



**VISAYAS**  
STATE UNIVERSITY

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

**Supply and Delivery Office and IT  
Equipment and Supplies for VSU Main  
and Alang-Alang Campus  
(VSU-GOODS-24-11)  
*(early procurement)***

**Government of the Republic of the Philippines**

**December 20, 2023; 9:00 AM  
BAC Conference Room, VSU Market, Visca, Baybay City, Leyte  
and via Zoom**

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# Table of Contents

<b>Glossary of Acronyms, Terms, and Abbreviations .....</b>	<b>3</b>		
<b>Section I. Invitation to Bid.....</b>	<b>6</b>		
<b>Section II. Instructions to Bidders.....</b>	<b>30</b>		
1.    Scope of Bid .....	31	303.	304.
2.    Funding Information.....	31		
3.    Bidding Requirements .....	31		
4.    Corrupt, Fraudulent, Collusive, and Coercive Practices .....	31	393.	394.
5.    Eligible Bidders.....	31		
6.    Origin of Goods .....	32		
7.    Subcontracts .....	32		
8.    Pre-Bid Conference .....	32		
9.    Clarification and Amendment of Bidding Documents .....	32		
10.   Documents comprising the Bid: Eligibility and Technical Components .....	32		
11.   Documents comprising the Bid: Financial Component .....	33		
12.   Bid Prices .....	33		
13.   Bid and Payment Currencies .....	34		
14.   Bid Security .....	34		
15.   Sealing and Marking of Bids .....	34		
16.   Deadline for Submission of Bids .....	34		
17.   Opening and Preliminary Examination of Bids .....	35		
18.   Domestic Preference .....	35		
19.   Detailed Evaluation and Comparison of Bids .....	35		
20.   Post-Qualification .....	36		
21.   Signing of the Contract .....	36		
<b>Section III. Bid Data Sheet .....</b>	<b>37</b>		
<b>Section IV. General Conditions of Contract .....</b>	<b>38</b>		
1.    Scope of Contract .....	39		
2.    Advance Payment and Terms of Payment .....	39		
3.    Performance Security .....	39		
4.    Inspection and Tests .....	39		
5.    Warranty .....	40		
6.    Liability of the Supplier .....	40		
<b>Section V. Special Conditions of Contract .....</b>	<b>41</b>		
<b>Section VI. Schedule of Requirements .....</b>	<b>47</b>		
<b>Section VII. Technical Specifications .....</b>	<b>69</b>		
<b>Section VIII. Checklist of Technical and Financial Documents .....</b>	<b>90</b>		

**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 OFFICE AND IT EQUIPMENT AND SUPPLIES

1. The *Visayas State University* through the *GF 2024* intends to apply the sum of *Three Million Eight Hundred Thousand Pesos (PhP 3,800,000.00)* being the ABC to payments under the contract for *Supply and Delivery of Office and IT Equipment and Supplies VSU Main and Alang-Alang Campus (VSU-GOODS-24-11)*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

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

Item No.	Discription	Unit	Qty	Unit Price	Total Price
	<b><i>Delivery to Alang-alang Campus</i></b>				
<b>1</b>	<b>Photocopier, 3 in1 ( Printer, Scanner and Copier)</b>	<b>unit</b>	<b>3</b>	<b>63,000.00</b>	<b>189,000.00</b>
	General - Fax Type: Plain paper, Printing Technology: Laser - color, Display Diagonal Size: 4.3" Display Features: Touch screen, Connection Availability: Yes, Interface: USB 2.0, Gigabit LAN, Wi-Fi(n), USB host, AirPrint Enabled: Yes, Office Machine Features, Scan to e-mail, scan to folder, scan to FTP, scan to SMB, scan to USB host.				
	Memory - Standard Memory: 512 MB, Max Supported Memory: 1.5 GB, Supported Flash Memory, SD Memory Card, SDHC Memory Card. Copying - Max Copying Speed: Up to 27 ppm (mono) / up to 27 ppm (color), Max Copying Resolution: Up to 600 x 600 dpi (mono) / up to 600 x 600 dpi (color),				
	Max Document Enlargement: 400%, Max Document Reduction: 25%, Maximum Copies: 999. Scanning - Automatic Duplexing: Yes, Optical Resolution: 600 x 600 dpi and Printing - Max Printing Resolution: Up to 9600 x 600 dpi (mono) / up to 9600 x 600 dpi (color),				
	Max Printing Speed: Up to 27 ppm (mono) / up to 27 ppm (color), Printer Drivers / Emulations: PCL 6, PCL 5c, KPDL3, PCL XL, PDF, XPS, PRESCRIBE, First Print Out Time B/W: 9.5 sec, First Print Out Time Color: 10.5 sec.				
	With warranty, Free demonstration of the unit and preferably branded.				
<b>2</b>	<b>Stencil Digital Duplicating Machine</b>	<b>unit</b>	<b>2</b>	<b>135,000.00</b>	<b>270,000.00</b>
	(Type: Digital, desktop, printing); Process: Fully-automatic one drum stencil, (System, original sheet only).				
	Original Size: at least 275x395mm max; Print Paper size: Minimum 90x140mm, maximum 275x395mm max; Print Paper weight: at least 35.0-127.9g/m2;				

	Print Speed: at least less than 45 seconds. resolution 300x300 dpi image mode; letter mode photo mode, photo/letter mode, image: position vertical 10mm, horizontal 10mm;				
	Reproduction ratios: Pr-set reduction 71,82,87,93% Pper feed/delivery table capacity: 500 sheets (80g/m2); Power Consumption: Maximum: Master Making: Less than 175w (At 90 sheets per minute) standby: 35W.				
	With warranty, Free demonstration of the unit and preferably branded.				
<b>3</b>	<b>Air-conditioning unit,4HP Split Type,</b>	<b>unit</b>	<b>2</b>	<b>120,500.00</b>	<b>241,000.00</b>
	3TR Floor Mounted Standing Inverter, branded, including Accessories and with free Installations (includes at least 15 meter copper tube connections between condenser and Indoor unit.)				
	DIMENSION Length 41.1cm Width 59.5cm Height 188.2cm KEY FEATURES Digital LED Display Self Diagnosis Remote Holder Side Air Intake Auto Louvers Energy Saving / Save Energy (SE) Wi-fi Controlled X-Fan Function Compressor Low-Pressure Protection				
	TECHNICAL SPECIFICATIONS Power Supply 1 Ph / 230 V / 60 Hz Nominal Capacity 4.0 HP / 3 TR Cooling Capacity 37,980 kJ/h				
	Rated Current 17.0 A Rated Power 3,550 W EER 10.7 Kj/hr-W s				
	Refrigerant (type/charge) R-410A / 2,450 g INDOOR UNIT Airflow (SH/Hi/Mi/Lo) 1,850 / 1,630 / 1,420 / 1,250 m³/hr Sound Level (SH/Hi/Mi/Lo) 52 / 50 / 48 / 45 dB(A) COPPER TUBE SIZE Low Side / High Side Ø 5/8" / Ø 3/8"				
	MAXIMUM PIPE DISTANCE BETWEEN INDOOR & OUTDOOR Height / Length / Circuit Breaker 10 m / 30 m / 40 A Warranty 1-Year on Parts & Service 5 Years on Motor				
<b>4</b>	<b>Air Conditioning Unit 2.0 HP</b>	<b>unit</b>	<b>5</b>	<b>60,000.00</b>	<b>300,000.00</b>
	Split type with free Installations, branded, including Accessories (includes at least 15 meter copper tube connections between condenser and Indoor unit.)				
	Description : Product Overview, Silver Ion Filter - can remove dust and particles more than 90% Smart cooling - the unit will run based on the indoor ambient condition. Auto select on which mode the unit will run based on ID ambient.Easy Maintenance - electronic control box and ID fan motor and placed efficiently and easily accessible.				
	Warranty, 5 years limited warranty on compressor Parts: 1 year, Labor: 1 year,				
	General Specification, Nominal Size: 2.0 hp, with Remote, Timer: Yes				
	Cooling Capacity: at least 6,500-19,000 Control Type: Timer, Cooling Area (sq. meters): 24 – 35 sqm,				
	Noise Level (Indoor) - High: approx. 44 dB(A),				

	Noise Level (Indoor) – Low: approx. 34 dB(A),				
	Speed Cooling: Yes, Filter: HEPA Filter, Airflow Direction Control (Up & Down): Yes, Airflow Direction Control (Left & Right): No, Temperature Control: Digital, Energy Efficiency Ratio (MIN ~ MAX): 13.5 - 10.0, Mfd/ Assembled in the Philippines: No, Power Consumption:Watts: 1,750(480 - 1,900), Power Requirements:Voltage: 230, Other Features: Blue Fin protection				
	<b>VSU-GOODS-24-03 (VSU Main Campus)</b>				
<b>5</b>	<b>2 BURNER GAS STOVE</b>	<b>pc</b>	<b>2</b>	<b>2,000.00</b>	<b>4,000.00</b>
	☑Heavy duty gas stove				
	☑High quality fuel-efficient burner				
	☑Durable metal gas ignition controls				
	☑Stainless metal gasket and body				
	☑Auto-ignition burner				
	☑# of burners: 2				
	☑Dimensions: (W x L X D ) 71 x 35.5 x 8.5cm   28 x 14 x 3.3 inches				
	☑Burner diameter: 9cm   3.5 inches   Outer ring diameter: 22.5cm   8.9 inches				
	☑Space in between outer rings: 20cm   7.9 inches				
	☑Color: silver				
	☑Warranty: 1 year				
<b>6</b>	<b>Smart TV, at least 70"</b>	<b>unit</b>	<b>1</b>	<b>90,000.00</b>	<b>90,000.00</b>
	Specifications:				
	Picture Engine: Crystal Processor 4K				
	• Color: Dynamic Crystal Color				
	• Contrast: Mega Contrast				
	• Sound: Q-Symphony				
	• Smart: Tap-View				
	• Design: AirSlim				
	Specifications Detail				
	Product Type: LED				
	Series: 8				
	Display				
	• Screen Size:at least 70"				
	• Resolution: 3,840 x 2,160				
	• Screen Curvature: N/A				
	Video				
	• Picture Engine: Crystal Processor 4K				
	• PQI (Picture Quality Index): 2200				
	• HDR (High Dynamic Range): HDR				
	• HDR 10+: Support				
	• HLG (Hybrid Log Gamma): Yes				
	• Contrast: Mega Contrast				
	• Viewing Angle: N/A				
	• Color: Dynamic Crystal Color				
	• Micro Dimming: UHD Dimming				
	• Auto Depth Enhancer: N/A				
	• Contrast Enhancer: Yes				
	• Auto Motion Plus: Yes				



	• Film Mode: Yes				
	• Natural Mode Support: Yes				
	Audio				
	• Dolby Digital Plus: Yes				
	• Dolby 5.1 Decoder: N/A				
	• Object Tracking Sound: N/A				
	• Q-Symphony: Q-Symphony				
	• Audio Pre-selection Descriptor: N/A				
	• Hole Array Speaker: N/A				
	• Sound Output (RMS): 20W				
	• Speaker Type: 2CH				
	• Woofer: N/A				
	• Multiroom Link: Yes				
	• Bluetooth Audio: Yes				
	Smart Service				
	• SMART TV: Smart				
	• Operating System: Tizen™				
	• Bixby: US English, UK English, India English, Korean, French, German, Italian, Spanish, Portuguese (features vary by language)				
	• Voice Interaction: N/A				
	• Far-Field Voice Interaction: N/A				
	• Alexa Built-in: N/A				
	• Google Assistant Built-in: N/A				
	• Works with Google Assistant: N/A				
	• Works With Alexa: N/A				
	• TV Plus: N/A				
	• Web Browser: Yes				
	• Gallery: Yes				
	Convergence				
	• TV to Mobile – Mirroring: N/A				
	• Mobile to TV - Mirroring, DLNA: Yes				
	• NFC on TV: N/A				
	• Tap View: Yes				
	• Digital Butler: N/A				
	• Multi-View: N/A				
	• Sound Wall: Yes				
	• Remote Access: Basic				
	• 360 Video Player: N/A				
	• 360 Camera Support: N/A				
	• Bluetooth Low Energy: Yes				
	• WiFi Direct: Yes				
	• TV Sound to Mobile: Yes				
	• Sound Mirroring: Yes				
	Differentiation				
	• Tune Station: N/A				
	• Auto Hotspot Connect: N/A				
	• S-Share: N/A				
	• Auto Data Backup: N/A				
	• Dongle Compatibility (3G / LTE / WiFi): N/A				
	• Analog Clean View: N/A				
	• Triple Protection: N/A				
	Tuner/Broadcasting				

	• Digital Broadcasting: ISDB-T				
	• Analog Tuner: Yes				
	• 2 Tuner: N/A				
	• CI (Common Interface): N/A				
	• Data Broadcasting: N/A				
	• TV Key Support: Yes				
	Connectivity				
	• HDMI: 3				
	• USB: 2				
	• Component In (Y/Pb/Pr): N/A				
	• Composite In (AV): 1				
	• Ethernet (LAN): Yes				
	• Audio Out (Mini Jack): N/A				
	• Digital Audio Out (Optical): 1				
	• RF In (Terrestrial / Cable input): 1/1(Common Use for Terrestrial)/0				
	• Ex-Link ( RS-232C ): N/A				
	• CI Slot: N/A				
	• HDMI A / Return Ch. Support: Yes				
	• eARC: Yes				
	• HDMI Quick Switch: Yes				
	• Wireless LAN Built-in: Yes (WiFi5)				
	• Bluetooth: Yes (BT5.2)				
	• Anynet+ (HDMI-CEC): Yes				
<b>7</b>	<b>Bread Toaster, 4 slots</b>	<b>unit</b>	<b>1</b>	<b>3,200.00</b>	<b>3,200.00</b>
	4-slice Stainless Steel Toaster				
	Stainless Steel Body•Variable				
	Toast Control•Defrost & Reheat Functions				
	Slide-out Crumb Tray				
<b>8</b>	<b>Conference Microphone, Gooseneck</b>	<b>unit</b>	<b>2</b>	<b>5,000.00</b>	<b>10,000.00</b>
	☑Acoustic Principle: Condenser Polar				
	☑Pattern: Cardioid				
	☑Frequency Response: 50-16000Hz				
	☑Sensitivity: -35±2dB(0dB=1V/Pa @ 1KHz)				
	☑Signal to Noise Ratio: 80dB				
	☑Output connector: XLR Connector				
	☑Power requirement: 48V Phantom Power				
	☑Built-in LED indicator shows Talk/Mute				
	☑Foam windscreen included				
<b>9</b>	<b>Digital Automatic Flatbed Printer; Foil printing hot stamping machine for A3 and A4</b>	<b>unit</b>	<b>1</b>	<b>150,000.00</b>	<b>150,000.00</b>
	Max printing size: 25*30cm				
	Max printing thickness: 3cm				
	Max printing speed: 2cm - 5cm/s				
	Resolution: 300dpi				
	Printing method: Thermal printing				
	Voltage: AC110-240V 50/60Hz				
	Power: 150W				
	Computer system requirement: Windows				
	Software requirement: Most of softwares, Coreldraw, photoshop, adobe illustrator, office word				
	Temperature requirement: 5°C to 40°C				

	Printer weight: 23kg				
	Printer size: 60cm*50cm*30cm				
	Warranty: 1year excluded printing head unless quality problem				
<b>10</b>	<b>Digital Duplicator Machine, Copy printer, 300x600 DPI printing</b>	<b>set</b>	<b>1</b>	<b>150,000.00</b>	<b>150,000.00</b>
	Master Making/Printing Methods: High-speed digital master-making/Fully automatic printing				
	Scanning: 600 dpi × 600 dpi				
	Printing: 300 dpi × 600 dpi, Quick Master Making mode: 300 dpi × 400 dpi				
	Maximum Scanning Area: 297 mm × 432 mm				
	Print Paper Weight: 46 gsm to 157 gsm				
	Print Paper Size: 100 mm × 148 mm to 310 mm × 432 mm				
	Maximum Printing Area: 210 mm × 357 mm				
	Paper Feed Tray Stacking Capacity: 1000 sheets*2, stacking height of 110 mm or lower				
	Paper Receiving Tray Stacking Capacity: 1000 sheets*2, stacking height of 110 mm or lower				
	Print Speed: 5 levels: 60, 80, 100, 120 and 130 ppm				
	Functions: Original Scanning mode, Scanning Level, Enlargement/Reproduction, Dot Process, 2-Up, Book, Ink Saving, Quick Master Making, ADF-Semi-Auto*3, Speed, Density, Print Position, Program A/B, Job Separation*3, Idling, Confidential, Meter Display, Count Report Output, Proof, Direct Printing, USB Flash-via-Printing, Auto Sleep Setting, Auto Power-OFF Setting, ECO mode, RISO iQuality System				
	Ink Supply: Full automatic (1000 ml/cartridge)				
<b>11</b>	<b>Electric Floor Polisher, Vaccum Cleaner and Sound System</b>	<b>lot</b>	<b>1</b>	<b>86,000.00</b>	<b>86,000.00</b>
	Item Specification				
	<b>1.Wet and Dry Vacuum Cleaner - 1 unit</b>				
	Item Specification				
	Super Suction Power				
	Wet and Dry Vacuuming				
	Blower Function				
	Accessory Storage				
	Energy Efficient				
	Vacuum Cleaner Features: Bagged, Blower, Wheels				
	Warranty Type:Local Supplier Warranty				
	Warranty Period:1 Year				
	Actual suction power* (Air watts) 200				
	Energy use (W) 1000				
	Container capacity (l) 17				
	Container material Stainless steel				
	Power cable (m) 4				
	Standard accessory ID (mm) 35				
	Supply voltage (V/Hz) 220 - 240 / 50 - 60				
	Weight without accessories (kg) 5,8				
	Weight incl. packaging (kg) 8,2				
	Dimensions (L x W x H) (mm) 388 x 340 x 525				
	1xSuction hose, 2 m, 35 mm; 2x Suction tubes, 0.5 m, 35				

	mm; 1x Wet and dry floor nozzle, Clips; 1x Cartridge filter, Standard; 1x Crevice nozzle; 1x Paper filter bag				
	<b>2. Electric Floor Polisher- 1 unit</b>				
	Item Specification:				
	>Speed Switch-Speed Selection low (175 RPM) and High (320 RPM)				
	>Handle Tube-All Chrome 1-1/2 inch				
	>Power Cord- 50ft. UL Listed 14/3 STW-A. Comes with cord strain relief				
	>Transport Wheels- 5 inch non-marking self lubricated wheels				
	>All Metal Housing-provides long lasting durability				
	<b>3. Sound System- 1 unit</b>				
	Item Specification				
	Specs				
	Type:Portable PA System				
	Speaker Drivers:1 x 8" woofer, 1.35" compression driver				
	Number of Mixer Channels:6				
	Number of Mic Preamps:2				
	EQ:Treble, Bass, 5-band Graphic				
	Inputs:2 x XLR (mic), 2 x 1/4" (line), 6 x 1/4" (3 x stereo pair), 2 x stereo RCA, 1 x 1/8" (aux in)				
	Outputs:2 x 1/4" (speaker out)				
	USB:1 x Type A (ULM wireless ready)				
	Bluetooth:Yes				
	Total Power:500W				
	Frequency Response:50Hz-22kHz				
	Microphone:1 x Behringer XM1800S				
	Power Source:Standard IEC AC cable				
	Height:25.9"				
	Width:13.9"				
	Depth:34.8"				
	Weight:44.7 lbs.				
<b>12</b>	<b>Exhaust Fan</b>	<b>unit</b>	<b>1</b>	<b>2,500.00</b>	<b>2,500.00</b>
	☐Exhaust Fan 12 inch				
	☐power input: 50w				
	☐12 inch plastic blade				
	☐wall-mounted				
	☐reversible motor for desired air flow (Exhaust/Blower)				
	☐with pull cord switch				
	☐detachable plastic panel & front grill				
	☐metal shutters				
	☐Air volume: 28.47/ 19.10 CMM				
	☐Unit dimension: 39cm x 17cmx39cm				
	☐Mounting Dimension: 35cm x 35cm				
<b>13</b>	<b>Heavy Duty Combo Binding Machine</b>	<b>unit</b>	<b>1</b>	<b>18,000.00</b>	<b>18,000.00</b>
	☐Maximum Punching Sheets: 25				
	☐Max Size: LS, F4, A4, Extra Long				
	☐Selectable Punching Pins: 24 slots				
	☐Net Weight: 12.5kgs				
<b>14</b>	<b>Hot &amp; Cold water dispenser</b>	<b>unit</b>	<b>1</b>	<b>14,500.00</b>	<b>14,500.00</b>
	☐Bottom load water dispenser				

	☑3 Faucets: Hot, Cold and Normal water function				
	☑3-Push Button dispensing control				
	☑Anti-scald safety lock switch				
	☑Child Lock Safety feature on Hot Water Faucet				
	☑Floater indicator to avoid water overflow				
	☑Capacity: Hot - 1.2 Liters, Cold - 3.5 liters, Power Rating: Hot - 420 watts, Cold - 100 watts, R134a				
<b>15</b>	<b>Laminator Machine, A3</b>	<b>unit</b>	<b>4</b>	<b>5,000.00</b>	<b>20,000.00</b>
	☑Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection				
<b>16</b>	<b>Megaphone</b>	<b>unit</b>	<b>1</b>	<b>3,000.00</b>	<b>3,000.00</b>
	☑Bullhorn				
	☑1000 yard range				
	☑For indoor and outdoor use				
	☑Built-in siren				
	☑40 W amplifier				
	☑Built-in mic				
	☑10 seconds recording function				
<b>17</b>	<b>Paper shredder machine, heavy duty</b>	<b>unit</b>	<b>3</b>	<b>12,000.00</b>	<b>36,000.00</b>
	☑Shred Type: Cross Cut				
	☑Maximum Sheet capacity(70gsm) : 10 Sheets				
	☑Waste Container capacity: 21 Liters				
	☑Power Source: 220 - 240 VAC				
<b>18</b>	<b>Portable Trolley 15" Speaker with wireless microphone</b>	<b>unit</b>	<b>4</b>	<b>10,000.00</b>	<b>40,000.00</b>
	☑15" 2 Way 480 Watts Powered Portable Sound System				
	☑Plastic Cabinet				
	☑AC220V or DC12V (With built-in Rechargeable Batteries)				
	☑With 2 Wireless Microphone				
	☑With 2 Mic Input (1 XLR, 1 PL55)				
	☑With FM Radio, Bluetooth, Guitar Input (Shared with Mic 2 input), USB & SD Port				
	☑With 5 Band Equalizer and LCD Display				
	☑With Aux / Line In and Line Out				
	☑With Remote Control, Handle and Wheel				
<b>19</b>	<b>Sliding Paper Cutter</b>	<b>unit</b>	<b>4</b>	<b>3,000.00</b>	<b>12,000.00</b>
	Working Area: A3 and A4				
	Cutting Capacity: 16 sheets				
	Packing Weight: 5 kg				
	Material: Metal				
	Available Size: A3 and A4				
	Packing Measurement: 56x34x11 cm				
	Other Specifications: Heavy duty for Vinyl, Cardboard Paper				
<b>20</b>	<b>Smart TV at least 70 inches</b>	<b>unit</b>	<b>2</b>	<b>90,000.00</b>	<b>180,000.00</b>
	with wall bracket;				
	Resolution: 4K Ultra HD				

	Screen Size: at least 70"				
	Connectivity: 3x HDMI 2.1				
	2X USB				
	WIFI				
	BLUETOOTH				
	HDMI Ports: 3x HDMI 2.1				
	Voltage: AC100-240V - 59/69Hz				
<b>21</b>	<b>Sound System, Speaker, 3 units</b>	<b>Lot</b>	<b>1</b>	<b>150,000.00</b>	<b>150,000.00</b>
	All-in-one PA system with 10-channel powered mixer and full-range speakers				
	Bluetooth audio streaming				
	Sub output with automatic high-pass filter for powered subwoofer use				
	with 2 microphone				
<b>22</b>	<b>Speaker, for PC, 2.1 (Speaker with Subwoofer)</b>	<b>pc</b>	<b>1</b>	<b>1,500.00</b>	<b>1,500.00</b>
	☑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				
<b>23</b>	<b>Surge suppressor 6 outlets</b>	<b>unit</b>	<b>2</b>	<b>600.00</b>	<b>1,200.00</b>
	☑Maximum capacity: 2500W				
	☑Voltage Surge Protector (protects appliances from voltage spikes)				
	☑6 Neon Switch				
	☑1 Circuit Breaker (protects appliance from overload or short circuit)				
	☑3 Two-Prong Outlets				
	☑3 Three-Prong Outlets w/ Grounding				
	☑90 degree outlet orientation				
	☑With line/noise filter				
	☑Royal Cord #16/3 (5.00 meters)				
	☑Metal casing				
<b>24</b>	<b>Television, UHD, Smart TV</b>	<b>unit</b>	<b>1</b>	<b>32,000.00</b>	<b>32,000.00</b>
	Display Size: 50"				
	Ports Input: OTHERS, HDMI, USB, Component in (Y/PB/Pr), RF in (Terrestrial/Cable Input), Digital Audio Out (Optical), Audio Out (Mini Jack), Ethernet (LAN), Composite in (AV)				
	TV Features: Netflix, HDR, Cinema 3D ,Wireless Connectivity, Web Browser, Mobile Screen Mirroring, Youtube, DTS Audio, Bluetooth Connectivity				
	TV Resolution: 4K UHD				
	Smart TV OS: Android OS				
<b>25</b>	<b>Water Dispenser (top loading), with fridge</b>	<b>unit</b>	<b>1</b>	<b>15,000.00</b>	<b>15,000.00</b>
	Fridge cabinet to cool additional drinks.				
	Three water spouts: hot, room temperature, cold.				
	LED indicators add to ease of use.				

	Durable/ good quality				
	Size & Capacity				
	Gross weight (Kg): 17				
	Net weight (Kg): 15.46				
	Fridge cabinet capacity (L):19				
	Type & Setup				
	Type: Top load water dispensers				
	Control type: Manual				
	Product installation: Freestanding				
	Product dimensions				
	Depth: 372 mm				
	Height: 1003 mm				
	Width: 318 mm				
	Depth packed: 386 mm				
	Height packed: 1050 mm				
	Width packed: 358 mm				
	Power Supply				
	Voltage (V): 220-240				
	Total wattage (W): 520				
<b>26</b>	<b>Wireless Dual Handheld Microphone</b>	<b>set</b>	<b>1</b>	<b>20,000.00</b>	<b>20,000.00</b>
	Receiver				
	Power Consumption: 12w (Max)				
	Receiver Sensitivity: -95dbm				
	Mixing Output Socket: ø6.3mm Socket				
	Balanced Output Socket: XLR Socket				
	Transmitter				
	Carrier Frequency: Depends on regional frequency band				
	Transmit Power: 10dBm (±2dBm)				
	Microphone Capsule: Dynamic				
	Polar Pattern: Super Cardioid				
	Impedance: 600				
	Frequency Response: 80~12000Hz				
	Current Consumption: 120mA				
	Battery: Size AA x 2pcs				
	Operation Range: 90 meters (in open area)				
	Battery Life: Approximately 12 hours (uses alkaline batteries)				
	Each microphone has 100 selectable channels and independent volume controls.				
	This UHF system features 6-axis gyroscope to automatically enter mute mode when idling for 5~10 seconds.				
<b>27</b>	<b>Water Dispenser, Cabinet type</b>	<b>unit</b>	<b>2</b>	<b>10,000.00</b>	<b>20,000.00</b>
	☑Floor standing				
	☑Hot and cold function				
	☑plastic body,high efficiency compressor				
	☑thermally protected				
<b>28</b>	<b>Speaker, for PC, 2.1 (Speaker with Subwoofer)</b>	<b>pc</b>	<b>1</b>	<b>4,000.00</b>	<b>4,000.00</b>
	☑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				
	<b>VSU-GOODS-24-04 (VSU Main Campus)</b>				
29	<b>3M RJ-45 Volition U.S. Faceplate face plate panel double port 2-Port IO Information Outlet plate</b>	pc	20	150.00	3,000.00
	☑Original 3M				
	☑IO Information Outlet plate				
	☑Ensure easy fitting and smart presentation of the RJ45 jacks				
	☑The Keystone mounting feature of the Jack may allow you to use other Keystone boxes or faceplates.				
	☑High performance				
	☑Brand new				
	☑comes with 2 pcs screws				
	☑Existing fleet of VSU Faceplate and should be compatible with existing keystone				
30	<b>3M Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount</b>	pc	38	350.00	13,300.00
	☑Original 3M				
	☑IO Information Outlet				
	☑Tool-less jack •				
	☑Re-usable •				
	☑Shallow Depth, Cable Entry from top or bottom •				
	☑Keystone Mounting •				
	☑Accepts both solid conductors from AWG 26 to 22 and stranded conductors •				
	☑Integral shutter Benefits •				
	☑Easy and quick to install •				
	☑Fast reliable connection in record time: 8 copper conductor wired in a single connection •				
	☑Quality of connection by design: not dependant on tool condition or operator skills				
	☑Consistent results •				
	☑Easier cable management •				
	☑No need to use a new jack if a wiring mistake is made •				
	☑More space and flexibility to ensure the cable minimum bend radius is never compromised •				
	☑Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •				
	☑Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •				
	☑Increased dust protection, especially during installation • No additional shuttering required on faceplates •				
	☑Higher port density •				
	☑Allows direct mounting into floor boxes •				
	☑An integral shutter protects the jack in the patch panel •				
	☑Should be compatible with the existing fleet of VSU faceplates				



<b>31</b>	<b>Battery Charger for 9 Volts Battery</b>	<b>pc</b>	<b>1</b>	<b>400.00</b>	<b>400.00</b>
	<i>For 9 volts rechargeable batteries *Charges 2x rechargeable batteries (9 volts) at the same time\</i>				
	<i>*With 110v &amp; 220v setting</i>				
	<i>Compatible with Nickel-Cadmium &amp; Nickel-Metal Hydride rechargeable batteries</i>				
<b>32</b>	<b>Canon Cartridge 054 Toner - Black</b>	<b>pc</b>	<b>1</b>	<b>4,600.00</b>	<b>4,600.00</b>
	<i>For Canon Generic UFR II Printer Model: LBP621C</i>				
	<i>Color: Black</i>				
<b>33</b>	<b>Computer Keyboard USB</b>	<b>pc</b>	<b>4</b>	<b>400.00</b>	<b>1,600.00</b>
	☑ <i>Standard Keyboard with 104 Keys</i>				
	☑ <i>USB Connection</i>				
	☑ <i>Low Profile Key Caps</i>				
	☑ <i>Minimum Key Noise</i>				
	☑ <i>Laser Printing for Key Layout</i>				
	☑ <i>Spill Resistant Design</i>				
<b>34</b>	<b>Computer Monitor 21.5", VA</b>	<b>unit</b>	<b>1</b>	<b>6,500.00</b>	<b>6,500.00</b>
	<i>Size: 21.5"</i>				
	<i>Panel Type: VA</i>				
	<i>Resolution: 1920x1080 (FHD)</i>				
	<i>Refresh Rate: 75Hz</i>				
	<i>Response Time: 5MS</i>				
	<i>Interface: VGA, HDMI</i>				
	<i>With a slim and 3-sided frameless design</i>				
	<i>Flicker Free and Low Blue Mode eye protection tech.</i>				
	<i>VESA mount compatibility</i>				
<b>35</b>	<b>DDR3 4GB SO - DIMM 2666 Mhz</b>	<b>unit</b>	<b>4</b>	<b>1,500.00</b>	<b>6,000.00</b>
<b>36</b>	<b>Desktop Computer, All-in-one (AIO), Pentium Silver, 4GB RAM</b>	<b>unit</b>	<b>1</b>	<b>27,000.00</b>	<b>27,000.00</b>
	<i>Intel Pentium Silver J5040 2.0GHz up to 3.20GHz Processor or higher</i>				
	<i>4GB DDR4 Memory or higher</i>				
	<i>1TB 2.5" SATA HDD or higher</i>				
	<i>21.5" FHD 1920x1080 IPS Display (non-touch) or higher</i>				
	<i>Intel Graphics</i>				
	<i>802.11AC WiFi + BT   720P HD Camera</i>				
	<i>HDMI out 1.4 Port</i>				
	<i>Windows 10</i>				
<b>37</b>	<b>DS3231 RTC High Precision Real-Time Clock Module</b>	<b>pc</b>	<b>2</b>	<b>200.00</b>	<b>400.00</b>
<b>38</b>	<b>DSLR Camera</b>	<b>unit</b>	<b>1</b>	<b>80,000.00</b>	<b>80,000.00</b>
	<i>24.5MP FX-Format BSI CMOS Sensor and EXPEED 6 Processor</i>				
	<i>51-Point Multi-CAM 3500 II AF Sensor</i>				
	<i>UHD 4K Video Recording</i>				
	<i>273-Point Hybrid AF System</i>				
	<i>Body Design</i>				

<b>39</b>	<b>DSLR Camera with lens and accessories</b>	<b>unit</b>	<b>1</b>	<b>42,000.00</b>	<b>42,000.00</b>
	<i>20.2MP APS-C 'Dual Pixel CMOS AF' sensor</i>				
	<i>DIGIC 5+ image processor</i>				
	<i>ISO 100-12800 standard, 25600 expanded</i>				
	<i>7fps continuous shooting, burst depth 65 JPEG / 16 Raw</i>				
	<i>'Silent' shutter mode</i>				
	<i>1080p30 video recording, stereo sound via external mic</i>				
	<i>19-point AF system, all points cross-type, sensitive to -0.5 EV</i>				
	<i>63-zone iFCL metering system</i>				
	<i>98% viewfinder coverage, 0.95x magnification, switchable gridlines and electronic level display</i>				
	<i>Fully-articulated touchscreen, 1040k dot 3" ClearView II LCD, 3:2 aspect ratio</i>				
	<i>Single SD/SDHC/SDXC card slot</i>				
	<i>Built-in Wi-Fi</i>				
	<i>Single-axis electronic level</i>				
	<i>Built-in flash works as off-camera remote flash controller</i>				
	<i>AF microadjustment (can be set individually for up to 40 lenses, remembered by lens serial number)</i>				
	<i>In-camera High Dynamic Range and Multiple Exposure modes (JPEG-only)</i>				
	<i>'Creative Filter' image processing styles, previewed in live view</i>				
<b>40</b>	<b>External Hard Drive, 1 TB</b>	<b>unit</b>	<b>10</b>	<b>3,500.00</b>	<b>35,000.00</b>
	<i>Capacity: 1TB</i>				
	<i>Connection interface: USB 2.0/3.0</i>				
	<i>Storage Media: 2.5" SATA HDD</i>				
	<i>Op. Voltage: USB DC 5V</i>				
	<i>Size :129.5mm x 82.4mm x 20.4mm</i>				
	<i>Weight: 216g</i>				
<b>41</b>	<b>Hard Disk ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5</b>	<b>pc</b>	<b>4</b>	<b>2,400.00</b>	<b>9,600.00</b>
	<i>ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5</i>				
<b>42</b>	<b>Headset (Wired), Generic Over the Ear with mic</b>	<b>pc</b>	<b>1</b>	<b>500.00</b>	<b>500.00</b>
	<i>☑Line is equipped with a rotary volume controller, one key Mic mute,</i>				
	<i>☑Frequency Range:20-20K(Hz)</i>				
	<i>☑Sensitivity:-52(dB)</i>				
	<i>☑Impedance:32(Ohm)</i>				
	<i>☑Speaker Diameter:40(mm)</i>				
	<i>☑Distortion Rate:0.8%</i>				
	<i>☑Plug Diameter:3.5mm</i>				
<b>43</b>	<b>Headset, Over Ear, wired</b>	<b>set</b>	<b>4</b>	<b>750.00</b>	<b>3,000.00</b>
	<i>☑Wearing Type: Over-ear</i>				
	<i>☑Microphone: Yes</i>				
	<i>☑Volume Control: Yes</i>				
	<i>☑One Key Mute Button: Yes</i>				
	<i>☑Microphone: Omnidirectional</i>				
	<i>☑Plug Type: 3.5mm</i>				

	☐Speaker Diameter: 50mm				
	☐Receive Sensitivity: 101dB				
	☐Impedance: 32Ω				
	☐Frequency Response: 20-20kHz				
44	<b>Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R, T05A1 T05A2 T05A3 T05A4, Printer Ink Bag</b>	sets	2	7,500.00	15,000.00
	<i>Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R</i>				
	<i>T05A1 (BLACK)</i>				
	<i>T05A2 (CYAN)</i>				
	<i>T05A3 (MAGENTA)</i>				
	<i>T05A4 (YELLOW)</i>				
45	<b>Ink Cartridge, HP704, black</b>	pc	6	595.00	3,570.00
46	<b>Ink Cartridge, HP704, tri color</b>	pc	6	595.00	3,570.00
47	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Black</b>	tube	5	1,500.00	7,500.00
48	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Cyan</b>	tube	5	1,500.00	7,500.00
49	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Magenta</b>	tube	5	1,500.00	7,500.00
50	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Yellow</b>	tube	5	1,500.00	7,500.00
51	<b>Laptop Stand Lifting Riser Holder Aluminum Height/Angle</b>	pc	3	1,500.00	4,500.00
52	<b>LCD Projector (XGA), 3LCD Technology</b>	unit	5	27,000.00	135,000.00
	☐Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology				
	☐White Light Output (Normal/Eco):3,600 lm				
	☐Colour Light Output:3,600 lm				
	☐Resolution XGA, at least 1024 x 768,				
	☐Analog Input:D-Sub 15pin: 1				
	☐Digital Input:HDMI: 1				
	☐LCD:Native Resolution: XGA (1024 x 768)				
	☐Size: 0.55" (C2fine)				
	☐Lightsource:Type: 210W UHE				
	☐Life (Normal / Eco): 6,000 / 12,000 hours				
	☐Aspect Ratio:4:3				
	☐USB Interface:USB Type B: 1 (For Firmware Update, Copy OSD Settings)				
	☐Analog Input:D-Sub 15pin: 1				
	☐Digital Input:HDMI: 1				
53	<b>LCD Projector, XGA (1024x768)</b>	unit	1	27,000.00	27,000.00
	☐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				
<b>54</b>	<b>LED Voltage Tester</b>	<b>unit</b>	<b>1</b>	<b>4,000.00</b>	<b>4,000.00</b>
	LED Voltage Tester				
	600V AC/DC, Continuity Check, Battery Powered				
	CAT III 100V, CAT IV 600				
<b>55</b>	<b>Mirrorless Camera, 24MP APS-C</b>	<b>unit</b>	<b>2</b>	<b>50,000.00</b>	<b>100,000.00</b>
	☑24.1MP APS-C CMOS Sensor				
	☑Digital Imaging Integrated Circuit (DIGIC) 8 Image Processor				
	☑UHD 4K and HD 720p120 Video Recording				
	☑Dual Pixel CMOS AF with Eye Detect AF				
	☑2.36m-Dot OLED Electronic Viewfinder				
	☑3.0" 1.04m-Dot Vari-Angle Touchscreen				
	☑Wi-Fi and Bluetooth; Webcam Capability				
	☑Extended ISO 51200, 10 fps Shooting				
	☑Combination 5-Axis Image Stabilization				
	☑Includes EF-M 15-45mm f/3.5-6.3 IS STM Lens				
<b>56</b>	<b>Printer, Wi-Fi Duplex All-in-One Ink</b>	<b>unit</b>	<b>3</b>	<b>16,000.00</b>	<b>48,000.00</b>
	Printer Type:Print, Scan, Copy				
	Print Method:On-demand inkjet (piezoelectric)				
	Printer Language:ESC/P-R, ESC/P Raster				
	Nozzle Configuration:180 x 1 nozzles Black, 59 x 1 nozzles per Colour (Cyan, Magenta, Yellow)				
	Maximum Resolution:5760 x 1440 dpi				
	Automatic 2-sided Printing:Yes (Up to A4)				
	Scanner Type:Flatbed colour image scanner				
	Sensor Type:CIS				
	Optical Resolution:1200 x 2400 dpi				
	USB:USB 2.0				
	Network:Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct				
	Network Protocol:TCP/IPv4, TCP/IPv6				
	LCD Screen:1.44" Colour LCD Screen				
<b>57</b>	<b>Rechargeable Wireless Keyboard and Mouse Set</b>	<b>unit</b>	<b>2</b>	<b>1,000.00</b>	<b>2,000.00</b>
	☑Rechargeable Office Wireless Keyboard and Mouse Set				
	☑Size: 284*121*16.mm				
	☑Weight: 280g				
	☑Connection method: USB receiver/Bluetooth				
<b>58</b>	<b>Toner MP 2014H NRG Brand</b>	<b>btl</b>	<b>2</b>	<b>3,700.00</b>	<b>7,400.00</b>
	MP2014H Series/MP2700/MP2701;				
<b>59</b>	<b>Universal HDMI to VGA Adapter Cable, at least 1.8 meters</b>	<b>pc</b>	<b>3</b>	<b>300.00</b>	<b>900.00</b>

<b>60</b>	<b>UPS</b>	<b>unit</b>	<b>2</b>	<b>7,000.00</b>	<b>14,000.00</b>
	☑Output Power Capacity: 550 Watts/1100 VA				
	☑Max Configurable Power: 550 Watts/1100 VA 2 years' warranty				
	☑Nominal Output Voltage: 230V				
	☑Output Connections:(2) IEC 320 C13 (Battery Backup) (4) Universal Receptacle (Battery Backup)				
	☑Nominal Input Voltage: 230V				
	☑At most 4 hours charging time				
<b>61</b>	<b>VOIP Phone</b>	<b>unit</b>	<b>2</b>	<b>12,000.00</b>	<b>24,000.00</b>
	☑1-Line PoE+ SIP VOIP Phone SPA MAC address (IEEE 802.3) with lifetime warranty				
	☑IPv4 (RFC 791)Integrated web server provides web-based administration and configuration				
	☑Telephone keypad configuration via display menu/navigation				
	☑Automated provisioning and upgrade via HTTPS, HTTP, TFTP				
	☑Asynchronous notification of upgrade availability via NOTIFY				
	☑Nonintrusive in-service upgrades				
	☑Report generation and event logging				
	☑Statistics transmitted in BYE message				
	☑Syslog and debug server records: configurable per line				
	☑Address Resolution Protocol (ARP)				
	☑DNS: A record (RFC 1706), SRV record (RFC 2782)				
	☑Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)				
	☑Internet Control Message Protocol (ICMP) (RFC 792)				
	☑TCP (RFC 793)				
	☑User Datagram Protocol (UDP) (RFC 768)				
	☑Real-Time Transport Protocol (RTP) (RFC 1889, 1890)				
	☑Real-Time Control Protocol (RTCP) (RFC 1889)				
	☑Differentiated Services (DiffServ) (RFC 2475)				
	☑Type of service (ToS) (RFC 791, 1349)				
	☑VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)				
	☑Simple Network Time Protocol (SNTP) (RFC 2030)SIP version 2 (RFC 3261, 3262, 3263, 3264)				
	SPCP with the Cisco Unified Communications 500 Series				
	☑SIP proxy redundancy: dynamic via DNS SRV, A records				
	☑Reregistration with primary SIP proxy server				
	☑SIP support in NAT networks (including STUN)				
	☑SIPFrag (RFC 3420)				
	☑Secure (encrypted) calling via SRTP				
	☑Codec name assignment				
	☑Voice algorithms:				
	☑G.711 (A-law and $\mu$ -law)				
	☑G.726 (16/24/32/40 kbps)				
	☑G.729 A				
	☑G.722				
	☑Dynamic payload support				

	☑Adjustable audio frames per packet				
	☑Dual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO)				
	☑Flexible dial plan support with interdigit timers				
	☑IP address/URI dialing support				
	☑Call progress tone generation				
	☑Jitter buffer: adaptive				
	☑Frame loss concealment				
	☑Comfort Noise Generation (CNG)				
	☑Voice activity detection (VAD) with silence suppression				
	☑Attenuation/gain adjustments				
	☑VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBS				
	☑Caller ID support (name and number)				
	☑Third-party call control (RFC 3725)				
	☑Should be compatible with existing fleet of VSU IP Phones				
<b>62</b>	<b>VoIP, Telephone</b>	<b>unit</b>	<b>2</b>	<b>15,000.00</b>	<b>30,000.00</b>
	Display: White backlit, greyscale, 3.5-inch (396x162 pixels) display				
	Call Appearance: 16 voice lines				
	Fixed Feature Buttons: Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute				
	Navigation Keys: Two-way navigation and select keys				
	Programmable Line/Feature Keys: 16 programmable keys that support either lines (such as directory numbers), or call features (such as speed dialing).				
	Programmable Softkeys: 4 buttons				
	Button Module Expansion: No				
	Speakerphone: Includes high-quality, 2-way speakerphone				
	Audio: Wideband audio enhances clarity with the handset, speaker, or headset				
	Codecs: G.711 (A-law and m-law), G.722.2, G.722, G.729ab, iLBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)				
	Wall-Mountable Kit				
	Ethernet Connectivity: Dual Ethernet (10/100) line interface (PC Pass Through & Network Connection)				
	Headset Port: Includes RJ9 headset port with EHS support				
	Message Waiting Indicator: Yes				
	Network Security: Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography				
	POWER REQUIREMENTS				
	Supports 802.3af Power-over-ethernet (PoE)				

	<i>MUST have with Multiplatform Phone Firmware</i>				
	<i>Compatible with existing VSU fleet</i>				
<b>63</b>	<b>Wifi Access Point (Existing fleet of VSU Access Points)</b>	<b>unit</b>	<b>3</b>	<b>12,000.00</b>	<b>36,000.00</b>
	<i>UAP-nanoHD</i>				
	<i>Dimensions: 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29")</i>				
	<i>Weight: 300 g (10.6 oz)</i>				
	<i>With Mounting Kits: 315 g (11.1 oz)</i>				
	<i>Networking Interface: (1) 10/100/1000 Ethernet Port</i>				
	<i>Buttons: Reset</i>				
	<i>Power Method: 802.3af PoE</i>				
	<i>Power Supply: UniFi Switch (PoE)</i>				
	<i>Power Save: Supported</i>				
	<i>Beamforming: Supported</i>				
	<i>Maximum Power Consumption: 10.5W</i>				
	<i>Supported Voltage Range: 44 to 57VDC</i>				
	<i>TX Power</i>				
	<i>2.4 GHz: 23 dBm</i>				
	<i>5 GHz: 26 dBm</i>				
	<i>MIMO</i>				
	<i>2.4 GHz: 2x2</i>				
	<i>5 GHz: 4x4</i>				
	<i>Radio Rates</i>				
	<i>2.4 GHz: 300 Mbps</i>				
	<i>5 GHz: 1733 Mbps</i>				
	<i>Antennas</i>				
	<i>2.4 GHz: (2) Single-Port, Single-Polarity Antennas, 2.8 dBi each</i>				
	<i>5 GHz: (2) Single-Port, Dual-Polarity Antennas, 3 dBi ea</i>				
	<i>Wi-Fi Standards: 802.11 a/b/g/n/r/k/v/ac/ac-wave2</i>				
	<i>Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF</i>				
	<i>BSSID: 8 per Radio</i>				
	<i>Mounting: Wall/Ceiling (Kits Included)</i>				
	<i>Operating Temperature: -10 to 70 C (14 to 158 F)</i>				
	<i>Operating Humidity: 5 to 95% Noncondensing</i>				
	<i>Certifications: CE, FCC, IC</i>				
	<i>Advanced Traffic Management</i>				
	<i>VLAN: 802.1Q</i>				
	<i>Advanced QoS: Per-User Rate Limiting</i>				
	<i>Guest Traffic Isolation: Supported</i>				
	<i>WMM: Voice, Video, Best Effort, and Background</i>				
	<i>Concurrent Clients: 200+</i>				
	<i>Supported Data Rates (Mbps)</i>				
	<i>Standard Data Rates</i>				
	<i>802.11a 6,9,12,18,24,36,48,54 Mbps</i>				
	<i>802.11n 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT 20/40)</i>				
	<i>802.11ac 6.5 Mbps to 1.7 Gbps (MCS0-MCS9 NSS1/2/3/4, VHT 20/40/80)</i>				
	<i>58 Mbps to 1.7 Gbps (MCS0-MCS9 NSS1/2, VHT 160)</i>				
	<i>802.11b 1, 2, 5.5, 11 Mbps</i>				
	<i>802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps</i>				



<b>64</b>	<b>Drone (Professional Quadcopter With 5.5" Screen)</b>	<b>unit</b>	<b>2</b>	<b>260,000.00</b>	<b>520,000.00</b>
	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.				
<b>65</b>	<b>Thermal Receipt Printer</b>	<b>unit</b>	<b>1</b>	<b>5,500.00</b>	<b>5,500.00</b>
	Receipt Ticket Thermal Printer				
<b>66</b>	<b>Window speaker intercom system</b>	<b>pc</b>	<b>3</b>	<b>3,300.00</b>	<b>9,900.00</b>
	☑Dual-way anti-interference intercommunication				
	☑Connection cable length: at least 8m / 26.25ft				
	☑Working voltage: DC12V / 500mA				
	☑Adapter: AC 110/220V 50/60Hz				
	☑Main sound (sub sound): 3W+3W				
	☑Microphone sensitivity: -48db 20Hz-16KHz				
	☑Material: aluminum alloy shell				
<b>67</b>	<b>UPS Battery Backup, 1500VA</b>	<b>unit</b>	<b>2</b>	<b>10,000.00</b>	<b>20,000.00</b>
	☑ Capacity: at least 1500VA/900w				
	Output voltage: 220				
	Output frequency: 57-63 Hz for 60 Hz (or 50/60 Hz ± 3 Hz Sync to mains)				
	Input: 200 – 240 V, 50/60 HZ, 16.0 A maximum				
	Input frequency: 50/60 Hz +/- 3 Hz Auto-sensing				
	☑6 battery backup sockets				
	☑USB, coax, phone/network, and serial ports				
	☑ with Automatic Voltage Regulation (AVR)				
	☑LCD screen				
	☑at most 4 hours charging time				
<b>68</b>	<b>Monitor, 27" IPS, 4K (3840 x 2160)</b>	<b>unit</b>	<b>2</b>	<b>20,000.00</b>	<b>40,000.00</b>
	☑Size (Inch): 27 Inch				
	☑Resolution: 3840 x 2160				
	☑Panel Type: IPS				
	☑Aspect Ratio: 16:9				
	☑Pixel Pitch: 0.1554 x 0.1554 mm				
	☑Brightness (Typ.): 300 cd/m <sup>2</sup>				
	☑Color Gamut (Typ.): sRGB 98% (CIE1931).				
	☑Color Depth (Number of Colors): 1.07B				
	☑Contrast Ratio (Min.): 700:1				
	☑Contrast Ratio (Typ.): 1000:1				



	☑Response Time 5ms (GtG at Faster)				
	☑Viewing Angle (CR≥10) 178°(R/L), 178°(U/D)				
	☑Surface Treatment Anti-Glare				
<b>69</b>	<b>SDS: 8417M Micro Cut Paper Shredder</b>	<b>unit</b>	<b>2</b>	<b>10,800.00</b>	<b>21,600.00</b>
	Paper Shredder				
	Features:				
	- Sheets / Pass: 17 Pages				
	- Cut Type: Micro-Cut				
	- Cut Size: 2mmx10mm				
	- Security: High Security Level Din-P-5				
	- Users: 5+				
	- Bin Size: 26L				
	- Safety: Safe touch function - stops shredder immediately when hand is detected too close to the paper opening				
	- Shreds: Paper, staples, paper clips, CDs, credit cards				
	- Warranty: 1 Year				
	- LCD display, retractable cover guard, easy carry handles, bin level indicator, easy roll wheels				
	What's in the box				
	1 x Shredder				
	1 x Manual				
<b>70</b>	<b>GPS, Waterproof Hiking</b>	<b>unit</b>	<b>2</b>	<b>20,000.00</b>	<b>40,000.00</b>
	<b>General</b>				
	Physical Dimensions - 2.7" x 6.2" x 1.2" (6.9 x 15.7 x 3.0 cm)				
	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				
	<b>Maps &amp; Memory</b>				
	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				
	<b>Outdoor Recreation</b>				
	Hunt/Fish Calendar - Yes				
	Sun and Moon information - Yes				
	Geocaching-Friendly - Yes				
	<b>Sensors</b>				
	Barometric Altimeter - Yes				
	Compass - Yes				
	Area Calculation - Yes				
<b>71</b>	<b>Ink cartr HP # Q6003A, magenta</b>	<b>pc</b>	<b>10</b>	<b>4,140.00</b>	<b>41,400.00</b>
				<b>TOTAL:</b>	<b>3,800,000.00</b>

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

2. The *Visayas State University* now invites bids for the above Procurement Project. Delivery of the Goods is required by *Forty-Five (45) calendar days upon receipt of Notice to Proceed (NTP)*. Bidders should have completed, within *two (2) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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

4. Prospective Bidders may obtain further information from *Visayas State University* and inspect the Bidding Documents at the address given below during *Mondays - Fridays (8:00 AM-5:00 PM)*.
5. A complete set of Bidding Documents may be acquired by interested Bidders on *November 29 – December 20 2023 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 ***December 7, 2023; 2:00 PM*** at the *BAC Conference Room, VSU Market, Visca, Baybay City, Leyte* and through video conferencing *via Zoom*, which shall be open to prospective bidders.

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

7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address indicated below, (ii) online or electronic submission as indicated below, or (iii) both on or before ***20 December 2023 until 8:30 AM***. Late bids shall not be accepted.
8. For bidders who opt to submit their bids electronically, a hardcopy (original) of the bid must be sent to the BAC through preferred couriers. A proof (e.g. courier receipt/waybill, etc.) that a hardcopy of the bid is on transit must be presented upon submission of the electronic bid.
9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.

10. Bid opening shall be on **20 December 2023 until 9:00 AM** at the *BAC Conference Room, VSU Market, Visca, Baybay City, Leyte* and through video conferencing via *Zoom*. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

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

11. This procurement project is part of the early procurement activities (EPA) of VSU for 2024 projects. Procurement activities from advertisement until recommendation of award to the HoPE shall be conducted in 2023 but issuance of award to the winning bidders shall be done in 2024 upon the release of 2024 VSU General Appropriations Act from DBM.
12. 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.
13. For further information, please refer to:

**Mr. Leopoldo S. Escala Jr. (BAC Secretariat)**  
*Office of the Head for Procurement,*  
*VSU-Main, Visca, Baybay City, Leyte*  
*Mobile: 053 565 0600 local 1093 or 09639629709*  
*Email: [leopoldo.escala@vsu.edu.ph](mailto:leopoldo.escala@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](mailto:tmdargantes@vsu.edu.ph)*

14. You may visit the following websites:

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

*November 28, 2023*



**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 Office and IT Equipment and Supplies VSU Main and Alang-Alang Campus*, with identification number *VSU-GOODS-24-11*.

The Procurement Project (referred to herein as “Project”) is composed of *52 items*, the details of which are described in Section VII (Technical Specifications).

## **2. Funding Information**

2.1. The GOP through the source of funding as indicated below for 2024 in the amount of *Three Million Eight Hundred Pesos (PhP 3,800,000.00.00)*.

2.2. The source of funding is: NGA, the General Appropriations Act 2024.

## **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 *April 20, 2024*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

### **15. Sealing and Marking of Bids**

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

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

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

### **16. Deadline for Submission of Bids**

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



## 17. Opening and Preliminary Examination of Bids

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

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

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

## 18. Domestic Preference

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

## 19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows: One Project having several items, which shall be awarded as separate contracts per item.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## **20. Post-Qualification**

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

## **21. Signing of the Contract**

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

## ***Section III. Bid Data Sheet***

# Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: <ul style="list-style-type: none"> <li>a. <i>Office Equipment, IT Equipment and Supplies or combination</i></li> <li>b. completed within two (2) years prior to the deadline for the submission and receipt of bids.</li> </ul>
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP <i>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"> <li>a. The amount of not less than <i>Seventy-Six Thousand Pesos (PhP 76,000.00) 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</li> <li>b. The amount of not less than <i>One Hundred Ninety Thousand Pesos (PhP 190,000.00) or five percent (5%) of ABC</i> if bid security is in Surety Bond.</li> </ul>
15	<p>Bidders are requested to submit two (2) more copies of its bid (Copy 1 and Copy 2) in addition to the required original hardcopy.</p> <p>For filing purposes, the bidders are urged to use <b>Orange</b> 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) per item.</i>
20.2	Bidders are required to submit its updated Mayor's/Business Permit during post-qualification.
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	<b>Delivery and Documents –</b>
	For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	The delivery term applicable to this Contract is delivered <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.
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).
	For purposes of this Clause the Procuring Entity’s Representative at the Project Site is:  <p style="text-align: center;"><b><u>Vivian V. Balbarino</u></b>  <i>Head, Supply and Property Management Office</i>  <i>VSU-Main, Visca, Baybay City, Leyte</i>  <i>Contact #: 053 565 0600 local 1082/ 09175518871</i>  <a href="mailto:sppmo@vsu.edu.ph">sppmo@vsu.edu.ph</a></p> <ul style="list-style-type: none"> <li>● <b>Additional Instruction: The Supplier should notify the Head of Supply and Property Management Office at least 1 week before the scheduled delivery.</b></li> </ul>
	<b>Incidental Services –</b>
	The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:
	a. performance r supervision of on-site assembly and/or start-up of the supplied Goods;
	b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;
	c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;

	<ul style="list-style-type: none"> <li>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</li> <li>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.</li> </ul>
	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.
	<b>Spare Parts –</b>
	The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:
	<ul style="list-style-type: none"> <li>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</li> </ul>
	<ul style="list-style-type: none"> <li>b. in the event of termination of production of the spare parts: <ul style="list-style-type: none"> <li>i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and</li> <li>ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</li> </ul> </li> </ul>
	The spare parts and other components required are listed in <b>Section VI (Schedule of Requirements)</b> and the cost thereof are included in the contract price.
	The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of 3 years.
	Spare parts or components shall be supplied as promptly as possible, but in any case, within 1 month of placing the order.

	<p><b>Packaging –</b></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.</p>
	<p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p>
	<p>Name of the Procuring Entity</p>
	<p>Name of the Supplier</p>
	<p>Contract Description</p>
	<p>Final Destination</p>
	<p>Gross weight</p>
	<p>Any special lifting instructions</p>
	<p>Any special handling instructions</p>
	<p>Any relevant HAZCHEM classifications</p>
	<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><b>Transportation –</b></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>
	<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>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p>
	<p><b>Intellectual Property Rights –</b></p>
	<p>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>
2.2	<p>Payment of staggered deliveries shall be allowed. Payment shall be on <i>“as per cost of the items delivered”</i> 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 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.	Qty	Unit	Discription	Delivered, Weeks/Months
			<b><i>Delivery to Alang-alang Campus</i></b>	<b>Items 1-4</b> Should Be Delivered to VSU Alang-Alang Campus Brgy. Binongto- an, <b>Alangalang</b> Leyte within <b>45 calendar days</b> from receipt of Notice To Proceed (NTP), Purchase Order
<b>1</b>	<b>3</b>	<b>unit</b>	<b>Photocopier, 3 in1 ( Printer, Scanner and Copier)</b>	
			General - Fax Type: Plain paper, Printing Technology: Laser - color, Display Diagonal Size: 4.3" Display Features: Touch screen, Connection Availability: Yes, Interface: USB 2.0, Gigabit LAN, Wi-Fi(n), USB host, AirPrint Enabled: Yes, Office Machine Features, Scan to e-mail, scan to folder, scan to FTP, scan to SMB, scan to USB host.	
			Memory - Standard Memory: 512 MB, Max Supported Memory: 1.5 GB, Supported Flash Memory, SD Memory Card, SDHC Memory Card. Copying - Max Copying Speed: Up to 27 ppm (mono) / up to 27 ppm (color), Max Copying Resolution: Up to 600 x 600 dpi (mono) / up to 600 x 600 dpi (color),	
			Max Document Enlargement: 400%, Max Document Reduction: 25%, Maximum Copies: 999. Scanning - Automatic Duplexing: Yes, Optical Resolution: 600 x 600 dpi and Printing - Max Printing Resolution: Up to 9600 x 600 dpi (mono) / up to 9600 x 600 dpi (color),	
			Max Printing Speed: Up to 27 ppm (mono) / up to 27 ppm (color), Printer Drivers / Emulations: PCL 6, PCL 5c, KPDL3, PCL XL, PDF, XPS, PRESCRIBE, First Print Out Time B/W: 9.5 sec, First Print Out Time Color: 10.5 sec.	
			With warranty, Free demonstration of the unit and preferably branded.	
<b>2</b>	<b>2</b>	<b>unit</b>	<b>Stencil Digital Duplicating Machine</b>	
			(Type: Digital, desktop, printing); Process: Fully-automatic one drum stencil, (System, original sheet only).	
			Original Size: at least 275x395mm max; Print Paper size: Minimum 90x140mm, maximum 275x395mm max; Print Paper weight: at least 35.0-127.9g/m2;	
			Print Speed: at least less than 45 seconds. resolution 300x300 dpi image mode; letter mode photo mode, photo/letter mode, image: position vertical 10mm, horizontal 10mm;	
			Reproduction ratios: Pr-set reduction 71,82,87,93% Pper feed/delivery table capacity: 500 sheets (80g/m2); Power Consumption: Maximum: Master Making: Less than 175w (At 90 sheets per minute) standby: 35W.	
			With warranty, Free demonstration of the unit and preferably branded.	

<b>3</b>	<b>2</b>	<b>unit</b>	<b>Air-conditioning unit,4HP Split Type,</b>
			3TR Floor Mounted Standing Inverter, branded, including Accessories and with free Installations (includes at least 15 meter copper tube connections between condenser and Indoor unit.)
			DIMENSION Length 41.1cm Width 59.5cm Height 188.2cm KEY FEATURES Digital LED Display Self Diagnosis Remote Holder Side Air Intake Auto Louvers Energy Saving / Save Energy (SE) Wi-fi Controlled X-Fan Function Compressor Low-Pressure Protection
			TECHNICAL SPECIFICATIONS Power Supply 1 Ph / 230 V / 60 Hz Nominal Capacity 4.0 HP / 3 TR Cooling Capacity 37,980 kJ/h
			Rated Current 17.0 A Rated Power 3,550 W EER 10.7 Kj/hr-W s
			Refrigerant (type/charge) R-410A / 2,450 g INDOOR UNIT Airflow (SH/Hi/Mi/Lo) 1,850 / 1,630 / 1,420 / 1,250 m³/hr Sound Level (SH/Hi/Mi/Lo) 52 / 50 / 48 / 45 dB(A) COPPER TUBE SIZE Low Side / High Side Ø 5/8" / Ø 3/8"
			MAXIMUM PIPE DISTANCE BETWEEN INDOOR & OUTDOOR Height / Length / Circuit Breaker 10 m / 30 m / 40 A Warranty 1-Year on Parts & Service 5 Years on Motor
<b>4</b>	<b>5</b>	<b>unit</b>	<b>Air Conditioning Unit 2.0 HP</b>
			Split type with free Installations, branded, including Accessories (includes at least 15 meter copper tube connections between condenser and Indoor unit.)
			Description : Product Overview, Silver Ion Filter - can remove dust and particles more than 90% Smart cooling - the unit will run based on the indoor ambient condition. Auto select on which mode the unit will run based on ID ambient.Easy Maintenance - electronic control box and ID fan motor and placed efficiently and easily accessible.
			Warranty, 5 years limited warranty on compressor Parts: 1 year, Labor: 1 year,
			General Specification, Nominal Size: 2.0 hp, with Remote, Timer: Yes
			Cooling Capacity: at least 6,500-19,000 Control Type: Timer, Cooling Area (sq. meters): 24 – 35 sqm,
			Noise Level (Indoor) - High: approx. 44 dB(A), Noise Level (Indoor) – Low: approx. 34 dB(A),
			Speed Cooling: Yes, Filter: HEPA Filter, Airflow Direction Control (Up & Down): Yes, Airflow Direction Control (Left & Right): No, Temperature Control: Digital, Energy Efficiency Ratio (MIN ~ MAX): 13.5 - 10.0, Mfd/ Assembled in the Philippines: No, Power Consumption:Watts: 1,750(480 - 1,900), Power Requirements:Voltage: 230, Other Features: Blue Fin protection

VSU-GOODS-24-03 (VSU Main Campus)				
5	2	pc	<b>2 BURNER GAS STOVE</b>	Items 5 - 71 Should Be Delivered to VSU Main Campus, Visca, Baybay City, Leyte within <b>45 calendar days</b> from receipt of Notice To Proceed (NTP), Purchase Order
			☑Heavy duty gas stove	
			☑High quality fuel-efficient burner	
			☑Durable metal gas ignition controls	
			☑Stainless metal gasket and body	
			☑Auto-ignition burner	
			☑# of burners: 2	
			☑Dimensions: (W x L X D ) 71 x 35.5 x 8.5cm   28 x 14 x 3.3 inches	
			☑Burner diameter: 9cm   3.5 inches   Outer ring diameter: 22.5cm   8.9 inches	
			☑Space in between outer rings: 20cm   7.9 inches	
			☑Color: silver	
			☑Warranty: 1 year	
6	1	unit	<b>Smart TV, at least 70"</b>	
			Specifications:	
			Picture Engine: Crystal Processor 4K	
			• Color: Dynamic Crystal Color	
			• Contrast: Mega Contrast	
			• Sound: Q-Symphony	
			• Smart: Tap-View	
			• Design: AirSlim	
			Specifications Detail	
			Product Type: LED	
			Series: 8	
			Display	
			• Screen Size:at least 70"	
			• Resolution: 3,840 x 2,160	
			• Screen Curvature: N/A	
			Video	
			• Picture Engine: Crystal Processor 4K	
			• PQI (Picture Quality Index): 2200	
			• HDR (High Dynamic Range): HDR	
			• HDR 10+: Support	
			• HLG (Hybrid Log Gamma): Yes	
			• Contrast: Mega Contrast	
			• Viewing Angle: N/A	
			• Color: Dynamic Crystal Color	
			• Micro Dimming: UHD Dimming	
			• Auto Depth Enhancer: N/A	
			• Contrast Enhancer: Yes	
			• Auto Motion Plus: Yes	
			• Film Mode: Yes	
			• Natural Mode Support: Yes	
			Audio	
			• Dolby Digital Plus: Yes	
			• Dolby 5.1 Decoder: N/A	
			• Object Tracking Sound: N/A	
			• Q-Symphony: Q-Symphony	
			• Audio Pre-selection Descriptor: N/A	

			• <i>Hole Array Speaker: N/A</i>
			• <i>Sound Output (RMS): 20W</i>
			• <i>Speaker Type: 2CH</i>
			• <i>Woofers: N/A</i>
			• <i>Multiroom Link: Yes</i>
			• <i>Bluetooth Audio: Yes</i>
			<i>Smart Service</i>
			• <i>SMART TV: Smart</i>
			• <i>Operating System: Tizen™</i>
			• <i>Bixby: US English, UK English, India English, Korean, French, German, Italian, Spanish, Portuguese (features vary by language)</i>
			• <i>Voice Interaction: N/A</i>
			• <i>Far-Field Voice Interaction: N/A</i>
			• <i>Alexa Built-in: N/A</i>
			• <i>Google Assistant Built-in: N/A</i>
			• <i>Works with Google Assistant: N/A</i>
			• <i>Works With Alexa: N/A</i>
			• <i>TV Plus: N/A</i>
			• <i>Web Browser: Yes</i>
			• <i>Gallery: Yes</i>
			<i>Convergence</i>
			• <i>TV to Mobile – Mirroring: N/A</i>
			• <i>Mobile to TV - Mirroring, DLNA: Yes</i>
			• <i>NFC on TV: N/A</i>
			• <i>Tap View: Yes</i>
			• <i>Digital Butler: N/A</i>
			• <i>Multi-View: N/A</i>
			• <i>Sound Wall: Yes</i>
			• <i>Remote Access: Basic</i>
			• <i>360 Video Player: N/A</i>
			• <i>360 Camera Support: N/A</i>
			• <i>Bluetooth Low Energy: Yes</i>
			• <i>WiFi Direct: Yes</i>
			• <i>TV Sound to Mobile: Yes</i>
			• <i>Sound Mirroring: Yes</i>
			<i>Differentiation</i>
			• <i>Tune Station: N/A</i>
			• <i>Auto Hotspot Connect: N/A</i>
			• <i>S-Share: N/A</i>
			• <i>Auto Data Backup: N/A</i>
			• <i>Dongle Compatibility (3G / LTE / WiFi): N/A</i>
			• <i>Analog Clean View: N/A</i>
			• <i>Triple Protection: N/A</i>
			<i>Tuner/Broadcasting</i>
			• <i>Digital Broadcasting: ISDB-T</i>
			• <i>Analog Tuner: Yes</i>
			• <i>2 Tuner: N/A</i>
			• <i>CI (Common Interface): N/A</i>
			• <i>Data Broadcasting: N/A</i>
			• <i>TV Key Support: Yes</i>
			<i>Connectivity</i>
			• <i>HDMI: 3</i>



			• USB: 2
			• Component In (Y/Pb/Pr): N/A
			• Composite In (AV): 1
			• Ethernet (LAN): Yes
			• Audio Out (Mini Jack): N/A
			• Digital Audio Out (Optical): 1
			• RF In (Terrestrial / Cable input): 1/1(Common Use for Terrestrial)/0
			• Ex-Link (RS-232C): N/A
			• CI Slot: N/A
			• HDMI A / Return Ch. Support: Yes
			• eARC: Yes
			• HDMI Quick Switch: Yes
			• Wireless LAN Built-in: Yes (WiFi5)
			• Bluetooth: Yes (BT5.2)
			• Anynet+ (HDMI-CEC): Yes
7	1	unit	<b>Bread Toaster, 4 slots</b>
			4-slice Stainless Steel Toaster
			Stainless Steel Body•Variable
			Toast Control•Defrost & Reheat Functions
			Slide-out Crumb Tray
8	2	unit	<b>Conference Microphone, Gooseneck</b>
			☑Acoustic Principle: Condenser Polar
			☑Pattern: Cardioid
			☑Frequency Response: 50-16000Hz
			☑Sensitivity: -35±2dB(0dB=1V/Pa @ 1KHz)
			☑Signal to Noise Ratio: 80dB
			☑Output connector: XLR Connector
			☑Power requirement: 48V Phantom Power
			☑Built-in LED indicator shows Talk/Mute
			☑Foam windscreen included
9	1	unit	<b>Digital Automatic Flatbed Printer; Foil printing hot stamping machine for A3 and A4</b>
			Max printing size: 25*30cm
			Max printing thickness: 3cm
			Max printing speed: 2cm - 5cm/s
			Resolution: 300dpi
			Printing method: Thermal printing
			Voltage: AC110-240V 50/60Hz
			Power: 150W
			Computer system requirement: Windows
			Software requirement: Most of softwares, Coreldraw, photoshop, adobe illustrator, office word
			Temperature requirement: 5°C to 40°C
			Printer weight: 23kg
			Printer size: 60cm*50cm*30cm
			Warranty: 1year excluded printing head unless quality problem
10	1	set	<b>Digital Duplicator Machine, Copy printer, 300x600 DPI printing</b>
			Master Making/Printing Methods: High-speed digital master-making/Fully automatic printing

			Scanning: 600 dpi × 600 dpi
			Printing: 300 dpi × 600 dpi, Quick Master Making mode: 300 dpi × 400 dpi
			Maximum Scanning Area: 297 mm × 432 mm
			Print Paper Weight: 46 gsm to 157 gsm
			Print Paper Size: 100 mm × 148 mm to 310 mm × 432 mm
			Maximum Printing Area: 210 mm × 357 mm
			Paper Feed Tray Stacking Capacity: 1000 sheets*2, stacking height of 110 mm or lower
			Paper Receiving Tray Stacking Capacity: 1000 sheets*2, stacking height of 110 mm or lower
			Print Speed: 5 levels: 60, 80, 100, 120 and 130 ppm
			Functions: Original Scanning mode, Scanning Level, Enlargement/Reproduction, Dot Process, 2-Up, Book, Ink Saving, Quick Master Making, ADF-Semi-Auto*3, Speed, Density, Print Position, Program A/B, Job Separation*3, Idling, Confidential, Meter Display, Count Report Output, Proof, Direct Printing, USB Flash-via-Printing, Auto Sleep Setting, Auto Power-OFF Setting, ECO mode, RISO iQuality System
			Ink Supply: Full automatic (1000 ml/cartridge)
11	1	lot	<b>Electric Floor Polisher, Vaccum Cleaner and Sound System</b>
			Item Specification
			<b>1.Wet and Dry Vacuum Cleaner - 1 unit</b>
			Item Specification
			Super Suction Power
			Wet and Dry Vacuuming
			Blower Function
			Accessory Storage
			Energy Efficient
			Vacuum Cleaner Features: Bagged, Blower, Wheels
			Warranty Type:Local Supplier Warranty
			Warranty Period:1 Year
			Actual suction power* (Air watts) 200
			Energy use (W) 1000
			Container capacity (l) 17
			Container material Stainless steel
			Power cable (m) 4
			Standard accessory ID (mm) 35
			Supply voltage (V/Hz) 220 - 240 / 50 - 60
			Weight without accessories (kg) 5,8
			Weight incl. packaging (kg) 8,2
			Dimensions (L x W x H) (mm) 388 x 340 x 525
			1xSuction hose, 2 m, 35 mm; 2x Suction tubes, 0.5 m, 35 mm; 1x Wet and dry floor nozzle, Clips; 1x Cartridge filter, Standard; 1x Crevice nozzle; 1x Paper filter bag
			<b>2. Electric Floor Polisher- 1 unit</b>
			Item Specification:
			>Speed Switch-Speed Selection low (175 RPM) and High (320 RPM)
			>Handle Tube-All Chrome 1-1/2 inch
			>Power Cord- 50ft. UL Listed 14/3 STW-A. Comes with

			cord strain relief
			>Transport Wheels- 5 inch non-marking self lubricated wheels
			>All Metal Housing-provides long lasting durability
			<b>3. Sound System- 1 unit</b>
			Item Specification
			Specs
			Type:Portable PA System
			Speaker Drivers:1 x 8" woofer, 1.35" compression driver
			Number of Mixer Channels:6
			Number of Mic Preamps:2
			EQ:Treble, Bass, 5-band Graphic
			Inputs:2 x XLR (mic), 2 x 1/4" (line), 6 x 1/4" (3 x stereo pair), 2 x stereo RCA, 1 x 1/8" (aux in)
			Outputs:2 x 1/4" (speaker out)
			USB:1 x Type A (ULM wireless ready)
			Bluetooth:Yes
			Total Power:500W
			Frequency Response:50Hz-22kHz
			Microphone:1 x Behringer XM1800S
			Power Source:Standard IEC AC cable
			Height:25.9"
			Width:13.9"
			Depth:34.8"
			Weight:44.7 lbs.
<b>12</b>	<b>1</b>	<b>unit</b>	<b>Exhaust Fan</b>
			☐Exhaust Fan 12 inch
			☐power input: 50w
			☐12 inch plastic blade
			☐wall-mounted
			☐reversible motor for desired air flow (Exhaust/Blower)
			☐with pull cord switch
			☐detachable plastic panel & front grill
			☐metal shutters
			☐Air volume: 28.47/ 19.10 CMM
			☐Unit dimension: 39cm x 17cmx39cm
			☐Mounting Dimension: 35cm x 35cm
<b>13</b>	<b>1</b>	<b>unit</b>	<b>Heavy Duty Combo Binding Machine</b>
			☐Maximum Punching Sheets: 25
			☐Max Size: LS, F4, A4, Extra Long
			☐Selectable Punching Pins: 24 slots
			☐Net Weight: 12.5kgs
<b>14</b>	<b>1</b>	<b>unit</b>	<b>Hot &amp; Cold water dispenser</b>
			☐Bottom load water dispenser
			☐3 Faucets: Hot, Cold and Normal water function
			☐3-Push Button dispensing control
			☐Anti-scald safety lock switch
			☐Child Lock Safety feature on Hot Water Faucet
			☐Floater indicator to avoid water overflow
			☐Capacity: Hot - 1.2 Liters, Cold - 3.5 liters, Power Rating: Hot - 420 watts, Cold - 100 watts, R134a

15	4	unit	<b>Laminator Machine, A3</b>
			☑Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection
16	1	unit	<b>Megaphone</b>
			☑Bullhorn
			☑1000 yard range
			☑For indoor and outdoor use
			☑Built-in siren
			☑40 W amplifier
			☑Built-in mic
			☑10 seconds recording function
17	3	unit	<b>Paper shredder machine, heavy duty</b>
			☑Shred Type: Cross Cut
			☑Maximum Sheet capacity(70gsm) : 10 Sheets
			☑Waste Container capacity: 21 Liters
			☑Power Source: 220 - 240 VAC
18	4	unit	<b>Portable Trolley 15" Speaker with wireless microphone</b>
			☑15" 2 Way 480 Watts Powered Portable Sound System
			☑Plastic Cabinet
			☑AC220V or DC12V (With built-in Rechargeable Batteries)
			☑With 2 Wireless Microphone
			☑With 2 Mic Input (1 XLR, 1 PL55)
			☑With FM Radio, Bluetooth, Guitar Input (Shared with Mic 2 input), USB & SD Port
			☑With 5 Band Equalizer and LCD Display
			☑With Aux / Line In and Line Out
			☑With Remote Control, Handle and Wheel
19	4	unit	<b>Sliding Paper Cutter</b>
			Working Area: A3 and A4
			Cutting Capacity: 16 sheets
			Packing Weight: 5 kg
			Material: Metal
			Available Size: A3 and A4
			Packing Measurement: 56x34x11 cm
			Other Specifications: Heavy duty for Vinyl, Cardboard Paper
20	2	piece	<b>Smart TV at least 70 inches</b>
			with wall bracket;
			Resolution: 4K Ultra HD
			Screen Size: at least 70"
			Connectivity: 3x HDMI 2.1
			2X USB
			WIFI
			BLUETOOTH
			HDMI Ports: 3x HDMI 2.1
			Voltage: AC100-240V - 59/69Hz

<b>21</b>	<b>1</b>	<b>Lot</b>	<b>Sound System, Speaker, 3 units</b>
			All-in-one PA system with 10-channel powered mixer and full-range speakers
			Bluetooth audio streaming
			Sub output with automatic high-pass filter for powered subwoofer use
			with 2 microphone
<b>22</b>	<b>1</b>	<b>pc</b>	<b>Speaker, for PC, 2.1 (Speaker with Subwoofer)</b>
			☐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
<b>23</b>	<b>2</b>	<b>unit</b>	<b>Surge suppressor 6 outlets</b>
			☐Maximum capacity: 2500W
			☐Voltage Surge Protector (protects appliances from voltage spikes)
			☐6 Neon Switch
			☐1 Circuit Breaker (protects appliance from overload or short circuit)
			☐3 Two-Prong Outlets
			☐3 Three-Prong Outlets w/ Grounding
			☐90 degree outlet orientation
			☐With line/noise filter
			☐Royal Cord #16/3 (5.00 meters)
			☐Metal casing
<b>24</b>	<b>1</b>	<b>unit</b>	<b>Television, UHD, Smart TV</b>
			Display Size: 50"
			Ports Input: OTHERS, HDMI, USB, Component in (Y/PB/Pr), RF in (Terrestrial/Cable Input), Digital Audio Out (Optical), Audio Out (Mini Jack), Ethernet (LAN), Composite in (AV)
			TV Features: Netflix, HDR, Cinema 3D ,Wireless Connectivity, Web Browser, Mobile Screen Mirroring, Youtube, DTS Audio, Bluetooth Connectivity
			TV Resolution: 4K UHD
			Smart TV OS: Android OS
<b>25</b>	<b>1</b>	<b>unit</b>	<b>Water Dispenser (top loading), with fridge</b>
			Fridge cabinet to cool additional drinks.
			Three water spouts: hot, room temperature, cold.
			LED indicators add to ease of use.
			Durable/ good quality
			Size & Capacity
			Gross weight (Kg): 17
			Net weight (Kg): 15.46
			Fridge cabinet capacity (L):19
			Type & Setup
			Type: Top load water dispensers

			Control type: Manual
			Product installation: Freestanding
			Product dimensions
			Depth: 372 mm
			Height: 1003 mm
			Width: 318 mm
			Depth packed: 386 mm
			Height packed: 1050 mm
			Width packed: 358 mm
			Power Supply
			Voltage (V): 220-240
			Total wattage (W): 520
<b>26</b>	<b>1</b>	<b>set</b>	<b>Wireless Dual Handheld Microphone</b>
			Receiver
			Power Consumption: 12w (Max)
			Receiver Sensitivity: -95dbm
			Mixing Output Socket: ø6.3mm Socket
			Balanced Output Socket: XLR Socket
			Transmitter
			Carrier Frequency: Depends on regional frequency band
			Transmit Power: 10dBm (±2dBm)
			Microphone Capsule: Dynamic
			Polar Pattern: Super Cardioid
			Impedance: 600
			Frequency Response: 80~12000Hz
			Current Consumption: 120mA
			Battery: Size AA x 2pcs
			Operation Range: 90 meters (in open area)
			Battery Life: Approximately 12 hours (uses alkaline batteries)
			Each microphone has 100 selectable channels and independent volume controls.
			This UHF system features 6-axis gyroscope to automatically enter mute mode when idling for 5~10 seconds.
<b>27</b>	<b>2</b>	<b>unit</b>	<b>Water Dispenser, Cabinet type</b>
			☑Floor standing
			☑Hot and cold function
			☑plastic body,high efficiency compressor
			☑thermally protected
<b>28</b>	<b>1</b>	<b>pc</b>	<b>Speaker, for PC, 2.1 (Speaker with Subwoofer)</b>
			☑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
			<b>VSU-GOODS-24-04 (VSU Main Campus)</b>
<b>29</b>	<b>20</b>	<b>pc</b>	<b>3M RJ-45 Volition U.S. Faceplate face plate panel double port 2-Port IO Information Outlet plate</b>

			<ul style="list-style-type: none"> <li>☑Original 3M</li> </ul>
			<ul style="list-style-type: none"> <li>☑IO Information Outlet plate</li> </ul>
			<ul style="list-style-type: none"> <li>☑Ensure easy fitting and smart presentation of the RJ45 jacks</li> </ul>
			<ul style="list-style-type: none"> <li>☑The Keystone mounting feature of the Jack may allow you to use other Keystone boxes or faceplates.</li> </ul>
			<ul style="list-style-type: none"> <li>☑High performance</li> </ul>
			<ul style="list-style-type: none"> <li>☑Brand new</li> </ul>
			<ul style="list-style-type: none"> <li>☑comes with 2 pcs screws</li> </ul>
			<ul style="list-style-type: none"> <li>☑Existing fleet of VSU Faceplate and should be compatible with existing keystone</li> </ul>
30	38	pc	<b>3M Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount</b>
			<ul style="list-style-type: none"> <li>☑Original 3M</li> </ul>
			<ul style="list-style-type: none"> <li>☑IO Information Outlet</li> </ul>
			<ul style="list-style-type: none"> <li>☑Tool-less jack •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Re-usable •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Shallow Depth, Cable Entry from top or bottom •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Keystone Mounting •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Accepts both solid conductors from AWG 26 to 22 and stranded conductors •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Integral shutter Benefits •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Easy and quick to install •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Fast reliable connection in record time: 8 copper conductor wired in a single connection •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Quality of connection by design: not dependant on tool condition or operator skills</li> </ul>
			<ul style="list-style-type: none"> <li>☑Consistent results •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Easier cable management •</li> </ul>
			<ul style="list-style-type: none"> <li>☑No need to use a new jack if a wiring mistake is made •</li> </ul>
			<ul style="list-style-type: none"> <li>☑More space and flexibility to ensure the cable minimum bend radius is never compromised •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Increased dust protection, especially during installation • No additional shuttering required on faceplates •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Higher port density •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Allows direct mounting into floor boxes •</li> </ul>
			<ul style="list-style-type: none"> <li>☑An integral shutter protects the jack in the patch panel •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Should be compatible with the existing fleet of VSU faceplates</li> </ul>
31	1	pc	<b>Battery Charger for 9 Volts Battery</b>
			<ul style="list-style-type: none"> <li>For 9 volts rechargeable batteries *Charges 2x rechargeable batteries (9 volts) at the same time\</li> </ul>
			<ul style="list-style-type: none"> <li>*With 110v &amp; 220v setting</li> </ul>
			<ul style="list-style-type: none"> <li>Compatible with Nickel-Cadmium &amp; Nickel-Metal Hydride rechargeable batteries</li> </ul>

32	1	pc	<b>Canon Cartridge 054 Toner - Black</b>
			<i>For Canon Generic UFR II Printer Model: LBP621C</i>
			<i>Color: Black</i>
33	4	pc	<b>Computer Keyboard USB</b>
			☑Standard Keyboard with 104 Keys
			☑USB Connection
			☑Low Profile Key Caps
			☑Minimum Key Noise
			☑Laser Printing for Key Layout
			☑Spill Resistant Design
34	1	pc	<b>Computer Monitor 21.5", VA</b>
			<i>Size: 21.5"</i>
			<i>Panel Type: VA</i>
			<i>Resolution: 1920x1080 (FHD)</i>
			<i>Refresh Rate: 75Hz</i>
			<i>Response Time: 5MS</i>
			<i>Interface: VGA, HDMI</i>
			<i>With a slim and 3-sided frameless design</i>
			<i>Flicker Free and Low Blue Mode eye protection tech.</i>
			<i>VESA mount compatibility</i>
35	4	unit	<b>DDR3 4GB SO - DIMM 2666 Mhz</b>
36	1	unit	<b>Desktop Computer, All-in-one (AIO), Pentium Silver, 4GB RAM</b>
			<i>Intel Pentium Silver J5040 2.0GHz up to 3.20GHz Processor or higher</i>
			<i>4GB DDR4 Memory or higher</i>
			<i>1TB 2.5" SATA HDD or higher</i>
			<i>21.5" FHD 1920x1080 IPS Display (non-touch) or higher</i>
			<i>Intel Graphics</i>
			<i>802.11AC WiFi + BT   720P HD Camera</i>
			<i>HDMI out 1.4 Port</i>
			<i>Windows 10</i>
37	2	pc	<b>DS3231 RTC High Precision Real-Time Clock Module</b>
38	1	unit	<b>DSLR Camera</b>
			<i>24.5MP FX-Format BSI CMOS Sensor and EXPEED 6 Processor</i>
			<i>51-Point Multi-CAM 3500 II AF Sensor</i>
			<i>UHD 4K Video Recording</i>
			<i>273-Point Hybrid AF System</i>
			<i>Body Design</i>
39	1	unit	<b>DSLR Camera with lens and accessories</b>
			<i>20.2MP APS-C 'Dual Pixel CMOS AF' sensor</i>
			<i>DIGIC 5+ image processor</i>
			<i>ISO 100-12800 standard, 25600 expanded</i>
			<i>7fps continuous shooting, burst depth 65 JPEG / 16 Raw</i>
			<i>'Silent' shutter mode</i>
			<i>1080p30 video recording, stereo sound via external mic</i>



			19-point AF system, all points cross-type, sensitive to -0.5 EV
			63-zone iFCL metering system
			98% viewfinder coverage, 0.95x magnification, switchable gridlines and electronic level display
			Fully-articulated touchscreen, 1040k dot 3" ClearView II LCD, 3:2 aspect ratio
			Single SD/SDHC/SDXC card slot
			Built-in Wi-Fi
			Single-axis electronic level
			Built-in flash works as off-camera remote flash controller
			AF microadjustment (can be set individually for up to 40 lenses, remembered by lens serial number)
			In-camera High Dynamic Range and Multiple Exposure modes (JPEG-only)
			'Creative Filter' image processing styles, previewed in live view
40	10	unit	<b>External Hard Drive, 1 TB</b>
			Capacity: 1TB
			Connection interface: USB 2.0/3.0
			Storage Media: 2.5" SATA HDD
			Op. Voltage: USB DC 5V
			Size :129.5mm x 82.4mm x 20.4mm
			Weight: 216g
41	4	pcs	<b>Hard Disk ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5</b>
			ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5
42	1	pc	<b>Headset (Wired), Generic Over the Ear with mic</b>
			☑Line is equipped with a rotary volume controller, one key Mic mute,
			☑Frequency Range:20-20K(Hz)
			☑Sensitivity:-52(dB)
			☑Impedance:32(Ohm)
			☑Speaker Diameter:40(mm)
			☑Distortion Rate:0.8%
			☑Plug Diameter:3.5mm
43	4	sets	<b>Headset, Over Ear, wired</b>
			☑Wearing Type: Over-ear
			☑Microphone: Yes
			☑Volume Control: Yes
			☑One Key Mute Button: Yes
			☑Microphone: Omnidirectional
			☑Plug Type: 3.5mm
			☑Speaker Diameter: 50mm
			☑Receive Sensitivity: 101dB
			☑Impedance: 32Ω
			☑Frequency Response: 20-20kHz
44	2	sets	<b>Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R, T05A1 T05A2 T05A3 T05A4, Printer Ink Bag</b>

			Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R
			T05A1 (BLACK)
			T05A2 (CYAN)
			T05A3 (MAGENTA)
			T05A4 (YELLOW)
45	6	pcs	<b>Ink Cartridge, HP704, black</b>
46	6	pcs	<b>Ink Cartridge, HP704, tri color</b>
47	5	tube	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Black</b>
48	5	tube	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Cyan</b>
49	5	tube	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Magenta</b>
50	5	tube	<b>Ink, EPSON T9481 XL for WF-C878R Printer, Yellow</b>
51	3	pc	<b>Laptop Stand Lifting Riser Holder Aluminum Height/Angle</b>
52	5	unit	<b>LCD Projector (XGA), 3LCD Technology</b>
			☐Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology
			☐White Light Output (Normal/Eco):3,600 lm
			☐Colour Light Output:3,600 lm
			☐Resolution XGA, at least 1024 x 768,
			☐Analog Input:D-Sub 15pin: 1
			☐Digital Input:HDMI: 1
			☐LCD:Native Resolution: XGA (1024 x 768)
			☐Size: 0.55" (C2fine)
			☐Lightsource:Type: 210W UHE
			☐Life (Normal / Eco): 6,000 / 12,000 hours
			☐Aspect Ratio:4:3
			☐USB Interface:USB Type B: 1 (For Firmware Update, Copy OSD Settings)
			☐Analog Input:D-Sub 15pin: 1
			☐Digital Input:HDMI: 1
53	1	unit	<b>LCD Projector, XGA (1024x768)</b>
			☐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

54	1	unit	<b>LED Voltage Tester</b>
			LED Voltage Tester
			600V AC/DC, Continuity Check, Battery Powered
			CAT III 100V, CAT IV 600
55	2	unit	<b>Mirrorless Camera, 24MP APS-C</b>
			24.1MP APS-C CMOS Sensor
			Digital Imaging Integrated Circuit (DIGIC) 8 Image Processor
			UHD 4K and HD 720p120 Video Recording
			Dual Pixel CMOS AF with Eye Detect AF
			2.36m-Dot OLED Electronic Viewfinder
			3.0" 1.04m-Dot Vari-Angle Touchscreen
			Wi-Fi and Bluetooth; Webcam Capability
			Extended ISO 51200, 10 fps Shooting
			Combination 5-Axis Image Stabilization
			Includes EF-M 15-45mm f/3.5-6.3 IS STM Lens
56	3	unit	<b>Printer, Wi-Fi Duplex All-in-One Ink</b>
			Printer Type:Print, Scan, Copy
			Print Method:On-demand inkjet (piezoelectric)
			Printer Language:ESC/P-R, ESC/P Raster
			Nozzle Configuration:180 x 1 nozzles Black, 59 x 1 nozzles per Colour (Cyan, Magenta, Yellow)
			Maximum Resolution:5760 x 1440 dpi
			Automatic 2-sided Printing:Yes (Up to A4)
			Scanner Type:Flatbed colour image scanner
			Sensor Type:CIS
			Optical Resolution:1200 x 2400 dpi
			USB:USB 2.0
			Network:Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
			Network Protocol:TCP/IPv4, TCP/IPv6
			LCD Screen:1.44" Colour LCD Screen
57	2	unit	<b>Rechargeable Wireless Keyboard and Mouse Set</b>
			Rechargeable Office Wireless Keyboard and Mouse Set
			Size: 284*121*16.mm
			Weight: 280g
			Connection method: USB receiver/Bluetooth
58	2	btls	<b>Toner MP 2014H NRG Brand</b>
			MP2014H Series/MP2700/MP2701;
59	3	pc	<b>Universal HDMI to VGA Adapter Cable, at least 1.8 meters</b>
60	2	unit	<b>UPS</b>
			Output Power Capacity: 550 Watts/1100 VA
			Max Configurable Power: 550 Watts/1100 VA 2 years' warranty
			Nominal Output Voltage: 230V
			Output Connections:(2) IEC 320 C13 (Battery Backup) (4) Universal Receptacle (Battery Backup)

			☐Nominal Input Voltage: 230V
			☐At most 4 hours charging time
61	2	unit	<b>VOIP Phone</b>
			☐1-Line PoE+ SIP VOIP Phone SPA MAC address (IEEE 802.3) with lifetime warranty
			☐IPv4 (RFC 791)Integrated web server provides web-based administration and configuration
			☐Telephone keypad configuration via display menu/navigation
			☐Automated provisioning and upgrade via HTTPS, HTTP, TFTP
			☐Asynchronous notification of upgrade availability via NOTIFY
			☐Nonintrusive in-service upgrades
			☐Report generation and event logging
			☐Statistics transmitted in BYE message
			☐Syslog and debug server records: configurable per line
			☐Address Resolution Protocol (ARP)
			☐DNS: A record (RFC 1706), SRV record (RFC 2782)
			☐Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)
			☐Internet Control Message Protocol (ICMP) (RFC 792)
			☐TCP (RFC 793)
			☐User Datagram Protocol (UDP) (RFC 768)
			☐Real-Time Transport Protocol (RTP) (RFC 1889, 1890)
			☐Real-Time Control Protocol (RTCP) (RFC 1889)
			☐Differentiated Services (DiffServ) (RFC 2475)
			☐Type of service (ToS) (RFC 791, 1349)
			☐VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)
			☐Simple Network Time Protocol (SNTP) (RFC 2030)SIP version 2 (RFC 3261, 3262, 3263, 3264)
			SPCP with the Cisco Unified Communications 500 Series
			☐SIP proxy redundancy: dynamic via DNS SRV, A records
			☐Reregistration with primary SIP proxy server
			☐SIP support in NAT networks (including STUN)
			☐SIPFrag (RFC 3420)
			☐Secure (encrypted) calling via SRTP
			☐Codec name assignment
			☐Voice algorithms:
			☐G.711 (A-law and $\mu$ -law)
			☐G.726 (16/24/32/40 kbps)
			☐G.729 A
			☐G.722
			☐Dynamic payload support
			☐Adjustable audio frames per packet
			☐Dual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO)
			☐Flexible dial plan support with interdigit timers
			☐IP address/URI dialing support
			☐Call progress tone generation
			☐Jitter buffer: adaptive
			☐Frame loss concealment

			<ul style="list-style-type: none"> <li>☑ Comfort Noise Generation (CNG)</li> <li>☑ Voice activity detection (VAD) with silence suppression</li> <li>☑ Attenuation/gain adjustments</li> <li>☑ VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBS</li> <li>☑ Caller ID support (name and number)</li> <li>☑ Third-party call control (RFC 3725)</li> <li>☑ Should be compatible with existing fleet of VSU IP Phones</li> </ul>
<b>62</b>	<b>2</b>	<b>unit</b>	<b>VoIP, Telephone</b>
			Display: White backlit, greyscale, 3.5-inch (396x162 pixels) display
			Call Appearance: 16 voice lines
			Fixed Feature Buttons: Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute
			Navigation Keys: Two-way navigation and select keys
			Programmable Line/Feature Keys: 16 programmable keys that support either lines (such as directory numbers), or call features (such as speed dialing).
			Programmable Softkeys: 4 buttons
			Button Module Expansion: No
			Speakerphone: Includes high-quality, 2-way speakerphone
			Audio: Wideband audio enhances clarity with the handset, speaker, or headset
			Codecs: G.711 (A-law and m-law), G.722.2, G.722, G.729ab, ILBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)
			Wall-Mountable Kit
			Ethernet Connectivity: Dual Ethernet (10/100) line interface (PC Pass Through & Network Connection)
			Headset Port: Includes RJ9 headset port with EHS support
			Message Waiting Indicator: Yes
			Network Security: Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography
			<b>POWER REQUIREMENTS</b>
			Supports 802.3af Power-over-ethernet (PoE)
			<b>MUST have with Multiplatform Phone Firmware</b>
			Compatible with existing VSU fleet
<b>63</b>	<b>3</b>	<b>unit</b>	<b>Wifi Access Point (Existing fleet of VSU Access Points)</b>
			UAP-nanoHD
			Dimensions: 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29")
			Weight: 300 g (10.6 oz)
			With Mounting Kits: 315 g (11.1 oz)

			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: 23 dBm
			5 GHz: 26 dBm
			MIMO
			2.4 GHz: 2x2
			5 GHz: 4x4
			Radio Rates
			2.4 GHz: 300 Mbps
			5 GHz: 1733 Mbps
			Antennas
			2.4 GHz: (2) Single-Port, Single-Polarity Antennas, 2.8 dBi each
			5 GHz: (2) Single-Port, Dual-Polarity Antennas, 3 dBi ea
			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
64	2	unit	<b>Drone (Professional Quadcopter With 5.5" Screen)</b>
			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.
65	1	unit	<b>Thermal Receipt Printer</b>
			Receipt Ticket Thermal Printer
66	3	pc	<b>Window speaker intercom system</b>
			☑Dual-way anti-interference intercommunication
			☑Connection cable length: at least 8m / 26.25ft
			☑Working voltage: DC12V / 500mA
			☑Adapter: AC 110/220V 50/60Hz
			☑Main sound (sub sound): 3W+3W
			☑Microphone sensitivity: -48db 20Hz-16KHz
			☑Material: aluminum alloy shell
67	2	units	<b>UPS Battery Backup, 1500VA</b>
			☑ Capacity: at least 1500VA/900w
			Output voltage: 220
			Output frequency: 57-63 Hz for 60 Hz (or 50/60 Hz ± 3 Hz Sync to mains)
			Input: 200 – 240 V, 50/60 HZ, 16.0 A maximum
			Input frequency: 50/60 Hz +/- 3 Hz Auto-sensing
			☑6 battery backup sockets
			☑USB, coax, phone/network, and serial ports
			☑ with Automatic Voltage Regulation (AVR)
			☑LCD screen
			☑at most 4 hours charging time
68	2	unit	<b>Monitor, 27" IPS, 4K (3840 x 2160)</b>
			☑Size (Inch): 27 Inch
			☑Resolution: 3840 x 2160
			☑Panel Type: IPS
			☑Aspect Ratio: 16:9
			☑Pixel Pitch: 0.1554 x 0.1554 mm
			☑Brightness (Typ.): 300 cd/m <sup>2</sup>
			☑Color Gamut (Typ.): sRGB 98% (CIE1931).
			☑Color Depth (Number of Colors): 1.07B
			☑Contrast Ratio (Min.): 700:1
			☑Contrast Ratio (Typ.): 1000:1
			☑Response Time 5ms (GtG at Faster)
			☑Viewing Angle (CR≥10) 178°(R/L), 178°(U/D)
			☑Surface Treatment Anti-Glare
69	2	unit	<b>SDS: 8417M Micro Cut Paper Shredder</b>
			Paper Shredder
			Features:
			- Sheets / Pass: 17 Pages



			- Cut Type: Micro-Cut
			- Cut Size: 2mmx10mm
			- Security: High Security Level Din-P-5
			- Users: 5+
			- Bin Size: 26L
			- Safety: Safe touch function - stops shredder immediately when hand is detected too close to the paper opening
			- Shreds: Paper, staples, paper clips, CDs, credit cards
			- Warranty: 1 Year
			- LCD display, retractable cover guard, easy carry handles, bin level indicator, easy roll wheels
			What's in the box
			1 x Shredder
			1 x Manual
<b>70</b>	<b>2</b>	<b>unit</b>	<b>GPS, Waterproof Hiking</b>
			<b>General</b>
			Physical Dimensions - 2.7" x 6.2" x 1.2" (6.9 x 15.7 x 3.0 cm)
			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
			<b>Maps &amp; Memory</b>
			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
			<b>Outdoor Recreation</b>
			Hunt/Fish Calendar - Yes
			Sun and Moon information - Yes
			Geocaching-Friendly - Yes
			<b>Sensors</b>
			Barometric Altimeter - Yes
			Compass - Yes
			Area Calculation - Yes
<b>71</b>	<b>10</b>	<b>pc</b>	<b>Ink cartr HP # Q6003A, magenta</b>





## ***Section VII. Technical Specifications***

# Technical Specifications

Item No.	Qty	Unit	Discription	Statement of Compliance
			<b><i>Delivery to Alang-alang Campus</i></b>	[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
<b>1</b>	<b>3</b>	<b>unit</b>	<b>Photocopier, 3 in1 ( Printer, Scanner and Copier)</b>	
			General - Fax Type: Plain paper, Printing Technology: Laser - color, Display Diagonal Size: 4.3" Display Features: Touch screen, Connection Availability: Yes, Interface: USB 2.0, Gigabit LAN, Wi-Fi(n), USB host, AirPrint Enabled: Yes, Office Machine Features, Scan to e-mail, scan to folder, scan to FTP, scan to SMB, scan to USB host.	
			Memory - Standard Memory: 512 MB, Max Supported Memory: 1.5 GB, Supported Flash Memory, SD Memory Card, SDHC Memory Card. Copying - Max Copying Speed: Up to 27 ppm (mono) / up to 27 ppm (color), Max Copying Resolution: Up to 600 x 600 dpi (mono) / up to 600 x 600 dpi (color),	
			Max Document Enlargement: 400%, Max Document Reduction: 25%, Maximum Copies: 999. Scanning - Automatic Duplexing: Yes, Optical Resolution: 600 x 600 dpi and Printing - Max Printing Resolution: Up to 9600 x 600 dpi (mono) / up to 9600 x 600 dpi (color),	
			Max Printing Speed: Up to 27 ppm (mono) / up to 27 ppm (color), Printer Drivers / Emulations: PCL 6, PCL 5c, KPDL3, PCL XL, PDF, XPS, PRESCRIBE, First Print Out Time B/W: 9.5 sec, First Print Out Time Color: 10.5 sec.	
			With warranty, Free demonstration of the unit and preferably branded.	
<b>2</b>	<b>2</b>	<b>unit</b>	<b>Stencil Digital Duplicating Machine</b>	
			(Type: Digital, desktop, printing); Process: Fully-automatic one drum stencil, (System, original sheet only).	
			Original Size: at least 275x395mm max; Print Paper size: Minimum 90x140mm, maximum 275x395mm max; Print Paper weight: at least 35.0-127.9g/m2;	
			Print Speed: at least less than 45 seconds. resolution 300x300 dpi image mode; letter mode photo mode, photo/letter mode, image: position vertical 10mm, horizontal 10mm;	
			Reproduction ratios: Pr-set reduction 71,82,87,93% Pper feed/delivery table capacity: 500 sheets (80g/m2); Power Consumption: Maximum: Master Making: Less than 175w (At 90 sheets per minute) standby: 35W.	
			With warranty, Free demonstration of the unit and preferably branded.	
<b>3</b>	<b>2</b>	<b>unit</b>	<b>Air-conditioning unit,4HP Split Type,</b>	
			3TR Floor Mounted Standing Inverter, branded, including Accessories and with free Installations (inludes at least 15 meter copper tube connections between condenser and	

			Indoor unit.)
			DIMENSION Length 41.1cm Width 59.5cm Height 188.2cm KEY FEATURES Digital LED Display Self Diagnosis Remote Holder Side Air Intake Auto Louvers Energy Saving / Save Energy (SE) Wi-fi Controlled X-Fan Function Compressor Low-Pressure Protection
			TECHNICAL SPECIFICATIONS Power Supply 1 Ph / 230 V / 60 Hz Nominal Capacity 4.0 HP / 3 TR Cooling Capacity 37,980 kJ/h
			Rated Current 17.0 A Rated Power 3,550 W EER 10.7 Kj/hr-W s
			Refrigerant (type/charge) R-410A / 2,450 g INDOOR UNIT Airflow (SH/Hi/Mi/Lo) 1,850 / 1,630 / 1,420 / 1,250 m³/hr Sound Level (SH/Hi/Mi/Lo) 52 / 50 / 48 / 45 dB(A) COPPER TUBE SIZE Low Side / High Side Ø 5/8" / Ø 3/8"
			MAXIMUM PIPE DISTANCE BETWEEN INDOOR & OUTDOOR Height / Length / Circuit Breaker 10 m / 30 m / 40 A Warranty 1-Year on Parts & Service 5 Years on Motor
<b>4</b>	<b>5</b>	<b>unit</b>	<b>Air Conditioning Unit 2.0 HP</b>
			Split type with free Installations, branded, including Accessories (includes at least 15 meter copper tube connections between condenser and Indoor unit.)
			Description : Product Overview, Silver Ion Filter - can remove dust and particles more than 90% Smart cooling - the unit will run based on the indoor ambient condition. Auto select on which mode the unit will run based on ID ambient.Easy Maintenance - electronic control box and ID fan motor and placed efficiently and easily accessible.
			Warranty, 5 years limited warranty on compressor Parts: 1 year, Labor: 1 year,
			General Specification, Nominal Size: 2.0 hp, with Remote, Timer: Yes
			Cooling Capacity: at least 6,500-19,000 Control Type: Timer, Cooling Area (sq. meters): 24 – 35 sqm,
			Noise Level (Indoor) - High: approx. 44 dB(A), Noise Level (Indoor) – Low: approx. 34 dB(A),
			Speed Cooling: Yes, Filter: HEPA Filter, Airflow Direction Control (Up & Down): Yes, Airflow Direction Control (Left & Right): No, Temperature Control: Digital, Energy Efficiency Ratio (MIN ~ MAX): 13.5 - 10.0, Mfd/ Assembled in the Philippines: No, Power Consumption:Watts: 1,750(480 - 1,900), Power Requirements:Voltage: 230, Other Features: Blue Fin protection
			<b>VSU-GOODS-24-03 (VSU Main Campus)</b>
<b>5</b>	<b>2</b>	<b>pc</b>	<b>2 BURNER GAS STOVE</b>
			■Heavy duty gas stove
			■High quality fuel-efficient burner
			■Durable metal gas ignition controls

			☑Stainless metal gasket and body
			☑Auto-ignition burner
			☑# of burners: 2
			☑Dimensions: (W x L X D ) 71 x 35.5 x 8.5cm   28 x 14 x 3.3 inches
			☑Burner diameter: 9cm   3.5 inches   Outer ring diameter: 22.5cm   8.9 inches
			☑Space in between outer rings: 20cm   7.9 inches
			☑Color: silver
			☑Warranty: 1 year
<b>6</b>	<b>1</b>	<b>unit</b>	<b>Smart TV, at least 70"</b>
			Specifications:
			Picture Engine: Crystal Processor 4K
			• Color: Dynamic Crystal Color
			• Contrast: Mega Contrast
			• Sound: Q-Symphony
			• Smart: Tap-View
			• Design: AirSlim
			Specifications Detail
			Product Type: LED
			Series: 8
			Display
			• Screen Size:at least 70"
			• Resolution: 3,840 x 2,160
			• Screen Curvature: N/A
			Video
			• Picture Engine: Crystal Processor 4K
			• PQI (Picture Quality Index): 2200
			• HDR (High Dynamic Range): HDR
			• HDR 10+: Support
			• HLG (Hybrid Log Gamma): Yes
			• Contrast: Mega Contrast
			• Viewing Angle: N/A
			• Color: Dynamic Crystal Color
			• Micro Dimming: UHD Dimming
			• Auto Depth Enhancer: N/A
			• Contrast Enhancer: Yes
			• Auto Motion Plus: Yes
			• Film Mode: Yes
			• Natural Mode Support: Yes
			Audio
			• Dolby Digital Plus: Yes
			• Dolby 5.1 Decoder: N/A
			• Object Tracking Sound: N/A
			• Q-Symphony: Q-Symphony
			• Audio Pre-selection Descriptor: N/A
			• Hole Array Speaker: N/A
			• Sound Output (RMS): 20W
			• Speaker Type: 2CH
			• Woofer: N/A
			• Multiroom LinkYes
			• Bluetooth Audio: Yes

			<i>Smart Service</i>
			• <i>SMART TV: Smart</i>
			• <i>Operating System: Tizen™</i>
			• <i>Bixby: US English, UK English, India English, Korean, French, German, Italian, Spanish, Portuguese (features vary by language)</i>
			• <i>Voice Interaction: N/A</i>
			• <i>Far-Field Voice Interaction: N/A</i>
			• <i>Alexa Built-in: N/A</i>
			• <i>Google Assistant Built-in: N/A</i>
			• <i>Works with Google Assistant: N/A</i>
			• <i>Works With Alexa: N/A</i>
			• <i>TV Plus: N/A</i>
			• <i>Web Browser: Yes</i>
			• <i>Gallery: Yes</i>
			<i>Convergence</i>
			• <i>TV to Mobile – Mirroring: N/A</i>
			• <i>Mobile to TV - Mirroring, DLNA: Yes</i>
			• <i>NFC on TV: N/A</i>
			• <i>Tap View: Yes</i>
			• <i>Digital Butler: N/A</i>
			• <i>Multi-View: N/A</i>
			• <i>Sound Wall: Yes</i>
			• <i>Remote Access: Basic</i>
			• <i>360 Video Player: N/A</i>
			• <i>360 Camera Support: N/A</i>
			• <i>Bluetooth Low Energy: Yes</i>
			• <i>WiFi Direct: Yes</i>
			• <i>TV Sound to Mobile: Yes</i>
			• <i>Sound Mirroring: Yes</i>
			<i>Differentiation</i>
			• <i>Tune Station: N/A</i>
			• <i>Auto Hotspot Connect: N/A</i>
			• <i>S-Share: N/A</i>
			• <i>Auto Data Backup: N/A</i>
			• <i>Dongle Compatibility (3G / LTE / WiFi): N/A</i>
			• <i>Analog Clean View: N/A</i>
			• <i>Triple Protection: N/A</i>
			<i>Tuner/Broadcasting</i>
			• <i>Digital Broadcasting: ISDB-T</i>
			• <i>Analog Tuner: Yes</i>
			• <i>2 Tuner: N/A</i>
			• <i>CI (Common Interface): N/A</i>
			• <i>Data Broadcasting: N/A</i>
			• <i>TV Key Support: Yes</i>
			<i>Connectivity</i>
			• <i>HDMI: 3</i>
			• <i>USB: 2</i>
			• <i>Component In (Y/Pb/Pr): N/A</i>
			• <i>Composite In (AV): 1</i>
			• <i>Ethernet (LAN): Yes</i>
			• <i>Audio Out (Mini Jack): N/A</i>
			• <i>Digital Audio Out (Optical): 1</i>

			• RF In (Terrestrial / Cable input): 1/1(Common Use for Terrestrial)/0
			• Ex-Link ( RS-232C ): N/A
			• CI Slot: N/A
			• HDMI A / Return Ch. Support: Yes
			• eARC: Yes
			• HDMI Quick Switch: Yes
			• Wireless LAN Built-in: Yes (WiFi5)
			• Bluetooth: Yes (BT5.2)
			• Anynet+ (HDMI-CEC): Yes
<b>7</b>	<b>1</b>	<b>unit</b>	<b>Bread Toaster, 4 slots</b>
			4-slice Stainless Steel Toaster
			Stainless Steel Body•Variable
			Toast Control•Defrost & Reheat Functions
			Slide-out Crumb Tray
<b>8</b>	<b>2</b>	<b>unit</b>	<b>Conference Microphone, Gooseneck</b>
			☑Acoustic Principle: Condenser Polar
			☑Pattern: Cardioid
			☑Frequency Response: 50-16000Hz
			☑Sensitivity: -35±2dB(0dB=1V/Pa @ 1KHz)
			☑Signal to Noise Ratio: 80dB
			☑Output connector: XLR Connector
			☑Power requirement: 48V Phantom Power
			☑Built-in LED indicator shows Talk/Mute
			☑Foam windscreen included
<b>9</b>	<b>1</b>	<b>unit</b>	<b>Digital Automatic Flatbed Printer; Foil printing hot stamping machine for A3 and A4</b>
			Max printing size: 25*30cm
			Max printing thickness: 3cm
			Max printing speed: 2cm - 5cm/s
			Resolution: 300dpi
			Printing method: Thermal printing
			Voltage: AC110-240V 50/60Hz
			Power: 150W
			Computer system requirement: Windows
			Software requirement: Most of softwares, Coreldraw, photoshop, adobe illustrator, office word
			Temperature requirement: 5°C to 40°C
			Printer weight: 23kg
			Printer size: 60cm*50cm*30cm
			Warranty: 1year excluded printing head unless quality problem
<b>10</b>	<b>1</b>	<b>set</b>	<b>Digital Duplicator Machine, Copy printer, 300x600 DPI printing</b>
			Master Making/Printing Methods: High-speed digital master-making/Fully automatic printing
			Scanning: 600 dpi × 600 dpi
			Printing: 300 dpi × 600 dpi, Quick Master Making mode: 300 dpi × 400 dpi
			Maximum Scanning Area: 297 mm × 432 mm
			Print Paper Weight: 46 gsm to 157 gsm
			Print Paper Size: 100 mm × 148 mm to 310 mm × 432 mm

			Maximum Printing Area: 210 mm × 357 mm
			Paper Feed Tray Stacking Capacity: 1000 sheets*2, stacking height of 110 mm or lower
			Paper Receiving Tray Stacking Capacity: 1000 sheets*2, stacking height of 110 mm or lower
			Print Speed: 5 levels: 60, 80, 100, 120 and 130 ppm
			Functions: Original Scanning mode, Scanning Level, Enlargement/Reproduction, Dot Process, 2-Up, Book, Ink Saving, Quick Master Making, ADF-Semi-Auto*3, Speed, Density, Print Position, Program A/B, Job Separation*3, Idling, Confidential, Meter Display, Count Report Output, Proof, Direct Printing, USB Flash-via-Printing, Auto Sleep Setting, Auto Power-OFF Setting, ECO mode, RISO iQuality System
			Ink Supply: Full automatic (1000 ml/cartridge)
11	1	lot	<b>Electric Floor Polisher, Vaccum Cleaner and Sound System</b>
			Item Specification
			<b>1.Wet and Dry Vacuum Cleaner - 1 unit</b>
			Item Specification
			Super Suction Power
			Wet and Dry Vacuuming
			Blower Function
			Accessory Storage
			Energy Efficient
			Vacuum Cleaner Features: Bagged, Blower, Wheels
			Warranty Type:Local Supplier Warranty
			Warranty Period:1 Year
			Actual suction power* (Air watts) 200
			Energy use (W) 1000
			Container capacity (l) 17
			Container material Stainless steel
			Power cable (m) 4
			Standard accessory ID (mm) 35
			Supply voltage (V/Hz) 220 - 240 / 50 - 60
			Weight without accessories (kg) 5,8
			Weight incl. packaging (kg) 8,2
			Dimensions (L x W x H) (mm) 388 x 340 x 525
			1xSuction hose, 2 m, 35 mm; 2x Suction tubes, 0.5 m, 35 mm; 1x Wet and dry floor nozzle, Clips; 1x Cartridge filter, Standard; 1x Crevice nozzle; 1x Paper filter bag
			<b>2. Electric Floor Polisher- 1 unit</b>
			Item Specification:
			>Speed Switch-Speed Selection low (175 RPM) and High (320 RPM)
			>Handle Tube-All Chrome 1-1/2 inch
			>Power Cord- 50ft. UL Listed 14/3 STW-A. Comes with cord strain relief
			>Transport Wheels- 5 inch non-marking self lubricated wheels
			>All Metal Housing-provides long lasting durability
			<b>3. Sound System- 1 unit</b>
			Item Specification



			Specs
			Type:Portable PA System
			Speaker Drivers:1 x 8" woofer, 1.35" compression driver
			Number of Mixer Channels:6
			Number of Mic Preamps:2
			EQ:Treble, Bass, 5-band Graphic
			Inputs:2 x XLR (mic), 2 x 1/4" (line), 6 x 1/4" (3 x stereo pair), 2 x stereo RCA, 1 x 1/8" (aux in)
			Outputs:2 x 1/4" (speaker out)
			USB:1 x Type A (ULM wireless ready)
			Bluetooth:Yes
			Total Power:500W
			Frequency Response:50Hz-22kHz
			Microphone:1 x Behringer XM1800S
			Power Source:Standard IEC AC cable
			Height:25.9"
			Width:13.9"
			Depth:34.8"
			Weight:44.7 lbs.
<b>12</b>	<b>1</b>	<b>unit</b>	<b>Exhaust Fan</b>
			☐Exhaust Fan 12 inch
			☐power input: 50w
			☐12 inch plastic blade
			☐wall-mounted
			☐reversible motor for desired air flow (Exhaust/Blower)
			☐with pull cord switch
			☐detachable plastic panel & front grill
			☐metal shutters
			☐Air volume: 28.47/ 19.10 CMM
			☐Unit dimension: 39cm x 17cmx39cm
			☐Mounting Dimension: 35cm x 35cm
<b>13</b>	<b>1</b>	<b>unit</b>	<b>Heavy Duty Combo Binding Machine</b>
			☐Maximum Punching Sheets: 25
			☐Max Size: LS, F4, A4, Extra Long
			☐Selectable Punching Pins: 24 slots
			☐Net Weight: 12.5kgs
<b>14</b>	<b>1</b>	<b>unit</b>	<b>Hot &amp; Cold water dispenser</b>
			☐Bottom load water dispenser
			☐3 Faucets: Hot, Cold and Normal water function
			☐3-Push Button dispensing control
			☐Anti-scald safety lock switch
			☐Child Lock Safety feature on Hot Water Faucet
			☐Floater indicator to avoid water overflow
			☐Capacity: Hot - 1.2 Liters, Cold - 3.5 liters, Power Rating: Hot - 420 watts, Cold - 100 watts, R134a
<b>15</b>	<b>4</b>	<b>unit</b>	<b>Laminator Machine, A3</b>
			☐Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection
<b>16</b>	<b>1</b>	<b>unit</b>	<b>Megaphone</b>

			<ul style="list-style-type: none"> <li>☑Bullhorn</li> <li>☑1000 yard range</li> <li>☑For indoor and outdoor use</li> <li>☑Built-in siren</li> <li>☑40 W amplifier</li> <li>☑Built-in mic</li> <li>☑10 seconds recording function</li> </ul>
17	3	unit	<b>Paper shredder machine, heavy duty</b>
			<ul style="list-style-type: none"> <li>☑Shred Type: Cross Cut</li> <li>☑Maximum Sheet capacity(70gsm) : 10 Sheets</li> <li>☑Waste Container capacity: 21 Liters</li> <li>☑Power Source: 220 - 240 VAC</li> </ul>
18	4	unit	<b>Portable Trolley 15" Speaker with wireless microphone</b>
			<ul style="list-style-type: none"> <li>☑15" 2 Way 480 Watts Powered Portable Sound System</li> <li>☑Plastic Cabinet</li> <li>☑AC220V or DC12V (With built-in Rechargeable Batteries)</li> <li>☑With 2 Wireless Microphone</li> <li>☑With 2 Mic Input (1 XLR, 1 PL55)</li> <li>☑With FM Radio, Bluetooth, Guitar Input (Shared with Mic 2 input), USB &amp; SD Port</li> <li>☑With 5 Band Equalizer and LCD Display</li> <li>☑With Aux / Line In and Line Out</li> <li>☑With Remote Control, Handle and Wheel</li> </ul>
19	4	unit	<b>Sliding Paper Cutter</b>
			Working Area: A3 and A4
			Cutting Capacity: 16 sheets
			Packing Weight: 5 kg
			Material: Metal
			Available Size: A3 and A4
			Packing Measurement: 56x34x11 cm
			Other Specifications: Heavy duty for Vinyl, Cardboard Paper
20	2	piece	<b>Smart TV at least 70 inches</b>
			with wall bracket;
			Resolution: 4K Ultra HD
			Screen Size: at least 70"
			Connectivity: 3x HDMI 2.1
			2X USB
			WIFI
			BLUETOOTH
			HDMI Ports: 3x HDMI 2.1
			Voltage: AC100-240V - 59/69Hz
21	1	Lot	<b>Sound System, Speaker, 3 units</b>
			All-in-one PA system with 10-channel powered mixer and full-range speakers
			Bluetooth audio streaming
			Sub output with automatic high-pass filter for powered

			subwoofer use
			with 2 microphone
<b>22</b>	<b>1</b>	<b>pc</b>	<b>Speaker, for PC, 2.1 (Speaker with Subwoofer)</b>
			☐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
<b>23</b>	<b>2</b>	<b>unit</b>	<b>Surge suppressor 6 outlets</b>
			☐Maximum capacity: 2500W
			☐Voltage Surge Protector (protects appliances from voltage spikes)
			☐6 Neon Switch
			☐1 Circuit Breaker (protects appliance from overload or short circuit)
			☐3 Two-Prong Outlets
			☐3 Three-Prong Outlets w/ Grounding
			☐90 degree outlet orientation
			☐With line/noise filter
			☐Royal Cord #16/3 (5.00 meters)
			☐Metal casing
<b>24</b>	<b>1</b>	<b>unit</b>	<b>Television, UHD, Smart TV</b>
			Display Size: 50"
			Ports Input: OTHERS, HDMI, USB, Component in (Y/PB/Pr), RF in (Terrestrial/Cable Input), Digital Audio Out (Optical), Audio Out (Mini Jack), Ethernet (LAN), Composite in (AV)
			TV Features: Netflix, HDR, Cinema 3D ,Wireless Connectivity, Web Browser, Mobile Screen Mirroring, Youtube, DTS Audio, Bluetooth Connectivity
			TV Resolution: 4K UHD
			Smart TV OS: Android OS
<b>25</b>	<b>1</b>	<b>unit</b>	<b>Water Dispenser (top loading), with fridge</b>
			Fridge cabinet to cool additional drinks.
			Three water spouts: hot, room temperature, cold.
			LED indicators add to ease of use.
			Durable/ good quality
			Size & Capacity
			Gross weight (Kg): 17
			Net weight (Kg): 15.46
			Fridge cabinet capacity (L):19
			Type & Setup
			Type: Top load water dispensers
			Control type: Manual
			Product installation: Freestanding
			Product dimensions
			Depth: 372 mm
			Height: 1003 mm
			Width: 318 mm

			Depth packed: 386 mm
			Height packed: 1050 mm
			Width packed: 358 mm
			Power Supply
			Voltage (V): 220-240
			Total wattage (W): 520
<b>26</b>	<b>1</b>	<b>set</b>	<b>Wireless Dual Handheld Microphone</b>
			Receiver
			Power Consumption: 12w (Max)
			Receiver Sensitivity: -95dbm
			Mixing Output Socket: ø6.3mm Socket
			Balanced Output Socket: XLR Socket
			Transmitter
			Carrier Frequency: Depends on regional frequency band
			Transmit Power: 10dBm (±2dBm)
			Microphone Capsule: Dynamic
			Polar Pattern: Super Cardioid
			Impedance: 600
			Frequency Response: 80~12000Hz
			Current Consumption: 120mA
			Battery: Size AA x 2pcs
			Operation Range: 90 meters (in open area)
			Battery Life: Approximately 12 hours (uses alkaline batteries)
			Each microphone has 100 selectable channels and independent volume controls.
			This UHF system features 6-axis gyroscope to automatically enter mute mode when idling for 5~10 seconds.
<b>27</b>	<b>2</b>	<b>unit</b>	<b>Water Dispenser, Cabinet type</b>
			☑Floor standing
			☑Hot and cold function
			☑plastic body,high efficiency compressor
			☑thermally protected
<b>28</b>	<b>1</b>	<b>pc</b>	<b>Speaker, for PC, 2.1 (Speaker with Subwoofer)</b>
			☑Power Output : rms 4.5w×2 sw: 12w
			☑Signal to noise ratio : 80dba
			☑Frequency Response : 80hz~20khz (±6db)
			☑R/L: 300±50mv sw: 100 ± 20mv
			☑Aux/USB/SD card
			☑Bass driver :4 inch
			☑Treble driver :2 3/4 inch
			<b>VSU-GOODS-24-04 (VSU Main Campus)</b>
<b>29</b>	<b>20</b>	<b>pc</b>	<b>3M RJ-45 Volition U.S. Faceplate face plate panel double port 2-Port IO Information Outlet plate</b>
			☑Original 3M
			☑IO Information Outlet plate
			☑Ensure easy fitting and smart presentation of the RJ45 jacks
			☑The Keystone mounting feature of the Jack may allow you to use other Keystone boxes or faceplates.

			<ul style="list-style-type: none"> <li>☑High performance</li> </ul>
			<ul style="list-style-type: none"> <li>☑Brand new</li> </ul>
			<ul style="list-style-type: none"> <li>☑comes with 2 pcs screws</li> </ul>
			<ul style="list-style-type: none"> <li>☑Existing fleet of VSU Faceplate and should be compatible with existing keystone</li> </ul>
<b>30</b>	<b>38</b>	<b>pc</b>	<b>3M Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount</b>
			<ul style="list-style-type: none"> <li>☑Original 3M</li> </ul>
			<ul style="list-style-type: none"> <li>☑IO Information Outlet</li> </ul>
			<ul style="list-style-type: none"> <li>☑Tool-less jack •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Re-usable •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Shallow Depth, Cable Entry from top or bottom •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Keystone Mounting •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Accepts both solid conductors from AWG 26 to 22 and stranded conductors •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Integral shutter Benefits •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Easy and quick to install •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Fast reliable connection in record time: 8 copper conductor wired in a single connection •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Quality of connection by design: not dependant on tool condition or operator skills</li> </ul>
			<ul style="list-style-type: none"> <li>☑Consistent results •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Easier cable management •</li> </ul>
			<ul style="list-style-type: none"> <li>☑No need to use a new jack if a wiring mistake is made •</li> </ul>
			<ul style="list-style-type: none"> <li>☑More space and flexibility to ensure the cable minimum bend radius is never compromised •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Increased dust protection, especially during installation • No additional shuttering required on faceplates •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Higher port density •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Allows direct mounting into floor boxes •</li> </ul>
			<ul style="list-style-type: none"> <li>☑An integral shutter protects the jack in the patch panel •</li> </ul>
			<ul style="list-style-type: none"> <li>☑Should be compatible with the existing fleet of VSU faceplates</li> </ul>
<b>31</b>	<b>1</b>	<b>pc</b>	<b>Battery Charger for 9 Volts Battery</b>
			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
<b>32</b>	<b>1</b>	<b>pc</b>	<b>Canon Cartridge 054 Toner - Black</b>
			For Canon Generic UFR II Printer Model: LBP621C
			Color: Black
<b>33</b>	<b>4</b>	<b>pc</b>	<b>Computer Keyboard USB</b>

			<ul style="list-style-type: none"> <li>☑Standard Keyboard with 104 Keys</li> <li>☑USB Connection</li> <li>☑Low Profile Key Caps</li> <li>☑Minimum Key Noise</li> <li>☑Laser Printing for Key Layout</li> <li>☑Spill Resistant Design</li> </ul>
<b>34</b>	<b>1</b>	<b>pc</b>	<b>Computer Monitor 21.5", VA</b>
			Size: 21.5"
			Panel Type: VA
			Resolution: 1920x1080 (FHD)
			Refresh Rate: 75Hz
			Response Time: 5MS
			Interface: VGA, HDMI
			With a slim and 3-sided frameless design
			Flicker Free and Low Blue Mode eye protection tech.
			VESA mount compatibility
<b>35</b>	<b>4</b>	<b>unit</b>	<b>DDR3 4GB SO - DIMM 2666 Mhz</b>
<b>36</b>	<b>1</b>	<b>unit</b>	<b>Desktop Computer, All-in-one (AIO), Pentium Silver, 4GB RAM</b>
			Intel Pentium Silver J5040 2.0GHz up to 3.20GHz Processor or higher
			4GB DDR4 Memory or higher
			1TB 2.5" SATA HDD or higher
			21.5" FHD 1920x1080 IPS Display (non-touch) or higher
			Intel Graphics
			802.11AC WiFi + BT   720P HD Camera
			HDMI out 1.4 Port
			Windows 10
<b>37</b>	<b>2</b>	<b>pc</b>	<b>DS3231 RTC High Precision Real-Time Clock Module</b>
<b>38</b>	<b>1</b>	<b>unit</b>	<b>DSLR Camera</b>
			24.5MP FX-Format BSI CMOS Sensor and EXPEED 6 Processor
			51-Point Multi-CAM 3500 II AF Sensor
			UHD 4K Video Recording
			273-Point Hybrid AF System
			Body Design
<b>39</b>	<b>1</b>	<b>unit</b>	<b>DSLR Camera with lens and accessories</b>
			20.2MP APS-C 'Dual Pixel CMOS AF' sensor
			DIGIC 5+ image processor
			ISO 100-12800 standard, 25600 expanded
			7fps continuous shooting, burst depth 65 JPEG / 16 Raw
			'Silent' shutter mode
			1080p30 video recording, stereo sound via external mic
			19-point AF system, all points cross-type, sensitive to -0.5 EV
			63-zone iFCL metering system
			98% viewfinder coverage, 0.95x magnification, switchable gridlines and electronic level display

			Fully-articulated touchscreen, 1040k dot 3" ClearView II LCD, 3:2 aspect ratio
			Single SD/SDHC/SDXC card slot
			Built-in Wi-Fi
			Single-axis electronic level
			Built-in flash works as off-camera remote flash controller
			AF microadjustment (can be set individually for up to 40 lenses, remembered by lens serial number)
			In-camera High Dynamic Range and Multiple Exposure modes (JPEG-only)
			'Creative Filter' image processing styles, previewed in live view
<b>40</b>	<b>10</b>	<b>unit</b>	<b>External Hard Drive, 1 TB</b>
			Capacity: 1TB
			Connection interface: USB 2.0/3.0
			Storage Media: 2.5" SATA HDD
			Op. Voltage: USB DC 5V
			Size :129.5mm x 82.4mm x 20.4mm
			Weight: 216g
<b>41</b>	<b>4</b>	<b>pcs</b>	<b>Hard Disk ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5</b>
			ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5
<b>42</b>	<b>1</b>	<b>pc</b>	<b>Headset (Wired), Generic Over the Ear with mic</b>
			☑Line is equipped with a rotary volume controller, one key Mic mute,
			☑Frequency Range:20-20K(Hz)
			☑Sensitivity:-52(dB)
			☑Impedance:32(Ohm)
			☑Speaker Diameter:40(mm)
			☑Distortion Rate:0.8%
			☑Plug Diameter:3.5mm
<b>43</b>	<b>4</b>	<b>set</b>	<b>Headset, Over Ear, wired</b>
			☑Wearing Type: Over-ear
			☑Microphone: Yes
			☑Volume Control: Yes
			☑One Key Mute Button: Yes
			☑Microphone: Omnidirectional
			☑Plug Type: 3.5mm
			☑Speaker Diameter: 50mm
			☑Receive Sensitivity: 101dB
			☑Impedance: 32Ω
			☑Frequency Response: 20-20kHz
<b>44</b>	<b>2</b>	<b>set</b>	<b>Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R, T05A1 T05A2 T05A3 T05A4, Printer Ink Bag</b>
			Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R
			T05A1 (BLACK)
			T05A2 (CYAN)
			T05A3 (MAGENTA)

			T05A4 (YELLOW)
45	6	pcs	Ink Cartridge, HP704, black
46	6	pcs	Ink Cartridge, HP704, tri color
47	5	tube	Ink, EPSON T9481 XL for WF-C878R Printer, Black
48	5	tube	Ink, EPSON T9481 XL for WF-C878R Printer, Cyan
49	5	tube	Ink, EPSON T9481 XL for WF-C878R Printer, Magenta
50	5	tube	Ink. EPSON T9481 XL for WF-C878R Printer, Yellow
51	3	pc	Laptop Stand Lifting Riser Holder Aluminum Height/Angle
52	5	unit	LCD Projector (XGA), 3LCD Technology
			☐Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology
			☐White Light Output (Normal/Eco):3,600 lm
			☐Colour Light Output:3,600 lm
			☐Resolution XGA, at least 1024 x 768,
			☐Analog Input:D-Sub 15pin: 1
			☐Digital Input:HDMI: 1
			☐LCD:Native Resolution: XGA (1024 x 768)
			☐Size: 0.55" (C2fine)
			☐Lightsource:Type: 210W UHE
			☐Life (Normal / Eco): 6,000 / 12,000 hours
			☐Aspect Ratio:4:3
			☐USB Interface:USB Type B: 1 (For Firmware Update, Copy OSD Settings)
			☐Analog Input:D-Sub 15pin: 1
			☐Digital Input:HDMI: 1
53	1	unit	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
54	1	unit	LED Voltage Tester
			LED Voltage Tester
			600V AC/DC, Continuity Check, Battery Powered
			CAT III 100V, CAT IV 600



55	2	unit	<b>Mirrorless Camera, 24MP APS-C</b>
			☑24.1MP APS-C CMOS Sensor
			☑Digital Imaging Integrated Circuit (DIGIC) 8 Image Processor
			☑UHD 4K and HD 720p120 Video Recording
			☑Dual Pixel CMOS AF with Eye Detect AF
			☑2.36m-Dot OLED Electronic Viewfinder
			☑3.0" 1.04m-Dot Vari-Angle Touchscreen
			☑Wi-Fi and Bluetooth; Webcam Capability
			☑Extended ISO 51200, 10 fps Shooting
			☑Combination 5-Axis Image Stabilization
			☑Includes EF-M 15-45mm f/3.5-6.3 IS STM Lens
56	3	unit	<b>Printer, Wi-Fi Duplex All-in-One Ink</b>
			Printer Type:Print, Scan, Copy
			Print Method:On-demand inkjet (piezoelectric)
			Printer Language:ESC/P-R, ESC/P Raster
			Nozzle Configuration:180 x 1 nozzles Black, 59 x 1 nozzles per Colour (Cyan, Magenta, Yellow)
			Maximum Resolution:5760 x 1440 dpi
			Automatic 2-sided Printing:Yes (Up to A4)
			Scanner Type:Flatbed colour image scanner
			Sensor Type:CIS
			Optical Resolution:1200 x 2400 dpi
			USB:USB 2.0
			Network:Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
			Network Protocol:TCP/IPv4, TCP/IPv6
			LCD Screen:1.44" Colour LCD Screen
57	2	unit	<b>Rechargeable Wireless Keyboard and Mouse Set</b>
			☑Rechargeable Office Wireless Keyboard and Mouse Set
			☑Size: 284*121*16.mm
			☑Weight: 280g
			☑Connection method: USB receiver/Bluetooth
58	2	btl	<b>Toner MP 2014H NRG Brand</b>
			MP2014H Series/MP2700/MP2701;
59	3	pc	<b>Universal HDMI to VGA Adapter Cable, at least 1.8 meters</b>
60	2	unit	<b>UPS</b>
			☑Output Power Capacity: 550 Watts/1100 VA
			☑Max Configurable Power: 550 Watts/1100 VA 2 years' warranty
			☑Nominal Output Voltage: 230V
			☑Output Connections:(2) IEC 320 C13 (Battery Backup) (4) Universal Receptacle (Battery Backup)
			☑Nominal Input Voltage: 230V
			☑At most 4 hours charging time
61	2	unit	<b>VOIP Phone</b>
			☑1-Line PoE+ SIP VOIP Phone SPA MAC address (IEEE

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

			<ul style="list-style-type: none"> <li>■ <i>Third-party call control (RFC 3725)</i></li> <li>■ <i>Should be compatible with existing fleet of VSU IP Phones</i></li> </ul>
<b>62</b>	<b>2</b>	<b>unit</b>	<b>VoIP, Telephone</b>
			<i>Display: White backlit, greyscale, 3.5-inch (396x162 pixels) display</i>
			<i>Call Appearance: 16 voice lines</i>
			<i>Fixed Feature Buttons: Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute</i>
			<i>Navigation Keys: Two-way navigation and select keys</i>
			<i>Programmable Line/Feature Keys: 16 programmable keys that support either lines (such as directory numbers), or call features (such as speed dialing).</i>
			<i>Programmable Softkeys: 4 buttons</i>
			<i>Button Module Expansion: No</i>
			<i>Speakerphone: Includes high-quality, 2-way speakerphone</i>
			<i>Audio: Wideband audio enhances clarity with the handset, speaker, or headset</i>
			<i>Codecs: G.711 (A-law and m-law), G.722.2, G.722, G.729ab, ILBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)</i>
			<i>Wall-Mountable Kit</i>
			<i>Ethernet Connectivity: Dual Ethernet (10/100) line interface (PC Pass Through &amp; Network Connection)</i>
			<i>Headset Port: Includes RJ9 headset port with EHS support</i>
			<i>Message Waiting Indicator: Yes</i>
			<i>Network Security: Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography</i>
			<b>POWER REQUIREMENTS</b>
			<i>Supports 802.3af Power-over-ethernet (PoE)</i>
			<i>MUST have with Multiplatform Phone Firmware</i>
			<i>Compatible with existing VSU fleet</i>
<b>63</b>	<b>3</b>	<b>unit</b>	<b>Wifi Access Point (Existing fleet of VSU Access Points)</b>
			<i>UAP-nanoHD</i>
			<i>Dimensions: 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29")</i>
			<i>Weight: 300 g (10.6 oz)</i>
			<i>With Mounting Kits: 315 g (11.1 oz)</i>
			<i>Networking Interface: (1) 10/100/1000 Ethernet Port</i>
			<i>Buttons: Reset</i>
			<i>Power Method: 802.3af PoE</i>
			<i>Power Supply: UniFi Switch (PoE)</i>
			<i>Power Save: Supported</i>

			<i>Beamforming: Supported</i>
			<i>Maximum Power Consumption: 10.5W</i>
			<i>Supported Voltage Range: 44 to 57VDC</i>
			<i>TX Power</i>
			<i>2.4 GHz: 23 dBm</i>
			<i>5 GHz: 26 dBm</i>
			<i>MIMO</i>
			<i>2.4 GHz: 2x2</i>
			<i>5 GHz: 4x4</i>
			<i>Radio Rates</i>
			<i>2.4 GHz: 300 Mbps</i>
			<i>5 GHz: 1733 Mbps</i>
			<i>Antennas</i>
			<i>2.4 GHz: (2) Single-Port, Single-Polarity Antennas, 2.8 dBi each</i>
			<i>5 GHz: (2) Single-Port, Dual-Polarity Antennas, 3 dBi ea</i>
			<i>Wi-Fi Standards: 802.11 a/b/g/n/r/k/v/ac/ac-wave2</i>
			<i>Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF</i>
			<i>BSSID: 8 per Radio</i>
			<i>Mounting: Wall/Ceiling (Kits Included)</i>
			<i>Operating Temperature: -10 to 70 C (14 to 158 F)</i>
			<i>Operating Humidity: 5 to 95% Noncondensing</i>
			<i>Certifications: CE, FCC, IC</i>
			<i>Advanced Traffic Management</i>
			<i>VLAN: 802.1Q</i>
			<i>Advanced QoS: Per-User Rate Limiting</i>
			<i>Guest Traffic Isolation: Supported</i>
			<i>WMM: Voice, Video, Best Effort, and Background</i>
			<i>Concurrent Clients: 200+</i>
			<i>Supported Data Rates (Mbps)</i>
			<i>Standard Data Rates</i>
			<i>802.11a 6,9,12,18,24,36,48,54 Mbps</i>
			<i>802.11n 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT 20/40)</i>
			<i>802.11ac 6.5 Mbps to 1.7 Gbps (MCS0-MCS9 NSS1/2/3/4, VHT 20/40/80)</i>
			<i>58 Mbps to 1.7 Gbps (MCS0-MCS9 NSS1/2, VHT 160)</i>
			<i>802.11b 1, 2, 5.5, 11 Mbps</i>
			<i>802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps</i>
<b>64</b>	<b>2</b>	<b>unit</b>	<b>Drone (Professional Quadcopter With 5.5" Screen)</b>
			<i>Ready To Fly.</i>
			<i>Obstacle sensing: 5-way.</i>
			<i>Obstacle avoidance: 4-way.</i>
			<i>Redundant sensors: obstacle avoidance, dual compasses, dual IMUs.</i>
			<i>Range: 4.3 miles.</i>
			<i>Maximum flight time: 30 minutes.</i>
			<i>Top speed: 45 mph.</i>
			<i>Big 1-inch sensor.</i>
			<i>5.5-inch video monitor for controller.</i>
			<i>4K video @ 60fps.</i>

			20MP stills, up to 14fps bursts.
			Mechanical shutter that eliminates rolling distortion.
			Wireless compatibility
			Active-Track for locking onto and tracking subjects.
<b>65</b>	<b>1</b>	<b>unit</b>	<b>Thermal Receipt Printer</b>
			Receipt Ticket Thermal Printer
<b>66</b>	<b>3</b>	<b>pc</b>	<b>Window speaker intercom system</b>
			☐Dual-way anti-interference intercommunication
			☐Connection cable length: at least 8m / 26.25ft
			☐Working voltage: DC12V / 500mA
			☐Adapter: AC 110/220V 50/60Hz
			☐Main sound (sub sound): 3W+3W
			☐Microphone sensitivity: -48db 20Hz-16KHz
			☐Material: aluminum alloy shell
<b>67</b>	<b>2</b>	<b>unit</b>	<b>UPS Battery Backup, 1500VA</b>
			☐ Capacity: at least 1500VA/900w
			Output voltage: 220
			Output frequency: 57-63 Hz for 60 Hz (or 50/60 Hz ± 3 Hz Sync to mains)
			Input: 200 – 240 V, 50/60 HZ, 16.0 A maximum
			Input frequency: 50/60 Hz +/- 3 Hz Auto-sensing
			☐6 battery backup sockets
			☐USB, coax, phone/network, and serial ports
			☐ with Automatic Voltage Regulation (AVR)
			☐LCD screen
			☐at most 4 hours charging time
<b>68</b>	<b>2</b>	<b>unit</b>	<b>Monitor, 27" IPS, 4K (3840 x 2160)</b>
			☐Size (Inch): 27 Inch
			☐Resolution: 3840 x 2160
			☐Panel Type: IPS
			☐Aspect Ratio: 16:9
			☐Pixel Pitch: 0.1554 x 0.1554 mm
			☐Brightness (Typ.): 300 cd/m <sup>2</sup>
			☐Color Gamut (Typ.): sRGB 98% (CIE1931).
			☐Color Depth (Number of Colors): 1.07B
			☐Contrast Ratio (Min.): 700:1
			☐Contrast Ratio (Typ.): 1000:1
			☐Response Time 5ms (GtG at Faster)
			☐Viewing Angle (CR≥10) 178°(R/L), 178°(U/D)
			☐Surface Treatment Anti-Glare
<b>69</b>	<b>2</b>	<b>unit</b>	<b>SDS: 8417M Micro Cut Paper Shredder</b>
			Paper Shredder
			Features:
			- Sheets / Pass: 17 Pages
			- Cut Type: Micro-Cut
			- Cut Size: 2mmx10mm
			- Security: High Security Level Din-P-5
			- Users: 5+
			- Bin Size: 26L
			- Safety: Safe touch function - stops shredder immediately

			when hand is detected too close to the paper opening
			- Shreds: Paper, staples, paper clips, CDs, credit cards
			- Warranty: 1 Year
			- LCD display, retractable cover guard, easy carry handles, bin level indicator, easy roll wheels
			What's in the box
			1 x Shredder
			1 x Manual
<b>70</b>	<b>2</b>	<b>unit</b>	<b>GPS, Waterproof Hiking</b>
			<b>General</b>
			Physical Dimensions - 2.7" x 6.2" x 1.2" (6.9 x 15.7 x 3.0 cm)
			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
			<b>Maps &amp; Memory</b>
			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
			<b>Outdoor Recreation</b>
			Hunt/Fish Calendar - Yes
			Sun and Moon information - Yes
			Geocaching-Friendly - Yes
			<b>Sensors</b>
			Barometric Altimeter - Yes
			Compass - Yes
			Area Calculation - Yes
<b>71</b>	<b>10</b>	<b>pc</b>	<b>Ink cartr HP # Q6003A, magenta</b>



***Section VIII. Checklist of Technical and  
Financial Documents***



# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class "A" Documents*

#### Legal Documents

1. Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);

#### Technical Documents

2. 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**

3. 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 Nine Hundred Thousand Pesos (PhP 1,900,000.00)*;

**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 Nine Hundred Thousand Pesos (PhP 1,900,000.00)* and the largest of these similar contracts must be equivalent to at least half of the said aggregate amount or *at least Nine Hundred Fifty Thousand Pesos (PhP 950,000)*; **and**

4. 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**

5. Conformity with the Technical Specifications; **and**  
 6. Schedule of Requirements/production and delivery schedule; **and**  
 7. Manpower requirements; **and**  
 8. After-sales service/parts; **and**

9. 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

10. 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**

11. The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) – at least equal to ABC (**PhP 3,800,000.00**);

**or**

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation (at least 10% of ABC or **PhP 380,000.00**).

**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:

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

3. Create two (2) folders that are password-protected. The first folder should contain all requirements under Technical Component checklist as presented under Section VIII. The second folder should contain all requirements under Financial Component checklist.
4. Compress the two (2) folders and name as follows: a) first folder: **Technical Documents**, b) second folder: **Financial Documents**.
5. Email the 2 compressed folders to Mr. Leopoldo Escala at [leopoldo.escala@vsu.edu.ph](mailto:leopoldo.escala@vsu.edu.ph) before the deadline (December 20, 2023; 8:30 AM)



**VISAYAS**  
STATE UNIVERSITY

