
	Area Calculation - Yes				
79	Ink, Epson 003,Genuine Black 65mL	btl	37	350.00	12,950.00
80	LCD Projector, XGA (1024x768)	unit	5	27,000.00	135,000.00
	■Projection Method: Front/rear/ceiling mount				
	■Pixel Number: at least 786,432 dots (1024 x 768) x 3				
	■Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4				
	■Aspect ratio: 4:3				
	■Lamp Life: ECO Mode up to 5000 hrs				
	■Normal Mode up to 4000 hrs				
	■Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)				
	■Keystone Correction: Manual				

	■USB Plug 'n Play: Compatible w/ PC and MAC computers				
	■Contrast Ratio: 15.000 : 1				
	■Color Reproduction: 16.77 million color				
81	Megaphone	unit	3	2,500.00	7,500.00
	Bullhorn				
	1000 yard range				
	For indoor and outdoor use				
	Built-in siren				
	40 W amplifier				
	Built-in mic				
	10 seconds recording function				
82	Printer All-inOne System With Wi-fi, ADF and Ink Tank system	unit	1	21,000.00	21,000.00
	■PRINTER TYPE:				
	◀Print, Scan, Copy, Fax with ADF				
	■ISO PRINT SPEED (BLACK/COLOUR):				
	◀Up to 10 ipm / 5.0 ipm				
	■ISO PRINT SPEED (BLACK/COLOUR):				
	◀Up to 7.7 ipm / 3.8 ipm				
	■MAXIMUM COPY SIZE: Legal				
	■SCAN SPEED (FLATBED / ADF):				
	◀12 sec / 4.5 ipm (black), 29 sec / 4.5 ipm (colour)				
	■TYPE OF FAX:				
	◀Walk-up Black and white and colour fax capability				
	■SUPPORTED OS & APPLICATIONS:				
	◀Windows XP / Vista / 7/ 8 / 8.1 / 10				
	◀Windows Server 2003/ 2008 / 2012 / 201				
	◀Mac OS X 10.6.8 or later				
	■INTERFACE:				
	◀USB 2.0, Ethernet, Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct				
83	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	unit	2	11,000.00	22,000.00
	■Tank Ink System				
	■Printer Type: Print, Scan and Copy				
	■Scanner Type: Flatbed colour image scanner				
	■Sensor Type: CIS				
	■Optical Resolution: 600 x 1200 dpi				
	■Copy Speed: Maximum Copies from Standalone: 20 copies				
	■Maximum Copy Size: A4, Letter				
	■ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm				
	■Max Copy Resolution: 300 x 300 dpi				
	■Paper Handling: Up to 20 Sheets-Premium Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard				

	■Output Capacity: Up to 30 sheets				
	■A4 plain paper: 20 sheets, Premium Glossy Photo Paper				
	■Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")				
	■Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
	■Print Direction: Bi-directional printing				
	■Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
	■Minimum Ink Droplet Size: 3 pl				
84	Smart TV, UHD, 55"	pc	1	50,000.00	50,000.00
	55" Crystal UHD TV				
	Real 4K Picture Quality				
	4K Upscaling				
	HDR (High Dynamic Range)				
	UHD Dimming				
	Mega Contrast				
	Adaptive Sound				
	20W Sound Output				
	Connectivity: Ethernet (LAN); HDMI; Wireless LAN Built-in				
	Power Supply: AC 100-240V 50/60Hz				
85	Speaker, for PC, 2.1 (Speaker with Subwoofer)	pc	2	2,500.00	5,000.00
	■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				
86	UPS, 1000 VA	unit	2	3,000.00	6,000.00
	■1000VA/600W capacity				
	■Frequency Range: 60 Hz				
	■Freq. Range (Batt. Mode): 60 Hz ± 1 Hz				
	■Transfer Time: Typical 4-8 ms				
	■Waveform (Batt. Mode): Simulated Sine Wave				
	■Back-up Runtime: 10-15 mins				
	■Voltage: 220 VAC				
	■Voltage Range: 162-270 VAC				
87	UPS, at least 800 watts	unit	1	5,000.00	5,000.00
	Recharging Time: at most 4 Hours				
88	Wireless Optical Mouse	pcs	7	1,000.00	7,000.00
	Adjustable 500/1000 DPI high-definition tracking engine				
	Reliable 2.4GHz wireless connection, perfect for anti-jamming				

	<i>Supports 4D scroll wheel and optical buttons No installation software or drivers required: plug and play</i>				
	<i>Powered by AA alkaline batteries, you can use this mouse with only one battery</i>				
89	Mouse, Wired Optical, PS/2	pcs	10	210.00	2,100.00
	■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				
90	Network Attached Storage, 4 Bay, 1.4GHz ARM CPU	unit	1	23,000.00	23,000.00
	CPU: Realtek RTD1296, ARM64 64-bit, Quad-Core 1.4GHz				
	Memory: 2GB DDR4				
	Flash Memory: 8GB eMMC				
	Drive Bays: 4				
	Compatible Drive Type: 3.5" SATA HDD, 2.5" SATA HDD, 2.5" SATA SSD				
	Maximum Drive Bays with Expansion Unit: 16				
	Expansion: USB 3.2 Gen 1 x 3				
	Network: 2.5 Gigabit Ethernet (2.5G/1G/100M) x 1				
	Certification: FCC, CE, VCCI, BSMI, C-TICK, KCC, BIS, CCC				
	Input Power Voltage 100V to 240V AC				
	Power Supply Unit / Adapter: 90W x1				
	System Fan: 120 mm x 1				
91	Printer, computer, continuous ink system, 4-in-1 (Print, Scan, Xerox copy, Fax with ADF)	unit	1	22,000.00	22,000.00
	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				
92	Random Access Memory, DDR4,	pcs	15	2,500.00	37,500.00

	2666Mhz, 8GB				
	Memory Capacity: 8GB				
	Speed: 2666MHz				
	Error Check: Non-ECC				
	Module Type: DIMM •				
	CAS Latency: CL19				
	Form Factor: DDR4				
	Pins: 288 Pin				
	Memory Voltage: 1.2V				
93	Universal HDMI to VGA Adapter Cable, at least 1.8 meters	units	2	300.00	600.00
	Universal HDMI to VGA Adapter Cable				
94	USB Hub, 4 gans	pcs	4	250.00	1,000.00
95	Web Camera for PC	units	2	2,500.00	5,000.00
	▣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 deg. celcius to 60deg. Celcius				
96	Computer HD Webcam	pcs	2	4,000.00	8,000.00
	▣1080P Full HD Webcam				
	▣Lens: 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				
	▣Interface Type: USB2.0				
	▣Microphone: Built-in microphone				
	▣Focusing Range: 20mm				
97	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	2	3,800.00	7,600.00
	▣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				
98	Printer, Tank Ink System, 3 in 1 (Print,	unit	1	11,000.00	11,000.00

	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				
99	Antivirus Software 3 Device, 1+1 Year 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				
100	Paper shredder machine, heavy duty	pc	1	6,000.00	6,000.00
	■Shred Type: Cross Cut				

	☐Maximum Sheet capacity(70gsm) : 10 Sheets				
	☐Waste Container capacity: 21 Liters				
	☐Power Source: 220 - 240 VAC				
101	Water Dispenser, Cabinet type	pc	1	10,000.00	10,000.00
	☐Floor standing				
	☐Hot and cold function				
	☐plastic body,high efficiency compressor				
	☐thermally protected				
102	Document Scanner w/ ADF	unit	1	40,000.00	40,000.00
	☐Flatbed Colored Document Scanner				
	☐Combining a flatbed scanner with the convenience of a 50-page ADF				
	☐Quickly scan stacks of documents up to 8.5" x 14"				
	☐Resolution: 1200 x 1200 dpi				
				TOTAL:	3,341,942.00

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

2. The *Visayas State University* now invites bids for the above Procurement Project. Delivery of the Goods is required by *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 *26 May – 15 June 2022 until 8:30 AM* from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.

6. The *Visayas State University* will hold a Pre-Bid Conference on *June 2, 2022; 2:00 PM at the PPO Conference Room, Lower Campus, VSU, Visca, Baybay City, Leyte* and *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 *15 June 2022 until 8:30 AM*. 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 *15 June 2022; 9:00 AM* at the *PPO Conference Room, Lower Campus, VSU, Visca, Baybay City, Leyte* and *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>

May 25, 2022



DILBERTO O. FERRAREN
Chairperson, VSU BAC

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *Visayas State University*, wishes to receive Bids for the *Supply and Delivery of I.T. Equipment and Supplies and Office Equipment*, with identification number *GOODS-22-29*.

The Procurement Project (referred to herein as “Project”) is composed of *102 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 Three Hundred Forty-One Thousand Nine Hundred Forty-Two Pesos (PhP 3,341,942.00)*.

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, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.

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

13. Bid and Payment Currencies

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

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until *October 14, 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: <ul style="list-style-type: none"> a. <i>I.T. Equipment, I.T. Supplies, Office Equipment, or a combination of the foregoing</i> 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</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: <ul style="list-style-type: none"> a. The amount of not less than <i>Sixty-Six Thousand Eight Hundred Thirty-Eight and 84/100 Pesos (PhP 66,838.84) or two percent (2%) of ABC</i>, 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 Sixty-Seven Thousand Ninety-Seven and 10/100 Pesos (PhP 167,097.10) or five percent (5%) of ABC</i> if bid security is in Surety Bond.
15	<p>Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.</p> <p>For filing purposes, the bidders are urged to use Orange envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.</p>
19.3	<i>See Section I. Invitation to Bid (Item 1) for the list of items and their corresponding total Approved Budget for the Contract (ABC).</i>
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	<i>Not Applicable.</i>

Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

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

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

3. Performance Security

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

4. Inspection and Tests

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

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

5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>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:</p> <p>The delivery term applicable to this Contract is delivered <i>VSU Main Campus, Visca, Baybay City, Leyte</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is:</p> <p style="padding-left: 40px;"><i>Ms. Alicia M. Flores</i> <i>Head, Supply and Property Management Office,</i> <i>VSU-Main, Visca, Baybay City, Leyte</i> <i>Contact #: 053 565 0600 local 1082 / 0917 6341 430</i> <i>Email address: alicia.flores@vsu.edu.ph</i></p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <ol style="list-style-type: none"> 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.
	<p>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.</p>

	<p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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. <p>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.</p> <p>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.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within 1 month of placing the order.</p>
	<p>Packaging –</p> <p>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.</p> <p>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:</p> <p>Name of the Procuring Entity</p>

	Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications
	<p>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.</p> <p>Transportation –</p> <p>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.</p> <p>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.</p>
2.2	<p>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.</p> <p>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.</p> <p>Payment of staggered deliveries shall be allowed. Payment shall be on “as per cost of the items delivered” subject to inspection and acceptance.</p>
4	<p>The inspections and tests that will be conducted will be specified by the appropriate technical team of VSU Main to confirm conformity to the contract specifications at no extra cost to VSU.</p>

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.	Description	Unit	Qty	Delivered, Weeks/Months
1	75-inch Smart Quantum 4K TV with FREE Soundbar and Wall Bracket	unit	1	All Items Should Be Delivered Within 60 Calendar Days From Receipt Of Notice To Proceed And Purchase Order
	<i>Display Size (inches)</i>			
	75			
	<i>TV Resolution</i>			
	4K UHD			
	<i>Ports Input</i>			
	HDMI,USB			
	<i>Smart TV OS</i>			
	VIDAA			
	<i>TV Technology</i>			
	LED			
	<i>Warranty Type</i>			
	Local Supplier Warranty			
2	Aircon, Window Type, 2HP	unit	3	
	<i>Cooling Capacity hp: 2.0, kJ/h 19,100</i>			
	<i>Power Input W: 1,640</i>			
	<i>EER kJ/hW: 11.6</i>			
	<i>Noise Level Indoor (Low) dB A: 48</i>			
	<i>Power Source: V/Phase Hz 230 V, 1Ø</i>			
	<i>Phase - 60 Hz</i>			
	<i>Refrigerant: R32</i>			
	<i>Anti-bacterial filter</i>			
	<i>12-hour off timer</i>			
	<i>Automatic condensate removal</i>			
3	Automatic Voltage Regulatory (AVR), 1500W, heavy duty	unit	1	
	☐Input: 220volts			
	☐Power: 1500watts			
	☐Output: 110-220 volts			
	☐Range voltage 120v-220 volts			
	☐Servo motor controlled			
4	CCTV IP Camera	pcs	6	
	☐2MP WDR, with Built-in Mic			
	☐12v, DC			
	☐30m IR range,			
	☐1920x1080 Max. Resolution			
	☐Dome Type			
	☐2.8/4mm fixed lens			
5	Computer Printer, All-in-One/Multifunction Colored-Ink Tank	unit	3	
	☐Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour			
	☐Next generation ink filling system: Enjoy			

	<i>hassle and mess-free refills with the enhanced ink bottles</i>		
	■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		
6	Desktop Computer (i3)	set	1
	■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		
7	Document Scanner w/ ADF	unit	1
	■Flatbed Colored Document Scanner		
	■Combining a flatbed scanner with the convenience of a 50-page ADF		
	■Quickly scan stacks of documents up to 8.5" x 14"		
	■Resolution: 1200 x 1200 dpi		
8	Epson 001 ink, Black, 127ml, Genuine	btls	20
9	Epson 001 ink, Cyan, Genuine	btls	20
10	Epson 001 ink, Magenta, Genuine	btls	20
11	Epson 001 ink, Yellow, Genuine	btls	20
12	External Hard Disk Drive (Portable, 2TB), USB 3.1	unit	5
	■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		
13	External Hard Disk Drive, (Portable	pc	1

	500GB), USB 3.0		
	■Hard Drive Type:2.5" HDD		
	■USB Interface: USB 3.0		
	■Capacity:500GB		
14	HDMI to HDMI, Shielded	unit	2
	High-speed HDMI to HDMI cable,		
	Works with HDTVs, digital cameras/camcorders, MP3 players, and other HDMI devices		
	Supports Ethernet, 3D, and Audio Return		
	Meets HDMI 1.4 specifications; shielded to defend against interference		
	Cable length:10 Meters		
15	Headset with Noise Cancelling Mic	unit	1
	■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		
16	Ink, Epson 003,Genuine Black 65mL	btl	110
17	Ink, EPSON 003,Genuine Cyan 65mL	btl	64
18	Ink, EPSON 003,Genuine Magenta 65mL	btl	64
19	Ink, EPSON 003,Genuine Yellow 65mL	btl	54
20	Ink, Epson, genuine (C) T664, 70 ml	pcs	28
21	Ink, Epson, genuine (M) T664, 70 ml	pcs	28
22	Ink, Epson, genuine, (BK) T664, 70 ml	pcs	85
23	Ink, Epson, genuine, (Y) T664, 70 ml	pcs	29
24	LCD Projector SVGA (800x600)	unit	1
	■Projection System: 3LCD Technology, RGB liquid crystal shutter		
	■Resolution: SVGA (800x600), 4:3		
	■Light Output: 3,300 Lumen-2,050 Lumen (economy)		
	■Contrast Ratio: 15,000:1		
	■Lamp: 210 W		
	■Lamp Hours: 6,000-10,000		
25	LCD Projector, XGA (1024x768)	unit	2
	■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		
26	Mini Vault / Steel Security Safe (.50 Cu Ft.) - Digital Lock	unit	1
	SPECIFICATION		
	Weight: 23.4 lbs.		
	Programmable Digital Lock with LED Display		
	Pre-Drilled Holes & Mounting Kit Included		
	0.50 cu ft Interior Storage Capacity		
	Two Motorized Locking Door Bolts		
	Concealed Hinges & Recessed Door		
	Includes 1 Removable Shelf		
	Flat Bottom Door Entryway		
	Carpeted Floor prevents scratching of valuables		
	Override Access Keys (2 Included)		
27	Mouse, Wired, Optical, USB	pcs	3
	■USB Port Connectivity		
	■Sensor: Optical		
	■DPI: 1600		
	■Work method: Wired		
	■Buttons: Left button, middle button, right button		
	■Scroll wheel direction: Two way		
	■Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design		
28	Office chair, with arm rest	pc	3
	■at least (580mmx600mx890-990mm)		
	■Butterfly Mechanism = 360 Degree Swivel Seat		
	■Backrest: Polypropylene (Pp) Plastic With New Foam Covered With Mesh Fabric		
	■Seat: Plywood Seatpad With Injection Molded Foam, Covered With Polyester Fabric		
	■Arm: Polypropylene plastic		
	■Base: Chrome finish, Adjustable lumbar support, pneumatic seat height adjustment		
29	Portable Pressure Washer Power Sprayer	unit	3

	Voltage: 220-240 V		
	Frequency: 50/60 Hz		
	Rated Power: 1,200 W		
	Rated Pressure: 70 bar		
	Maximum Pressure: 100 bar		
	Rated Flow: 5.5 L/min		
	Maximum Pressure Water Supply: 1.2 MPa		
	Maximum Water Temperature: 50 C		
	Sound Pressure Level: 81 dB		
	Sound Power Level: 92 dB		
30	Printer, Ink Tank, Print Only	unit	3
	■Printing Technology: On-demand inkjet (Piezoelectric)		
	■Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)		
	■Print Direction: Bi-directional printing		
	■Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)		
	■Minimum Ink Droplet Size: 3 pl		
	■Compact integrated tank design		
	■High yield ink bottles		
	■Spill-free, error-free refilling		
	■Borderless printing up to 4R		
31	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	unit	4
	■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			
32	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter	unit	1	
	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter			
33	Ribbon Cartridge, Epson FX1170 S015520 #8755	box	2	
34	Selfie LED Ring Light 10" with Tripod	unit	5	
	Material: ABS+ aluminum alloy			
	Lighting: warm and cold light			
	Modes: three color light adjustment (can adjust brightness)			
	Working temperature: less than 45°C, no hot hazard, safe to touch			
	Tripod stand height: up to 210cm			
35	Unifi 500W PoE+ Switch	unit	4	
	■24 ports PoE+ Switch 500W			
	■Network Interfaces: (24) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports			
	■Management Interface: (1) RJ45 Serial Port Out-of-Band, Ethernet In-Band			
	■Total Non-Blocking Throughput: 26 Gbps			
	■Switching Capacity: 52 Gbps			
	■Forwarding Rate: 38.69 Mpps			
	■MAC Address Table: 16384			
	■Maximum Aggregations: 6			
	■Monitoring Sessions 1; Maximum VLANs 255			
	■Power Method 100-240VAC/50-60 Hz, Universal Input			
	■Power Supply AC/DC, Internal, 500W DC			
	■Max. Power Consumption: Including PoE			
	■Output: 500W Excluding PoE Output: 30W;			
	■ESD/EMP Protection Air: ± 24 kV, Contact: ± 24 kV			
	■Shock and Vibration ETSI300-019-1.4 Standard			
	■Operating Temperature -5 to 40° C (23 to 104° F)			
	■Operating Humidity 5 to 95% Noncondensing			
	■Certifications CE, FCC, IC			

	☐PoE Interfaces PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-)		
	☐Max. PoE+ Wattage per Port by PSE 34.2W		
	☐Voltage Range 802.3at Mode 50–57V		
	☐Max. Passive PoE Wattage per Port 17W		
	☐24V Passive PoE Voltage Range 20-27V		
	☐Should be compatible with existing Unifi Controller of the University		
	☐1-year warranty		
36	UPS, 1000 VA	unit	3
	☐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		
37	UPS, 650VA, Universal Sockets	pc	2
	Output Power Capacity: 325 Watts/650VA		
	Output Frequency: 50/60 Hz +/-1 Hz		
	Output Connections: (2) Universal Receptacle		
	Nominal Input Voltage: 230V		
	Input Connections: NEMA 5-15P		
	Maximum Input Current: 5A		
	Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof		
	Recharging Time: 4 Hours		
38	USB Hub, 4 gangs	pcs	2
39	UTP Cable (300 meters), CAT 6 23 AWG	boxes	3
	☐UTP Cable cat6		
	☐Cat 6 Cable UTP Unshielded AWG23		
	☐Gray Data LAN Cable		
	☐1000 feet 305m 1000ft.		
	☐must be UL listed & ISO certified cable		
40	Wireless Access Point	unit	7
	☐Networking Interface (1) 10/100/1000 Ethernet Port		
	☐Buttons Reset		
	☐Power Method 802.3af PoE		
	☐Power Supply UniFi Switch (PoE)		
	☐Power Save Supported		
	☐Beamforming Supported		

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

	☐802.11b 1, 2, 5.5, 11 Mbps		
	☐802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	☐Should be compatible with existing UniFi Controller		
41	Desktop Computer (i7 Branded)	set	1
	☐CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher		
	☐HDD: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive		
	☐RAM: 8GB (8GBx1) DDR4 2666MHz		
	☐Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5		
	☐Screen: 23" IPS Monitor FHD		
	☐Optical Drive: No Optical Drive		
	☐OS: Windows 10 Home Single Language (64bit) English		
42	UPS, 1000 VA	pc	1
	☐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		
43	Web Camera for PC	pcs	5
	☐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		
44	Headset with Noise Cancelling Mic	pcs	2
	☐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		
45	Desktop Computer (Assembled), Intel Core i5	units	2
	■Intel® Core™ i5-10400 Processor 12M Cache, up to 4.30 GHz (6 Cores and 12 Threads) or higher		
	■Intel H470 Chipset Ultradurable mATX Motherboard		
	■16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory		
	■500GB NVME Solid State Drive		
	■mATX Casing with 650W PSU 80 PLUS GOLD		
	■Genuine Windows 10 Home Operating System		
	■Gaming Keyboard and Optical Mouse		
	■27" IPS Monitor with Frameless Bezel (Full HD with 75Hz Refresh Rate)		
	■325WATTS/650VA Battery Backup & Surge Protector UPS		
46	Automatic Emergency Light LED	unit	2
47	Water Dispenser, Cabinet type	pc	3
	■Floor standing		
	■Hot and cold function		
	■plastic body,high efficiency compressor		
	■thermally protected		
48	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	3
	■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		
49	Web Camera up to 4K with Omnidirectional Microphone	pcs	2
	■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			
50	Flash Drive, 128GB, USB 3.0	pc	1	
	▣Capacity:128GB			
	▣Interface: USB 3.0			
	▣Speed: 100MB/s read, 10MB/s write			
51	Ink, Black C13T05A100 for Epson Copier ProWF-C878R	box of 50's	2	
52	Ink, Cyan C13T05A200 Epson Copier ProWF-C878R	box of 50's	1	
53	Ink, Magenta C13T05A300 for Epson Copier ProWF-C878R	box of 50's	1	
54	Ink, Yellow C13T05A400 for Epson Copier ProWF-C878R	box of 50's	1	
55	Flash Drive, at least 32GB USB 3.0	pcs	2	
56	Rechargeable Wireless Keyboard and Mouse Set	unit	2	
	▣Rechargeable Office Wireless Keyboard and Mouse Set			
	▣Size: 284*121*16.mm			
	▣Weight: 280g			
	▣Connection method: USB receiver/Bluetooth			
57	Hard disk 500GB, 7200rpm, for desk top computer	pc	1	
58	Computer Monitor 24", IPS	set	2	
	▣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			
59	Desktop (Mini) System Unit (8 Core, M1 Chip)	unit	1	

	Chip Apple M1 chip		
	8-core CPU with 4 performance cores and 4 efficiency cores		
	8-core GPU		
	16-core Neural Engine		
	8GB unified memory		
	256GB SSD		
	Operating System: macOS Monterey		
	Simultaneously supports up to two displays: One display with up to 6K resolution at 60Hz connected via Thunderbolt and one display with up to 4K resolution at 60Hz connected via HDMI 2.0		
	Native DisplayPort output over USB-C		
	HDMI 2.0 display video output		
	3.5mm headphone jack		
	HDMI 2.0 port supports multichannel audio output		
	Configurable to 10Gb Ethernet (Nbase-T Ethernet with support for 1Gb, 2.5Gb, 5Gb, and 10Gb Ethernet using RJ-45 connector)		
	Bluetooth 5.0 wireless technology		
	802.11ax Wi-Fi 6 wireless networking		
	IEEE 802.11a/b/g/n/ac compatible		
60	Tablet 10.9", 64GB, iPadOS, Wifi Only	unit	1
	■64GB Storage Capacity		
	■A14 Bionic chip with 64-bit architecture, Neural Engine		
	■10.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology		
	■2360-by-1640-pixel resolution at 264 pixels per inch (ppi)		
	■Wide color display (P3)		
	■True Tone display		
	■Fingerprint-resistant oleophobic coating		
	■Fully laminated display		
	■Antireflective coating		
	■12MP Wide camera		
	■f/1.8 aperture		
	■Five-element lens		
	■Hybrid IR filter		
	■4K video recording at 24 fps, 30 fps, or 60 fps		
	■1080p HD video recording at 30 fps or 60 fps		
	■Slo-mo video support for 1080p at 120 fps or 240 fps		
	■7MP photos		
	■f/2.2 aperture		
	■1080p HD video recording at 60 fps		
	■Wide color capture for photos and Live		

	Photos		
	■Smart HDR		
	■Stereo speakers■Dual microphones for calls, video recording, and audio recording		
	■802.11ax Wi-Fi 6; simultaneous dual band (2.4GHz and 5GHz); HT80 with MIMO		
	■UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE		
61	UPS, at least 500w	pc	1
	Recharging Time: at most 4 Hours		
62	Compact Camera	unit	1
	AF Modes: One Shot AF, Servo AF, Manual Focus		
	AF Point Selection		
	AF System Points		
	Built-in Flash: YES		
	Closest Focusing Distance (cm): 5		
	Continuous Shooting Speed (Shots Per Sec) (Up To): Approx. 8.0		
	Digital Zoom: 4x		
	Dimensions (Excl. Protrusions) (mm) (Approx.): 105.5 x 60.9 x 42.2		
	Drive System		
	Effective ISO: 125 - 12800		
	Effective Pixels (Megapixels): 20.1		
	Exposure Compensation: ±3 stops in 1/3-stop increments		
	Flash Modes: Auto, On, Slow Synchro, Off		
	Focal Length (35mm Equivalent): 24 - 100mm (4.2x)		
	Guide Number ISO 100 metres		
	Image Resolution: 4:3 4864 x 3648(L) 3248 x 2432(M) 2432 x 1824(S1) 2112 x 1600(S2) 3:2 5472 x 3648(L) 3648 x 2432(M) 2736 x 1824(S1) 2400 x 1600(S2)		
	Image Stabilizer: Lens-shift type		
	LCD Monitor (Size) (Inch): 3		
	LCD Monitor Resolutions (dots): 1040000		
	Manual Focus: YES		
	Memory Card Type: SD, SDHC, SDXC		
	Metering Mode: Evaluative, Center-weighted average, Spot		
	Movie Format: MP4		
	Optical Zoom: 4.2x		
	Optional Power		
	Peripheral Connections		
	Processor Type: DIGIC 7		
	Sensor Size: 1.0"		

	<i>Shooting Modes: C, M, Av, Tv, P, Hybrid Auto, Auto, SCN*, Movie*** Self Portrait, Portrait, Panning, Star^, Handheld Night Scene, High Dynamic Range, Fish-eye Effect, Oil-Painting Effect, Water-Painting Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus,</i>		
	<i>Shutter Speed Range (Sec.): 30 - 1/2000, Bulb</i>		
	<i>Standard Power Supply: Battery Pack NB-13L</i>		
	<i>Still Image Format: JPEG, RAW</i>		
	<i>Viewfinder Coverage (Approx.)</i>		
	<i>Viewfinder Type</i>		
	<i>Weight (g) (Including the battery and memory card) (Approx.): 319</i>		
	<i>*For camera kits, weight includes kit lens(es).</i>		
	<i>White Balance: Auto, Day Light, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash, Underwater, Custom, Color Temp</i>		
63	Computer Keyboard USB	pc	1
	▣Standard Keyboard with 104 Keys		
	▣USB Connection		
	▣Low Profile Key Caps		
	▣Minimum Key Noise		
	▣Laser Printing for Key Layout		
	▣Spill Resistant Design		
64	CPU (Central Processing Unit)	pc	1
	▣AMD A10-8770 Processor		
	▣Motherboard compatible with the processor		
	▣Kingston 4GB DDR4-2666 Memory		
	▣CPU Casing w/ PSU		
	▣256GB SSD		
65	Motherboard for 10th Intel Gen Processor, with Generic Casing and Power supply	unit	1
	Motherboard:		
	<i>Intel® LGA 1200 socket: Ready for 10th Gen Intel® Core™ processors,</i>		
	<i>Micro-ATX form factor</i>		
	<i>Enhanced power solution: 6+1+1 power stages, military-grade components, and Digi+ VRM for maximum durability</i>		
	<i>Comprehensive cooling: VRM heatsink, M.2 heatsink, PCH heatsink</i>		
	<i>Made for online gaming: Intel® WiFi 6, Intel® Ethernet Connection I219-V,</i>		
	<i>Realtek S1200A codec: Pristine audio quality with unprecedented 108 dB signal-to-noise ratio for stereo line out</i>		

	<i>and 103 dB SNR for line in</i>			
	<i>Aura Sync RGB Lighting: Synchronizable LED effects across a vast portfolio of compatible PC gear, including addressable RGB strips</i>			
	Casing			
	<i>Micro-ATX Case</i>			
	<i>Generic 700watts power supply</i>			
66	Mouse, Wired Optical, PS/2	pc	1	
	■ <i>Ergonomic Design: Symmetric</i>			
	■ <i>Sensor : Optical</i>			
	■ <i>Type: Wired (PS2)</i>			
	■ <i>System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10</i>			
	■ <i>2 buttons + scrolling wheel optical mouse</i>			
	■ <i>Works on most surfaces</i>			
	■ <i>Microsoft system compatible</i>			
	■ <i>Resolution: 1000 DPI</i>			
67	Random Access Memory, DDR4, 2666Mhz, 8GB	pc	1	
	<i>Memory Capacity: 8GB</i>			
	<i>Speed: 2666MHz</i>			
	<i>Error Check: Non-ECC</i>			
	<i>Module Type: DIMM •</i>			
	<i>CAS Latency: CL19</i>			
	<i>Form Factor: DDR4</i>			
	<i>Pins: 288 Pin</i>			
	<i>Memory Voltage: 1.2V</i>			
68	Battery Charger for 9 Volts Battery	pc	1	
	<i>For 9 volts rechargeable batteries *Charges 2x rechargeable batteries (9 volts) at the same time\</i>			
	<i>*With 110v & 220v setting</i>			
	<i>Compatible with Nickel-Cadmium & Nickel-Metal Hydride rechargeable batteries</i>			
69	Ink HP GT51 Black (K)	btls	2	
70	Ink HP GT52 Cyan (C)	btls	2	
71	Ink HP GT52 Magenta (M)	btls	2	
72	Ink HP GT52 Yellow (Y)	btls	2	
73	Air Condition Non-Inverter Window type 0.5HP, Standard size	units	6	
	■ <i>at most 600 Watts</i>			
	■ <i>cooling capacity: at least 5000 Kilo joules per hour</i>			
	■ <i>at least EER 10.0</i>			
74	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF	unit	2	
	■ <i>Compact integrated tank design</i>			
	■ <i>Print speeds up to 15ipm for black and 8.0ipm for colour</i>			
	■ <i>Auto-duplex printing Fax and ADF</i>			

	capability / Ethernet &		
	■Wi-Fi Direct		
	■Borderless Printing up to A4 size		
	■Spill-free ink refilling		
	■Control Panel: 2.4 " Colour LCD Touch Panel		
75	Computer Monitor 24", IPS	set	15
	■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		
76	Heavy Duty Combo Binding Machine	unit	1
	ΦSpecs:		
	■Maximum Punching Sheets: 25		
	■Max Size: LS, F4, A4, Extra Long		
	■Selectable Punching Pins: 24 slots		
	■Net Weight: 12.5kgs		
77	Thermal Binding Machine-Glue Thermal Book Binder	unit	1
	- Thermal binding		
	- for desktop of medium duty thermal binding projects		
	- Max thickness of binding is 2"		
	- 3-minute thermal binding cycle with 1 minute heat-up time		
	- HeatShield safety barrier - prevents accidental contact with the heating plate		
	- Visual indicators- shows when machine is ready for thermal binding		
	- Ready-beep sounds when thermal binding cycle is complete.		
	- Internal clamps hold documents in place during thermal binding process.		
	- Auto shut-off safety feature prevents overheating.		
	- Stylish design folds flat for storage.		
	- For use with thermal binding covers only.		
	- Max thickness of binding:2"		
	- Warm up time: within 3 minute		
	- Thickness of cover:50-350g		
	- Item Weight: 4.1kg / 9.04Lbs		
	- Item Size: 38 * 23 * 18cm / 14.96 * 9.06 * 7.09"		
	- Package Weight: 4.4kg / 9.7Lbs		
78	Desktop computer, Branded, AMD Ryzen 5	sets	2

	Processor: Up to AMD Ryzen™ 5			
	Operating System: Up to Windows 10 Pro			
	Graphics: Integrated AMD graphics, Discrete NVIDIA GeForce® GT 730			
	Memory: at least 8GB DDR4 2666 MHz			
	Storage: at least 1TB 7200rpm SATA HDD, and Up to 512GB PCIe SSD			
	Security: Trusted Platform Module firmware			
	Smart USB protection in BIOS: Disable I/O ports in BIOS: USB audio			
	Connectivity: WiFi ac 1 x 1, Bluetooth®, Front Ports at least 2 x USB 3.1 Gen 1 at least 2 x USB2.0, Audio out Mic 7-in-1 card reader (optional); Rear Ports: at least 2 x USB 2.0 VGA HDMI Audio in Audio out Mic RJ-45 Parallel port (optional)			
	USB Keyboard and Mouse			
	Monitor: at least 23 inches IPS LCD/LED at least 1920x1080 addressability at least 16 million colors 100-240VAC			
	50/60Hz UPS: at least 600VA			
	Typical recharge time: at most 4 hour			
	At least 3 years warranty			
79	Laptop, 14" (i7)	units	2	
	■Processor: Intel Core i7 10th generation or higher			
	■Graphics: NVIDIA GeForce MX250 at least 2GB GDDR5			
	■Memory: at least 8GB DDR4-2666			
	■Storage: at least 256GB SSD M.2 + 1TB HDD			
	■Display: 14" FHD (1920x1080) IPS 250nits Anti-glare			
	■Touchscreen: None			
	■Optical: None			
	■Media Reader: 4-in-1 Card Reader			
	■Ethernet: None			
	■WLAN + Bluetooth			
	■Camera: at least 720p			
	■Microphone: at least 2x, Array			
	■Operating System: licensed Windows 10 Home or Pro			
	■Bundled Software: Microsoft Office Perpetual License			
	■Repair and replacement should be at most 3 month from returning the unit			
	■at least 3 years Warranty			
	■FREE: Backpack			
80	HP 201A Black Original LaserJet Toner Cartridge	pc	1	

	Hardware Compatibility:			
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>			
81	HP 201A Magenta Original LaserJet Toner Cartridge	pc	1	
	Hardware Compatibility:			
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>			
82	HP 201A Yellow Original LaserJet Toner Cartridge	pc	1	
	Hardware Compatibility:			
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>			
83	HP 201A Cyan Original LaserJet Toner Cartridge	pc	1	
	Hardware Compatibility:			
	<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>			
	Rebidding from GOODS-22-22			
63	Air Condition, Split type, Inverter, 2.0 HP	set	1	
	■Cooling capacity: at least 18,500 kj/h			
	■wall mounted			
	■EER rating above 10			
	with Quiet Mode			
	■with remote control			
	with Anti bacterial air filter			
	with Micro Dust Filter			
	with at least 10 years compressor warranty			
	offer must be in the market for at least 10 years			
	with at least 10-Year Warranty on Compressor			
	■with one year warranty on parts and services			
	■with free installation			
64	Aircon, Window Type, 2HP	unit	1	
	Cooling Capacity hp: 2.0, kJ/h 19,100			
	Power Input W: 1,640			
	EER kJ/hW: 11.6			
	Noise Level Indoor (Low) dB A: 48			
	Power Source: V/Phase Hz 230 V, 1Ø			
	Phase - 60 Hz			
	Refrigerant: R32			
	Anti-bacterial filter			
	12-hour off timer			
	Automatic condensate removal			
65	All-in-One Ink Tank Printer Wi-Fi	unit	1	

	Duplex with ADF		
	▣Compact integrated tank design		
	▣Print speeds up to 15ipm for black and 8.0ipm for colour		
	▣Auto-duplex printing Fax and ADF capability / Ethernet &		
	▣Wi-Fi Direct		
	▣Borderless Printing up to A4 size		
	▣Spill-free ink refilling		
	▣Control Panel: 2.4 " Colour LCD Touch Panel		
66	Canon Pixma Ink Bottle, 886	btls	4
67	Computer Keyboard USB	pcs	5
	▣Standard Keyboard with 104 Keys		
	▣USB Connection		
	▣Low Profile Key Caps		
	▣Minimum Key Noise		
	▣Laser Printing for Key Layout		
	▣Spill Resistant Design		
68	Computer Monitor 24", IPS	set	5
	▣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		
69	Computer Printer, All-in-One/Multifunction Colored-Ink Tank	unit	3
	▣Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour		
	▣Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles		
	▣Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices		
	▣3-in-1: Print, copy & scan and borderless photo printing		
	▣Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color		
	▣Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology		
	▣Ink Technology: Dye Ink		
	▣Printing Resolution: 5,760 x 1,440 DPI		
70	Desktop Computer (i7 Branded)	unit	1
	▣CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher		
	▣HDD: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA		

	Hard Drive		
	■RAM: at least 8GB (8GBx1) DDR4 2666MHz		
	■Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5		
	■Screen: 23" IPS Monitor FHD		
	■Optical Drive: No Optical Drive		
	■OS: at least Windows 10 Home Single Language (64bit) English		
71	Desktop Computer (w/o Monitor)	unit	5
	■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		
	■Memory: at least 8GB DDR4 2400 DIMM Desktop Memory		
	■SSD: at least 240GB		
	■Casing with Power Supply		
	■Operating System: Genuine Windows 10 Home (OEM) or higher		
	■w/ USB Keyboard and Mouse		
72	Desktop System Unit Only (no monitor, Assembled), AMD 3600	pc	1
	AMD Ryzen 5 3600 6-Core or higher		
	B450 Chipset MicroATX Motherboard		
	16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory		
	at least 500GB NVME Solid State Drive		
	nVidia GeForce GT 1030 with 2GB DDR5 VRAM		
	650W PSU 80 PLUS GOLD		
	MicroATX casing		
73	Drone (Professional Quadcopter With 5.5" Screen)	unit	1
	Ready To Fly.		
	Obstacle sensing: 5-way.		
	Obstacle avoidance: 4-way.		
	Redundant sensors: obstacle avoidance, dual compasses, dual IMUs.		
	Range: 4.3 miles.		
	Maximum flight time: 30 minutes.		
	Top speed: 45 mph.		
	Big 1-inch sensor.		
	5.5-inch video monitor for controller.		
	4K video @ 60fps.		
	20MP stills, up to 14fps bursts.		
	Mechanical shutter that eliminates rolling distortion.		
	Wireless compatibility		
	Active-Track for locking onto and tracking subjects.		
74	DSLR Camera (24.2 MP, APS-C with	unit	1

	18-55mm lens)		
	24.2MP APS-C CMOS Sensor		
	3.0" 1.04m-Dot Vari-Angle Touchscreen		
	Full HD 1080p Video Recording at 60 fps		
	45-Point All Cross-Type AF System		
	Dual Pixel CMOS AF		
	Expanded ISO 25600, Up to 7 fps Shooting		
	Built-In Wi-Fi with NFCEFS 18-55mm f/3.5-5.6 IS STM		
75	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	2
	■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		
76	External Solid State Drive, (Portable, at least 500GB), USB 3.1	pc	1
	Storage Capacity: 500 GB or higher		
	Connection Interface: 1 x USB 3.1 (USB Type-C)		
	Maximum Read Speed: 550 MB/s		
	Type Solid-State Drive		
	Form Factor: 2.5"		
	Cooling System Passive		
	Environmental Resistance Shock		
	IP Rating IP55		
77	Flatbed Scanner	unit	2
	■Scanner Type:		
	◀Flatbed colour image scanner		
	■Scanning Method:		
	◀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:		
	◀Up to 216 x 297mm		
78	GPS, Waterproof Hiking	unit	2
	General		
	Display Size - 1.6" x 2.2" (4.1 x 5.6 cm)		

	Display Type - 256 color transfective TFT		
	Weight - 7.7 oz (218 g) with batteries		
	Battery Type - 2 AA batteries		
	Battery Life - 18 hours, typical		
	Watering Rating - IPX7		
	High-Sensitivity Receiver - Yes		
	Maps & Memory		
	Ability to add maps - Yes		
	Basemap - Yes		
	Automatic routing (turn by turn routing on roads) - Yes		
	External Memory Storage - 128 microSD card (included)		
	Waypoints/favorites/locations - 1000		
	Track Log - 10,000 points; 20 saved tracks		
	Routes - 50		
	Outdoor Recreation		
	Hunt/Fish Calendar - Yes		
	Sun and Moon information - Yes		
	Geocaching-Friendly - Yes		
	Sensors		
	Barometric Altimeter - Yes		
	Compass - Yes		
	Area Calculation - Yes		
79	Ink, Epson 003,Genuine Black 65mL	btl	37
80	LCD Projector, XGA (1024x768)	unit	5
	■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		
81	Megaphone	unit	3
	Bullhorn		
	1000 yard range		
	For indoor and outdoor use		
	Built-in siren		
	40 W amplifier		
	Built-in mic		
	10 seconds recording function		

82	Printer All-inOne System With Wi-fi, ADF and Ink Tank system	unit	1	
	▣PRINTER TYPE:			
	◀Print, Scan, Copy, Fax with ADF			
	▣ISO PRINT SPEED (BLACK/COLOUR):			
	◀Up to 10 ipm / 5.0 ipm			
	▣ISO PRINT SPEED (BLACK/COLOUR):			
	◀Up to 7.7 ipm / 3.8 ipm			
	▣MAXIMUM COPY SIZE: Legal			
	▣SCAN SPEED (FLATBED / ADF):			
	◀12 sec / 4.5 ipm (black), 29 sec / 4.5 ipm (colour)			
	▣TYPE OF FAX:			
	◀Walk-up Black and white and colour fax capability			
	▣SUPPORTED OS & APPLICATIONS:			
	◀Windows XP / Vista / 7/ 8 / 8.1 / 10			
	◀Windows Server 2003/ 2008 / 2012 / 201			
	◀Mac OS X 10.6.8 or later			
	▣INTERFACE:			
	◀USB 2.0, Ethernet, Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct			
83	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	unit	2	
	▣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		
84	Smart TV, UHD, 55"	pc	1
	55" Crystal UHD TV		
	Real 4K Picture Quality		
	4K Upscaling		
	HDR (High Dynamic Range)		
	UHD Dimming		
	Mega Contrast		
	Adaptive Sound		
	20W Sound Output		
	Connectivity: Ethernet (LAN); HDMI; Wireless LAN Built-in		
	Power Supply: AC 100-240V 50/60Hz		
85	Speaker, for PC, 2.1 (Speaker with Subwoofer)	pc	2
	■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		
86	UPS, 1000 VA	unit	2
	■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		
87	UPS, at least 800 watts	unit	1
	Recharging Time: at most 4 Hours		
88	Wireless Optical Mouse	pcs	7
	Adjustable 500/1000 DPI high-definition tracking engine		
	Reliable 2.4GHz wireless connection, perfect for anti-jamming		
	Supports 4D scroll wheel and optical buttons No installation software or drivers required: plug and play		
	Powered by AA alkaline batteries, you can use this mouse with only one battery		
89	Mouse, Wired Optical, PS/2	pcs	10
	■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			
90	Network Attached Storage, 4 Bay, 1.4GHz ARM CPU	unit	1	
	CPU: Realtek RTD1296, ARM64 64-bit, Quad-Core 1.4GHz			
	Memory: 2GB DDR4			
	Flash Memory: 8GB eMMC			
	Drive Bays: 4			
	Compatible Drive Type: 3.5" SATA HDD, 2.5" SATA HDD, 2.5" SATA SSD			
	Maximum Drive Bays with Expansion Unit: 16			
	Expansion: USB 3.2 Gen 1 x 3			
	Network: 2.5 Gigabit Ethernet (2.5G/1G/100M) x 1			
	Certification: FCC, CE, VCCI, BSMI, C-TICK, KCC, BIS, CCC			
	Input Power Voltage 100V to 240V AC			
	Power Supply Unit / Adapter: 90W x1			
	System Fan: 120 mm x 1			
91	Printer, computer, continuous ink system, 4-in-1 (Print, Scan, Xerox copy, Fax with ADF)	unit	1	
	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			
92	Random Access Memory, DDR4, 2666Mhz, 8GB	pcs	15	
	Memory Capacity: 8GB			
	Speed: 2666MHz			
	Error Check: Non-ECC			
	Module Type: DIMM •			
	CAS Latency: CL19			
	Form Factor: DDR4			
	Pins: 288 Pin			
	Memory Voltage: 1.2V			
93	Universal HDMI to VGA Adapter Cable, at least 1.8 meters	units	2	
	Universal HDMI to VGA Adapter Cable			

94	USB Hub, 4 gans	pcs	4	
95	Web Camera for PC	units	2	
	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 deg. celcius to 60deg. Celcius			
96	Computer HD Webcam	pcs	2	
	1080P Full HD Webcam			
	Lens: 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			
	Interface Type: USB2.0			
	Microphone: Built-in microphone			
	Focusing Range: 20mm			
97	External Hard Disk Drive (Portable, 1TB), USB 3.1	unit	2	
	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			
98	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	unit	1	
	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		
99	Antivirus Software 3 Device, 1+1 Year Licence include VPN (enrolled auto- renewal)	pcs	2
	■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		
100	Paper shredder machine, heavy duty	pc	1
	■Shred Type: Cross Cut		
	■Maximum Sheet capacity(70gsm) : 10 Sheets		
	■Waste Container capacity: 21 Liters		
	■Power Source: 220 - 240 VAC		
101	Water Dispenser, Cabinet type	pc	1
	■Floor standing		
	■Hot and cold function		
	■plastic body,high efficiency compressor		
	■thermally protected		
102	Document Scanner w/ ADF	unit	1
	■Flatbed Colored Document Scanner		

	■ <i>Combining a flatbed scanner with the convenience of a 50-page ADF</i>			
	■ <i>Quickly scan stacks of documents up to 8.5" x 14"</i>			
	■ <i>Resolution: 1200 x 1200 dpi</i>			

Section VII. Technical Specifications

Technical Specifications

Item No.	Unit	Qty	Description	Statement of Compliance
1	unit	1	75-inch Smart Quantum 4K TV with FREE Soundbar and Wall Bracket	[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable
			Display Size (inches)	
			75	
			TV Resolution	
			4K UHD	
			Ports Input	
			HDMI,USB	
			Smart TV OS	
			VIDAA	
			TV Technology	
			LED	
			Warranty Type	
			Local Supplier Warranty	
2	unit	3	Aircon, Window Type, 2HP	
			Cooling Capacity hp: 2.0, kJ/h 19,100	
			Power Input W: 1,640	
			EER kJ/hW: 11.6	
			Noise Level Indoor (Low) dB A: 48	
			Power Source: V/Phase Hz 230 V, 1Ø	
			Phase - 60 Hz	
			Refrigerant: R32	
			Anti-bacterial filter	
			12-hour off timer	
			Automatic condensate removal	
3	unit	1	Automatic Voltage Regulatory (AVR), 1500W, heavy duty	
			☐Input: 220volts	
			☐Power: 1500watts	
			☐Output: 110-220 volts	
			☐Range voltage 120v-220 volts	
			☐Servo motor controlled	
4	pcs	6	CCTV IP Camera	
			☐2MP WDR, with Built-in Mic	
			☐12v, DC	
			☐30m IR range,	
			☐1920x1080 Max. Resolution	
			☐Dome Type	
			☐2.8/4mm fixed lens	
5	unit	3	Computer Printer, All-in-One/Multifunction Colored-Ink Tank	
			☐Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour	
			☐Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles	
			☐Wi-Fi, Wi-Fi Direct & apps: Print from	

			mobile devices	for prosecution subject to the applicable laws and issuances.]
			■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	
6	set	1	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	
7	unit	1	Document Scanner w/ ADF	
			■Flatbed Colored Document Scanner	
			■Combining a flatbed scanner with the convenience of a 50-page ADF	
			■Quickly scan stacks of documents up to 8.5" x 14"	
			■Resolution: 1200 x 1200 dpi	
8	btls	20	Epson 001 ink, Black, 127ml, Genuine	
9	btls	20	Epson 001 ink, Cyan, Genuine	
10	btls	20	Epson 001 ink, Magenta, Genuine	
11	btls	20	Epson 001 ink, Yellow, Genuine	
12	unit	5	External Hard Disk Drive (Portable, 2TB), USB 3.1	
			■Shock-absorbing	
			■Interface: USB 3.1 (Max.5Gb/s)	
			■Capacity: 2TB	
			■Texture: Plastic/Rubber	
			■Operating Voltage: DC 5V, 900mA	
			■System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later	
13	pc	1	External Hard Disk Drive, (Portable 500GB), USB 3.0	
			■Hard Drive Type:2.5" HDD	
			■USB Interface: USB 3.0	

			Capacity:500GB	
14	unit	2	HDMI to HDMI, Shielded	
			High-speed HDMI to HDMI cable,	
			Works with HDTVs, digital cameras/camcorders, MP3 players, and other HDMI devices	
			Supports Ethernet, 3D, and Audio Return	
			Meets HDMI 1.4 specifications; shielded to defend against interference	
			Cable length:10 Meters	
15	unit	1	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	
16	btl	110	Ink, Epson 003,Genuine Black 65mL	
17	btl	64	Ink, EPSON 003,Genuine Cyan 65mL	
18	btl	64	Ink, EPSON 003,Genuine Magenta 65mL	
19	btl	54	Ink, EPSON 003,Genuine Yellow 65mL	
20	pcs	28	Ink, Epson, genuine (C) T664, 70 ml	
21	pcs	28	Ink, Epson, genuine (M) T664, 70 ml	
22	pcs	85	Ink, Epson, genuine, (BK) T664, 70 ml	
23	pcs	29	Ink, Epson, genuine, (Y) T664, 70 ml	
24	unit	1	LCD Projector SVGA (800x600)	
			Projection System: 3LCD Technology, RGB liquid crystal shutter	
			Resolution: SVGA (800x600), 4:3	
			Light Output: 3,300 Lumen- 2,050 Lumen (economy)	
			Contrast Ratio: 15,000:1	
			Lamp: 210 W	
			Lamp Hours: 6,000-10,000	
25	unit	2	LCD Projector, XGA (1024x768)	
			Projection Method: Front/rear/ceiling mount	
			Pixel Number: at least 786,432 dots (1024 x 768) x 3	
			Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4	
			Aspect ratio: 4:3	
			Lamp Life: ECO Mode up to 5000 hrs	
			Normal Mode up to 4000 hrs	

			▣Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)
			▣Keystone Correction: Manual
			▣USB Plug 'n Play: Compatible w/ PC and MAC computers
			▣Contrast Ratio: 15.000 : 1
			▣Color Reproduction: 16.77 million color
26	unit	1	Mini Vault / Steel Security Safe (.50 Cu Ft.) - Digital Lock
			<i>SPECIFICATION</i>
			<i>Weight: 23.4 lbs.</i>
			<i>Programmable Digital Lock with LED Display</i>
			<i>Pre-Drilled Holes & Mounting Kit Included</i>
			<i>0.50 cu ft Interior Storage Capacity</i>
			<i>Two Motorized Locking Door Bolts</i>
			<i>Concealed Hinges & Recessed Door</i>
			<i>Includes 1 Removable Shelf</i>
			<i>Flat Bottom Door Entryway</i>
			<i>Carpeted Floor prevents scratching of valuables</i>
			<i>Override Access Keys (2 Included)</i>
27	pcs	3	Mouse, Wired, Optical, USB
			▣USB Port Connectivity
			▣Sensor: Optical
			▣DPI: 1600
			▣Work method: Wired
			▣Buttons: Left button, middle button, right button
			▣Scroll wheel direction: Two way
			▣Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design
28	pc	3	Office chair, with arm rest
			▣at least (580mmx600mx890-990mm)
			▣Butterfly Mechanism = 360 Degree Swivel Seat
			▣Backrest: Polypropylene (Pp) Plastic With New Foam Covered With Mesh Fabric
			▣Seat: Plywood Seatpad With Injection Molded Foam, Covered With Polyester Fabric
			▣Arm: Polypropylene plastic
			▣Base: Chrome finish, Adjustable lumbar support, pneumatic seat height adjustment
29	unit	3	Portable Pressure Washer Power Sprayer
			<i>Voltage: 220-240 V</i>
			<i>Frequency: 50/60 Hz</i>
			<i>Rated Power: 1,200 W</i>

			<i>Rated Pressure: 70 bar</i>	
			<i>Maximum Pressure: 100 bar</i>	
			<i>Rated Flow: 5.5 L/min</i>	
			<i>Maximum Pressure Water Supply: 1.2 M Pa</i>	
			<i>Maximum Water Temperature: 50 C</i>	
			<i>Sound Pressure Level: 81 dB</i>	
			<i>Sound Power Level: 92 dB</i>	
30	unit	3	Printer, Ink Tank, Print Only	
			▣ <i>Printing Technology: On-demand inkjet (Piezoelectric)</i>	
			▣ <i>Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)</i>	
			▣ <i>Print Direction: Bi-directional printing</i>	
			▣ <i>Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)</i>	
			▣ <i>Minimum Ink Droplet Size: 3 pl</i>	
			▣ <i>Compact integrated tank design</i>	
			▣ <i>High yield ink bottles</i>	
			▣ <i>Spill-free, error-free refilling</i>	
			▣ <i>Borderless printing up to 4R</i>	
31	unit	4	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	
			▣ <i>Tank Ink System</i>	
			▣ <i>Printer Type: Print, Scan and Copy</i>	
			▣ <i>Scanner Type: Flatbed colour image scanner</i>	
			▣ <i>Sensor Type: CIS</i>	
			▣ <i>Optical Resolution: 600 x 1200 dpi</i>	
			▣ <i>Copy Speed: Maximum Copies from Standalone: 20 copies</i>	
			▣ <i>Maximum Copy Size: A4, Letter</i>	
			▣ <i>ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm</i>	
			▣ <i>Max Copy Resolution: 300 x 300 dpi</i>	
			▣ <i>Paper Handling: Up to 20 Sheets- Premium Glossy Photo Paper 10 Sheets- Envelope, 30 Sheets-Postcard</i>	
			▣ <i>Output Capacity: Up to 30 sheets</i>	
			▣ <i>A4 plain paper: 20 sheets, Premium Glossy Photo Paper</i>	
			▣ <i>Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")</i>	
			▣ <i>Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)</i>	
			▣ <i>Print Direction: Bi-directional printing</i>	
			▣ <i>Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with</i>	

			Variable-Sized Droplet Technology)	
			■Minimum Ink Droplet Size: 3 pl	
32	unit	1	Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter	
			Refrigerator - at least 3.5 cu. ft., Two-door Personal Refrigerator (Direct Cool), inverter	
33	box	2	Ribbon Cartridge, Epson FX1170 S015520 #8755	
34	unit	5	Selfie LED Ring Light 10" with Tripod	
			Material: ABS+ aluminum alloy	
			Lighting: warm and cold light	
			Modes: three color light adjustment (can adjust brightness)	
			Working temperature: less than 45°C, no hot hazard, safe to touch	
			Tripod stand height: up to 210cm	
35	unit	4	Unifi 500W PoE+ Switch	
			■24 ports PoE+ Switch 500W	
			■Network Interfaces: (24) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports	
			■Management Interface: (1) RJ45 Serial Port Out-of-Band, Ethernet In-Band	
			■Total Non-Blocking Throughput: 26 Gbps	
			■Switching Capacity: 52 Gbps	
			■Forwarding Rate: 38.69 Mpps	
			■MAC Address Table: 16384	
			■Maximum Aggregations: 6	
			■Monitoring Sessions 1; Maximum VLANs 255	
			■Power Method 100-240VAC/50-60 Hz, Universal Input	
			■Power Supply AC/DC, Internal, 500W DC	
			■Max. Power Consumption: Including PoE	
			■Output: 500W Excluding PoE Output: 30W;	
			■ESD/EMP Protection Air: ± 24 kV, Contact: ± 24 kV	
			■Shock and Vibration ETSI300-019-1.4 Standard	
			■Operating Temperature -5 to 40° C (23 to 104° F)	
			■Operating Humidity 5 to 95% Noncondensing	
			■Certifications CE, FCC, IC	
			■PoE Interfaces PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-)	

			☐Max. PoE+ Wattage per Port by PSE 34.2W
			☐Voltage Range 802.3at Mode 50–57V
			☐Max. Passive PoE Wattage per Port 17W
			☐24V Passive PoE Voltage Range 20-27V
			☐Should be compatible with existing Unifi Controller of the University
			☐1-year warranty
36	unit	3	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
37	pc	2	UPS, 650VA, Universal Sockets
			Output Power Capacity: 325 Watts/650VA
			Output Frequency: 50/60 Hz +/- 1 Hz
			Output Connections: (2) Universal Receptacle
			Nominal Input Voltage: 230V
			Input Connections: NEMA 5-15P
			Maximum Input Current: 5A
			Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof
			Recharging Time: 4 Hours
38	pcs	2	USB Hub, 4 gangs
39	boxes	3	UTP Cable (300 meters), CAT 6 23 AWG
			☐UTP Cable cat6
			☐Cat 6 Cable UTP Unshielded AWG23
			☐Gray Data LAN Cable
			☐1000 feet 305m 1000ft.
			☐must be UL listed & ISO certified cable
40	unit	7	Wireless Access Point
			☐Networking Interface (1) 10/100/1000 Ethernet Port
			☐Buttons Reset
			☐Power Method 802.3af PoE
			☐Power Supply UniFi Switch (PoE)
			☐Power Save Supported
			☐Beamforming Supported
			☐Maximum Power Consumption 10.5W
			☐Supported Voltage Range 44 to 57VDC
			☐TX Power

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

			☐Should be compatible with existing UniFi Controller	
41	set	1	Desktop Computer (i7 Branded)	
			☐CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher	
			☐HDD: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive	
			☐RAM: 8GB (8GBx1) DDR4 2666MHz	
			☐Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5	
			☐Screen: 23" IPS Monitor FHD	
			☐Optical Drive: No Optical Drive	
			☐OS: Windows 10 Home Single Language (64bit) English	
42	pc	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	
43	pcs	5	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	
44	pcs	2	Headset with Noise Cancelling Mic	
			☐Input Impedance: at least 32 Ohms	
			☐Sensitivity (headphone):at least 94 dBV/Pa +/- 3 dB	
			☐Sensitivity (microphone): -17 dBV/Pa +/- 4 dB	
			☐Frequency response (Headset): 20 Hz - 20 KHz	
			☐Frequency response (Microphone): 100 Hz - 10 KHz	
			☐Cable Length: at least 7 ft	
			☐Connections: USB-A compatible (1.1,	

			2.0, 3.0), USB port 1Type A port or adapter
45	units	2	Desktop Computer (Assembled), Intel Core i5
			☐Intel® Core™ i5-10400 Processor 12M Cache, up to 4.30 GHz (6 Cores and 12 Threads) or higher
			☐Intel H470 Chipset Ultradurable mATX Motherboard
			☐16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory
			☐500GB NVME Solid State Drive
			☐mATX Casing with 650W PSU 80 PLUS GOLD
			☐Genuine Windows 10 Home Operating System
			☐Gaming Keyboard and Optical Mouse
			☐27" IPS Monitor with Frameless Bezel (Full HD with 75Hz Refresh Rate)
			☐325WATTS/650VA Battery Backup & Surge Protector UPS
46	unit	2	Automatic Emergency Light LED
47	pc	3	Water Dispenser, Cabinet type
			☐Floor standing
			☐Hot and cold function
			☐plastic body,high efficiency compressor
			☐thermally protected
48	unit	3	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
49	pcs	2	Web Camera up to 4K with Omnidirectional 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

			<ul style="list-style-type: none"> ■USB connectivity: USB-A plug-and-play, supports USB-C with third party adapter (not included)
			<ul style="list-style-type: none"> ■Detachable universal mounting clip fits laptops, LCD or monitors
			<ul style="list-style-type: none"> ■With HDR for clear image in various lighting environments ranging from low light to direct sunlight.
			<ul style="list-style-type: none"> ■Image controls with optional Camera Settings application for control of pan, tilt, and zoom
			<ul style="list-style-type: none"> ■Infrared sensor technology for Windows (SDK available for application integration)
			<ul style="list-style-type: none"> ■Attachable privacy shutter
50	pc	1	Flash Drive, 128GB, USB 3.0
			<ul style="list-style-type: none"> ■Capacity:128GB
			<ul style="list-style-type: none"> ■Interface: USB 3.0
			<ul style="list-style-type: none"> ■Speed: 100MB/s read, 10MB/s write
51	box of 50's	2	Ink, Black C13T05A100 for Epson Copier ProWF-C878R
52	box of 50's	1	Ink, Cyan C13T05A200 Epson Copier ProWF-C878R
53	box of 50's	1	Ink, Magenta C13T05A300 for Epson Copier ProWF-C878R
54	box of 50's	1	Ink, Yellow C13T05A400 for Epson Copier ProWF-C878R
55	pcs	2	Flash Drive, at least 32GB USB 3.0
56	unit	2	Rechargeable Wireless Keyboard and Mouse Set
			<ul style="list-style-type: none"> ■Rechargeable Office Wireless Keyboard and Mouse Set
			<ul style="list-style-type: none"> ■Size: 284*121*16.mm
			<ul style="list-style-type: none"> ■Weight: 280g
			<ul style="list-style-type: none"> ■Connection method: USB receiver/Bluetooth
57	pc	1	Hard disk 500GB, 7200rpm, for desk top computer
58	set	2	Computer Monitor 24", IPS
			<ul style="list-style-type: none"> ■Panel Size: Wide Screen 23.8"(60.5cm) 16:9
			<ul style="list-style-type: none"> ■Color Saturation : 72%(NTSC)
			<ul style="list-style-type: none"> ■Panel Type : In-Plane Switching
			<ul style="list-style-type: none"> ■True Resolution : 1920x1080
			<ul style="list-style-type: none"> ■Brightness(Max) : 250 cd/m
			<ul style="list-style-type: none"> ■Contrast Ratio (Max) : 1000:1
			<ul style="list-style-type: none"> ■Response Time : 5ms (Gray to Gray)
			<ul style="list-style-type: none"> ■Display Colors : 16.7M
			<ul style="list-style-type: none"> ■Flicker free
59	unit	1	Desktop (Mini) System Unit (8 Core,

			M1 Chip)	
			<i>Chip Apple M1 chip</i>	
			<i>8-core CPU with 4 performance cores and 4 efficiency cores</i>	
			<i>8-core GPU</i>	
			<i>16-core Neural Engine</i>	
			<i>8GB unified memory</i>	
			<i>256GB SSD</i>	
			<i>Operating System: macOS Monterey</i>	
			<i>Simultaneously supports up to two displays: One display with up to 6K resolution at 60Hz connected via Thunderbolt and one display with up to 4K resolution at 60Hz connected via HDMI 2.0</i>	
			<i>Native DisplayPort output over USB-C</i>	
			<i>HDMI 2.0 display video output</i>	
			<i>3.5mm headphone jack</i>	
			<i>HDMI 2.0 port supports multichannel audio output</i>	
			<i>Configurable to 10Gb Ethernet (Nbase-T Ethernet with support for 1Gb, 2.5Gb, 5Gb, and 10Gb Ethernet using RJ-45 connector)</i>	
			<i>Bluetooth 5.0 wireless technology</i>	
			<i>802.11ax Wi-Fi 6 wireless networking</i>	
			<i>IEEE 802.11a/b/g/n/ac compatible</i>	
60	unit	1	Tablet 10.9", 64GB, iPadOS, Wifi Only	
			▣64GB Storage Capacity	
			▣A14 Bionic chip with 64-bit architecture, Neural Engine	
			▣10.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology	
			▣2360-by-1640-pixel resolution at 264 pixels per inch (ppi)	
			▣Wide color display (P3)	
			▣True Tone display	
			▣Fingerprint-resistant oleophobic coating	
			▣Fully laminated display	
			▣Antireflective coating	
			▣12MP Wide camera	
			▣f/1.8 aperture	
			▣Five-element lens	
			▣Hybrid IR filter	
			▣4K video recording at 24 fps, 30 fps, or 60 fps	
			▣1080p HD video recording at 30 fps or 60 fps	
			▣Slo-mo video support for 1080p at 120 fps or 240 fps	
			▣7MP photos	
			▣f/2.2 aperture	
			▣1080p HD video recording at 60 fps	

			■Wide color capture for photos and Live Photos
			■Smart HDR
			■Stereo speakers■Dual microphones for calls, video recording, and audio recording
			■802.11ax Wi-Fi 6; simultaneous dual band (2.4GHz and 5GHz); HT80 with MIMO
			■UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE
61	pc	1	UPS, at least 500w
			Recharging Time: at most 4 Hours
62	unit	1	Compact Camera
			AF Modes: One Shot AF, Servo AF, Manual Focus
			AF Point Selection
			AF System Points
			Built-in Flash: YES
			Closest Focusing Distance (cm): 5
			Continuous Shooting Speed (Shots Per Sec) (Up To): Approx. 8.0
			Digital Zoom: 4x
			Dimensions (Excl. Protrusions) (mm) (Approx.): 105.5 x 60.9 x 42.2
			Drive System
			Effective ISO: 125 - 12800
			Effective Pixels (Megapixels): 20.1
			Exposure Compensation: ±3 stops in 1/3-stop increments
			Flash Modes: Auto, On, Slow Synchro, Off
			Focal Length (35mm Equivalent): 24 - 100mm (4.2x)
			Guide Number ISO 100 metres
			Image Resolution: 4:3 4864 x 3648(L) 3248 x 2432(M) 2432 x 1824(S1) 2112 x 1600(S2) 3:2 5472 x 3648(L) 3648 x 2432(M) 2736 x 1824(S1) 2400 x 1600(S2)
			Image Stabilizer: Lens-shift type
			LCD Monitor (Size) (Inch): 3
			LCD Monitor Resolutions (dots): 1040000
			Manual Focus: YES
			Memory Card Type: SD, SDHC, SDXC
			Metering Mode: Evaluative, Center-weighted average, Spot
			Movie Format: MP4
			Optical Zoom: 4.2x
			Optional Power
			Peripheral Connections
			Processor Type: DIGIC 7

			Sensor Size: 1.0"
			Shooting Modes: C, M, Av, Tv, P, Hybrid Auto, Auto, SCN*, Movie*** Self Portrait, Portrait, Panning, Star^, Handheld Night Scene, High Dynamic Range, Fish-eye Effect, Oil-Painting Effect, Water-Painting Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus,
			Shutter Speed Range (Sec.): 30 - 1/2000, Bulb
			Standard Power Supply: Battery Pack NB-13L
			Still Image Format: JPEG, RAW
			Viewfinder Coverage (Approx.)
			Viewfinder Type
			Weight (g) (Including the battery and memory card) (Approx.): 319
			*For camera kits, weight includes kit lens(es).
			White Balance: Auto, Day Light, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash, Underwater, Custom, Color Temp
63	pc	1	Computer Keyboard USB
			▣Standard Keyboard with 104 Keys
			▣USB Connection
			▣Low Profile Key Caps
			▣Minimum Key Noise
			▣Laser Printing for Key Layout
			▣Spill Resistant Design
64	pc	1	CPU (Central Processing Unit)
			▣AMD A10-8770 Processor
			▣Motherboard compatible with the processor
			▣Kingston 4GB DDR4-2666 Memory
			▣CPU Casing w/ PSU
			▣256GB SSD
65	unit	1	Motherboard for 10th Intel Gen Processor, with Generic Casing and Power supply
			Motherboard:
			Intel® LGA 1200 socket: Ready for 10th Gen Intel® Core™ processors,
			Micro-ATX form factor
			Enhanced power solution: 6+1+1 power stages, military-grade components, and Digi+ VRM for maximum durability
			Comprehensive cooling: VRM heatsink, M.2 heatsink, PCH heatsink
			Made for online gaming: Intel® WiFi 6, Intel® Ethernet Connection I219-V,
			Realtek S1200A codec: Pristine audio quality with unprecedented 108 dB

			<i>signal-to-noise ratio for stereo line out and 103 dB SNR for line in</i>
			<i>Aura Sync RGB Lighting: Synchronizable LED effects across a vast portfolio of compatible PC gear, including addressable RGB strips</i>
			Casing
			<i>Micro-ATX Case</i>
			<i>Generic 700watts power supply</i>
66	pc	1	Mouse, Wired Optical, PS/2
			☐ <i>Ergonomic Design: Symmetric</i>
			☐ <i>Sensor : Optical</i>
			☐ <i>Type: Wired (PS2)</i>
			☐ <i>System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10</i>
			☐ <i>2 buttons + scrolling wheel optical mouse</i>
			☐ <i>Works on most surfaces</i>
			☐ <i>Microsoft system compatible</i>
			☐ <i>Resolution: 1000 DPI</i>
67	pc	1	Random Access Memory, DDR4, 2666Mhz, 8GB
			<i>Memory Capacity: 8GB</i>
			<i>Speed: 2666MHz</i>
			<i>Error Check: Non-ECC</i>
			<i>Module Type: DIMM •</i>
			<i>CAS Latency: CL19</i>
			<i>Form Factor: DDR4</i>
			<i>Pins: 288 Pin</i>
			<i>Memory Voltage: 1.2V</i>
68	pc	1	Battery Charger for 9 Volts Battery
			<i>For 9 volts rechargeable batteries</i>
			<i>*Charges 2x rechargeable batteries (9 volts) at the same time\</i>
			<i>*With 110v & 220v setting</i>
			<i>Compatible with Nickel-Cadmium & Nickel-Metal Hydride rechargeable batteries</i>
69	btls	2	Ink HP GT51 Black (K)
70	btls	2	Ink HP GT52 Cyan (C)
71	btls	2	Ink HP GT52 Magenta (M)
72	btls	2	Ink HP GT52 Yellow (Y)
73	units	6	Air Condition Non-Inverter Window type 0.5HP, Standard size
			☐ <i>at most 600 Watts</i>
			☐ <i>cooling capacity: at least 5000 Kilo joules per hour</i>
			☐ <i>at least EER 10.0</i>
74	unit	2	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF
			☐ <i>Compact integrated tank design</i>
			☐ <i>Print speeds up to 15ipm for black and 8.0ipm for colour</i>

			☐Auto-duplex printing Fax and ADF capability / Ethernet &
			☐Wi-Fi Direct
			☐Borderless Printing up to A4 size
			☐Spill-free ink refilling
			☐Control Panel: 2.4 " Colour LCD Touch Panel
75	set	15	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
76	unit	1	Heavy Duty Combo Binding Machine
			ΦSpecs:
			☐Maximum Punching Sheets: 25
			☐Max Size: LS, F4, A4, Extra Long
			☐Selectable Punching Pins: 24 slots
			☐Net Weight: 12.5kgs
77	unit	1	Thermal Binding Machine-Glue Thermal Book Binder
			- Thermal binding
			- for desktop of medium duty thermal binding projects
			- Max thickness of binding is 2"
			- 3-minute thermal binding cycle with 1 minute heat-up time
			- HeatShield safety barrier - prevents accidental contact with the heating plate
			- Visual indicators- shows when machine is ready for thermal binding
			- Ready-beep sounds when thermal binding cycle is complete.
			- Internal clamps hold documents in place during thermal binding process.
			- Auto shut-off safety feature prevents overheating.
			- Stylish design folds flat for storage.
			- For use with thermal binding covers only.
			- Max thickness of binding:2"
			- Warm up time: within 3 minute
			- Thickness of cover:50-350g
			- Item Weight: 4.1kg / 9.04Lbs
			- Item Size: 38 * 23 * 18cm / 14.96 * 9.06 * 7.09"
			- Package Weight: 4.4kg / 9.7Lbs
78	sets	2	Desktop computer, Branded, AMD

			Ryzen 5	
			<i>Processor: Up to AMD Ryzen™ 5</i>	
			<i>Operating System: Up to Windows 10 Pro</i>	
			<i>Graphics: Integrated AMD graphics, Discrete NVIDIA GeForce® GT 730</i>	
			<i>Memory: at least 8GB DDR4 2666 MHz</i>	
			<i>Storage: at least 1TB 7200rpm SATA HDD, and Up to 512GB PCIe SSD</i>	
			<i>Security: Trusted Platform Module firmware</i>	
			<i>Smart USB protection in BIOS: Disable I/O ports in BIOS: USB audio</i>	
			<i>Connectivity: WiFi ac 1 x 1, Bluetooth®, Front Ports at least 2 x USB 3.1 Gen 1 at least 2 x USB2.0, Audio out Mic 7-in-1 card reader (optional); Rear Ports: at least 2 x USB 2.0 VGA HDMI Audio in Audio out Mic RJ-45 Parallel port (optional)</i>	
			<i>USB Keyboard and Mouse</i>	
			<i>Monitor: at least 23 inches IPS LCD/LED at least 1920x1080 addressability at least 16 million colors 100-240VAC</i>	
			<i>50/60Hz UPS: at least 600VA</i>	
			<i>Typical recharge time: at most 4 hour</i>	
			<i>At least 3 years warranty</i>	
79	units	2	Laptop, 14" (i7)	
			■Processor: Intel Core i7 10th generation or higher	
			■Graphics: NVIDIA GeForce MX250 at least 2GB GDDR5	
			■Memory: at least 8GB DDR4-2666	
			■Storage: at least 256GB SSD M.2 + 1TB HDD	
			■Display: 14" FHD (1920x1080) IPS 250nits Anti-glare	
			■Touchscreen: None	
			■Optical: None	
			■Media Reader: 4-in-1 Card Reader	
			■Ethernet: None	
			■WLAN + Bluetooth	
			■Camera: at least 720p	
			■Microphone: at least 2x, Array	
			■Operating System: licensed Windows 10 Home or Pro	
			■Bundled Software: Microsoft Office Perpetual License	
			■Repair and replacement should be at most 3 month from returning the unit	
			■at least 3 years Warranty	
			■FREE: Backpack	
80	pc	1	HP 201A Black Original LaserJet	

			Toner Cartridge
			Hardware Compatibility:
			<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>
81	pc	1	HP 201A Magenta Original LaserJet Toner Cartridge
			Hardware Compatibility:
			<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>
82	pc	1	HP 201A Yellow Original LaserJet Toner Cartridge
			Hardware Compatibility:
			<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>
83	pc	1	HP 201A Cyan Original LaserJet Toner Cartridge
			Hardware Compatibility:
			<i>HP Color Laserjet Pro M252 Printer Series, HP Color Laserjet Pro MFP M277 series</i>
			Rebidding from GOODS-22-22
63	set	1	Air Condition, Split type, Inverter, 2.0 HP
			■Cooling capacity: at least 18,500 kj/h
			■wall mounted
			■EER rating above 10
			with Quiet Mode
			■with remote control
			with Anti bacterial air filter
			with Micro Dust Filter
			with at least 10 years compressor warranty
			offer must be in the market for at least 10 years
			with at least 10-Year Warranty on Compressor
			■with one year warranty on parts and services
			■with free installation
64	unit	1	Aircon, Window Type, 2HP
			Cooling Capacity hp: 2.0, kJ/h 19,100
			Power Input W: 1,640
			EER kJ/hW: 11.6
			Noise Level Indoor (Low) dB A: 48
			Power Source: V/Phase Hz 230 V, 1Ø
			Phase - 60 Hz
			Refrigerant: R32
			Anti-bacterial filter
			12-hour off timer
			Automatic condensate removal

65	unit	1	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF
			☐Compact integrated tank design
			☐Print speeds up to 15ipm for black and 8.0ipm for colour
			☐Auto-duplex printing Fax and ADF capability / Ethernet &
			☐Wi-Fi Direct
			☐Borderless Printing up to A4 size
			☐Spill-free ink refilling
			☐Control Panel: 2.4 " Colour LCD Touch Panel
66	btls	4	Canon Pixma Ink Bottle, 886
67	pcs	5	Computer Keyboard USB
			☐Standard Keyboard with 104 Keys
			☐USB Connection
			☐Low Profile Key Caps
			☐Minimum Key Noise
			☐Laser Printing for Key Layout
			☐Spill Resistant Design
68	set	5	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
69	unit	3	Computer Printer, All-in-One/Multifunction Colored-Ink Tank
			☐Ultra-low-cost printing: Print up to 4,500 pages in black and 7,500 in colour
			☐Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles
			☐Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices
			☐3-in-1: Print, copy & scan and borderless photo printing
			☐Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color
			☐Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology
			☐Ink Technology: Dye Ink
			☐Printing Resolution: 5,760 x 1,440 DPI
70	unit	1	Desktop Computer (i7 Branded)
			☐CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher
			☐HDD: 256GB M.2 PCIe NVMe Solid

			State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive
			■RAM: at least 8GB (8GBx1) DDR4 2666MHz
			■Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5
			■Screen: 23" IPS Monitor FHD
			■Optical Drive: No Optical Drive
			■OS: at least Windows 10 Home Single Language (64bit) English
71	unit	5	Desktop Computer (w/o Monitor)
			■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
			■Memory: at least 8GB DDR4 2400 DIMM Desktop Memory
			■SSD: at least 240GB
			■Casing with Power Supply
			■Operating System: Genuine Windows 10 Home (OEM) or higher
			■w/ USB Keyboard and Mouse
72	pc	1	Desktop System Unit Only (no monitor, Assembled), AMD 3600
			AMD Ryzen 5 3600 6-Core or higher
			B450 Chipset MicroATX Motherboard
			16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory
			at least 500GB NVME Solid State Drive
			nVidia GeForce GT 1030 with 2GB DDR5 VRAM
			650W PSU 80 PLUS GOLD
			MicroATX casing
73	unit	1	Drone (Professional Quadcopter With 5.5" Screen)
			Ready To Fly.
			Obstacle sensing: 5-way.
			Obstacle avoidance: 4-way.
			Redundant sensors: obstacle avoidance, dual compasses, dual IMUs.
			Range: 4.3 miles.
			Maximum flight time: 30 minutes.
			Top speed: 45 mph.
			Big 1-inch sensor.
			5.5-inch video monitor for controller.
			4K video @ 60fps.
			20MP stills, up to 14fps bursts.
			Mechanical shutter that eliminates rolling distortion.
			Wireless compatibility
			Active-Track for locking onto and tracking subjects.

74	unit	1	DSLR Camera (24.2 MP, APS-C with 18-55mm lens)
			24.2MP APS-C CMOS Sensor
			3.0" 1.04m-Dot Vari-Angle Touchscreen
			Full HD 1080p Video Recording at 60 fps
			45-Point All Cross-Type AF System
			Dual Pixel CMOS AF
			Expanded ISO 25600, Up to 7 fps Shooting
			Built-In Wi-Fi with NFC/EF-S 18-55mm f/3.5-5.6 IS STM
75	unit	2	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
76	pc	1	External Solid State Drive, (Portable, at least 500GB), USB 3.1
			Storage Capacity: 500 GB or higher
			Connection Interface: 1 x USB 3.1 (USB Type-C)
			Maximum Read Speed: 550 MB/s
			Type Solid-State Drive
			Form Factor: 2.5"
			Cooling System Passive
			Environmental Resistance Shock
			IP Rating IP55
77	unit	2	Flatbed Scanner
			■Scanner Type:
			◀Flatbed colour image scanner
			■Scanning Method:
			◀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:
			◀Up to 216 x 297mm
78	unit	2	GPS, Waterproof Hiking
			General

			Display Size - 1.6" x 2.2" (4.1 x 5.6 cm)
			Display Type - 256 color transfective TFT
			Weight - 7.7 oz (218 g) with batteries
			Battery Type - 2 AA batteries
			Battery Life - 18 hours, typical
			Watering Rating - IPX7
			High-Sensitivity Receiver - Yes
			Maps & Memory
			Ability to add maps - Yes
			Basemap - Yes
			Automatic routing (turn by turn routing on roads) - Yes
			External Memory Storage - 128 microSD card (included)
			Waypoints/favorites/locations - 1000
			Track Log - 10,000 points; 20 saved tracks
			Routes - 50
			Outdoor Recreation
			Hunt/Fish Calendar - Yes
			Sun and Moon information - Yes
			Geocaching-Friendly - Yes
			Sensors
			Barometric Altimeter - Yes
			Compass - Yes
			Area Calculation - Yes
79	btl	37	Ink, Epson 003,Genuine Black 65mL
80	unit	5	LCD Projector, XGA (1024x768)
			■Projection Method: Front/rear/ceiling mount
			■Pixel Number: at least 786,432 dots (1024 x 768) x 3
			■Color Brightness: 3.600 lumen- 2.235 lumen (economy) In accordance with IDMS15.4
			■Aspect ratio: 4:3
			■Lamp Life: ECO Mode up to 5000 hrs
			■Normal Mode up to 4000 hrs
			■Projection Distance Wide/Tele: 1,8 m - 2,17 m (60 inch screen)
			■Keystone Correction: Manual
			■USB Plug 'n Play: Compatible w/ PC and MAC computers
			■Contrast Ratio: 15.000 : 1
			■Color Reproduction: 16.77 million color
81	unit	3	Megaphone
			Bullhorn
			1000 yard range
			For indoor and outdoor use
			Built-in siren
			40 W amplifier
			Built-in mic

			10 seconds recording function	
82	unit	1	Printer All-inOne System With Wi-fi, ADF and Ink Tank system	
			▣PRINTER TYPE:	
			◀Print, Scan, Copy, Fax with ADF	
			▣ISO PRINT SPEED (BLACK/COLOUR):	
			◀Up to 10 ipm / 5.0 ipm	
			▣ISO PRINT SPEED (BLACK/COLOUR):	
			◀Up to 7.7 ipm / 3.8 ipm	
			▣MAXIMUM COPY SIZE: Legal	
			▣SCAN SPEED (FLATBED / ADF):	
			◀12 sec / 4.5 ipm (black), 29 sec / 4.5 ipm (colour)	
			▣TYPE OF FAX:	
			◀Walk-up Black and white and colour fax capability	
			▣SUPPORTED OS & APPLICATIONS:	
			◀Windows XP / Vista / 7/ 8 / 8.1 / 10	
			◀Windows Server 2003/ 2008 / 2012 / 201	
			◀Mac OS X 10.6.8 or later	
			▣INTERFACE:	
			◀USB 2.0, Ethernet, Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct	
83	unit	2	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
84	pc	1	Smart TV, UHD, 55"
			55" Crystal UHD TV
			Real 4K Picture Quality
			4K Upscaling
			HDR (High Dynamic Range)
			UHD Dimming
			Mega Contrast
			Adaptive Sound
			20W Sound Output
			Connectivity: Ethernet (LAN); HDMI; Wireless LAN Built-in
			Power Supply: AC 100-240V 50/60Hz
85	pc	2	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
86	unit	2	UPS, 1000 VA
			■1000VA/600W capacity
			■Frequency Range: 60 Hz
			■Freq. Range (Batt. Mode): 60 Hz ± 1 Hz
			■Transfer Time: Typical 4-8 ms
			■Waveform (Batt. Mode): Simulated Sine Wave
			■Back-up Runtime: 10-15 mins
			■Voltage: 220 VAC
			■Voltage Range: 162-270 VAC
87	unit	1	UPS, at least 800 watts
			Recharging Time: at most 4 Hours
88	pcs	7	Wireless Optical Mouse
			Adjustable 500/1000 DPI high-definition tracking engine
			Reliable 2.4GHz wireless connection, perfect for anti-jamming
			Supports 4D scroll wheel and optical buttons No installation software or drivers required: plug and play
			Powered by AA alkaline batteries, you can use this mouse with only one battery
89	pcs	10	Mouse, Wired Optical, PS/2
			■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	
90	unit	1	Network Attached Storage, 4 Bay, 1.4GHz ARM CPU	
			CPU: Realtek RTD1296, ARM64 64-bit, Quad-Core 1.4GHz	
			Memory: 2GB DDR4	
			Flash Memory: 8GB eMMC	
			Drive Bays: 4	
			Compatible Drive Type: 3.5" SATA HDD, 2.5" SATA HDD, 2.5" SATA SSD	
			Maximum Drive Bays with Expansion Unit: 16	
			Expansion: USB 3.2 Gen 1 x 3	
			Network: 2.5 Gigabit Ethernet (2.5G/1G/100M) x 1	
			Certification: FCC, CE, VCCI, BSMI, C-TICK, KCC, BIS, CCC	
			Input Power Voltage 100V to 240V AC	
			Power Supply Unit / Adapter: 90W x1	
			System Fan: 120 mm x 1	
91	unit	1	Printer, computer, continuous ink system, 4-in-1 (Print, Scan, Xerox copy, Fax with ADF)	
			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	
92	pcs	15	Random Access Memory, DDR4, 2666Mhz, 8GB	
			Memory Capacity: 8GB	
			Speed: 2666MHz	
			Error Check: Non-ECC	
			Module Type: DIMM •	
			CAS Latency: CL19	
			Form Factor: DDR4	
			Pins: 288 Pin	
			Memory Voltage: 1.2V	
93	units	2	Universal HDMI to VGA Adapter Cable, at least 1.8 meters	

			<i>Universal HDMI to VGA Adapter Cable</i>	
94	pcs	4	USB Hub, 4 gans	
95	units	2	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 deg. celcius to 60deg. Celcius	
96	pcs	2	Computer HD Webcam	
			1080P Full HD Webcam	
			Lens: 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	
			Interface Type: USB2.0	
			Microphone: Built-in microphone	
			Focusing Range: 20mm	
97	unit	2	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	
98	unit	1	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
99	pcs	2	Antivirus Software 3 Device, 1+1 Year Licence include VPN (enrolled auto- renewal)
			■Antivirus Software keeps your PC/Laptop/Mobile device safe from Trojans, viruses, spyware, rootkits, and more, with state-of-the-art anti-malware protection
			■Detects, quarantines, and blocks viruses and malware to prevent damage to your PC/Laptop
			■Keep zero-day threats and botnets at bay - McAfee Active Protection and Global Threat Intelligence technology have you covered
			■Block inappropriate sites
			■Two-Way Firewall system monitors and stops traffic in and out of your PC
			■Keep sensitive files private by storing them on your PC with 128-bit encryption
			■Eliminate the hassle of passwords with the password manager app
100	pc	1	Paper shredder machine, heavy duty
			■Shred Type: Cross Cut
			■Maximum Sheet capacity(70gsm) : 10 Sheets
			■Waste Container capacity: 21 Liters
			■Power Source: 220 - 240 VAC
101	pc	1	Water Dispenser, Cabinet type
			■Floor standing
			■Hot and cold function
			■plastic body,high efficiency compressor
			■thermally protected
102	unit	1	Document Scanner w/ ADF

			■ <i>Flatbed Colored Document Scanner</i>	
			■ <i>Combining a flatbed scanner with the convenience of a 50-page ADF</i>	
			■ <i>Quickly scan stacks of documents up to 8.5" x 14"</i>	
			■ <i>Resolution: 1200 x 1200 dpi</i>	

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and
- ☐ (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- ☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

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

Technical Documents

- ☐ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid in the amount of *at least 50% of the ABC or at least One Million Six Hundred Seventy Thousand Nine Hundred Seventy-One Pesos (PhP 1,670,971.00)*;
or
Statement of at least two (2) similar completed contracts, the aggregate amount of which should be equivalent to *at least 50% of the ABC or at least One Million Six Hundred Seventy Thousand Nine Hundred Seventy-One Pesos (PhP 1,670,971.00)* and the largest of these similar contracts must be equivalent to at least half of the said aggregate amount or *at least Eight Hundred Thirty-Five Thousand Four Hundred Eighty-Five and 50/100 Pesos (PhP 835,485.50)*; **and**
- ☐ (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (i) Conformity with the Technical Specifications; **and**
- ☐ (j) Schedule of Requirements/production and delivery schedule; **and**
- ☐ (k) Manpower requirements; **and**
- ☐ (l) After-sales service/parts; **and**

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

Financial Documents

- ☐ (n) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (o) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) – at least equal to ABC (**PhP 3,341,942.00**);
or
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation (at least 10% of ABC or **PhP 334,194.20**).

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (b) Original of duly signed and accomplished Price Schedule(s).

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

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

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

3. Create two (2) folders that are password-protected. The first folder should contain all requirements under Technical Component checklist as presented under Section VIII. The second folder should contain all requirements under Financial Component checklist.
4. Compress the two (2) folders and name as follows: a) first folder: **Technical Documents**, b) second folder: **Financial Documents**.
5. Email the 2 compressed folders to Ms. Jessamine C. Ecleo at jessamine.ecleo@vsu.edu.ph before the deadline (June 15, 2022; 8:30 AM).



VISAYAS
STATE UNIVERSITY



Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION **Project Identification No.: *[Insert number]***

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month]* *[year]* at *[place of execution]*.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]*

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of ____, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Purpose of Commission or gratuity
---------------------------	--

(if none, state "None")]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: _____

Legal capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

Price Schedule for Goods Offered from Abroad
[shall be submitted with the Bid if bidder is offering goods from Abroad]

For Goods Offered from Abroad

Name of Bidder _____ Project ID No. _____ Page ____ of ____

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Price Schedule for Goods Offered from Within the Philippines
[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No. _____ Page ____ of ____

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]*

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Contract Agreement Form for the Procurement of Goods (Revised)
[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT made the ____ day of _____ 20____ between [name of PROCURING ENTITY] of the Philippines (hereinafter called “the Entity”) of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures in specified currency]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, *viz.*:
 - i. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
 - ii. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;
 - iii. Performance Security;
 - iv. Notice of Award of Contract; and the Bidder’s conforme thereto; and
 - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

[Insert Name and Signature]

[Insert Name and Signature]

[Insert Signatory's Legal Capacity]

[Insert Signatory's Legal Capacity]

for:

for:

[Insert Procuring Entity]

[Insert Name of Supplier]

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]