Bidding No.: VSU-GOODS-24-11
Bidding Title: Supply and Delivery of Office and IT Equipment and Supplies VSU Main and Alang-Alang Campuses
Location of the Project: VSU Main, Visca, Baybay City Leyte

VISAYAS STATE UNIVERSITY

B I D   B U L L E T I N 0 1

Date: 12 December 2023

Project Title: *Supply and Delivery of Office and IT Equipment and Supplies VSU Main and Alang-Alang Campuses (VSU-GOODS-24-11)*

Location: VSU Main, Visca, Baybay City, Leyte

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

I. LIST OF REQUIREMENTS

(1st Envelope) TECHNICAL COMPONENT ENVELOPE	
Legal Documents	
1	PhilGEPS Certificate of Registration (Platinum)
Technical Documents	
2	Statement of All On-Going Government & Private Contracts
3	Statement of Bidder's Single Largest Completed Contract (at least 25% of the ABC or Php **1,900,000.00**)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 1,900,000.00 and the largest of which should be at least PhP **950,000.00**.
4	Bid Security
5	Technical Specifications
6	SCHEDULE of Requirements/Production and delivery schedule
7	Manpower Requirements
8	After Sales service/parts from acceptance of delivered goods (at least 1 year for equipment),
9	Original Duly Signed Omnibus Sworn Statement
Financial Documents	
10	The Supplier's Audited Financial Statements
11	Net Financial Contracting Capacity (at least Php **3,800,000.00**)
	Or
	Committed Line of Credit (at least Php **380,000.00**)
(2nd Envelope) FINANCIAL COMPONENT ENVELOPE	
12	Original of duly signed and accomplished Financial Bid Form
13	Original of duly signed and accomplished Price Schedule(s)

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Please take note:

1. In the **Technical Specifications**, bidders must state either "Comply" or "Not Comply" **against each of the individual parameters of the specifications** per item stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in the **Bidders Bid** and cross-referenced to that evidence. Evidence shall be in the form of **manufacturer's un-amended sales literature (Data Sheets), unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data, and Brand and Model** as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause 3.1(a)(ii) and/or **GCC** Clause 2.1 (a)(ii).

2. Bidders are advised to use the latest GPPB forms for the following documents:
    a) Omnibus Sworn Statement
    b) Performance Securing Declaration (if applicable)
    c) Price Schedule for Goods Offered
    d) Bid Form
    e) Bid Securing Declaration

These forms can be accessed from the GPPB website: https://www.gppb.gov.ph/downloadables.php. Documents that are not in its updated/latest format shall be a ground for disqualification of the bidder.

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

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

Document	Filename (in PDF form)
1. PhilGEPS Certificate of Registration (Platinum)	PhilGEPS
2. 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/ 8. Production and delivery schedule	Schedule of Requirements
9. Manpower Requirements	Manpower Requirements
10. After Sales service/parts	After Sales
11. Omnibus Sworn Statement	Omnibus Sworn Statement
12. Audited Financial Statements	Audited Financial Statements
13. Net Financial Contracting Capacity	NFCC
14. Committed Line of Credit	CLC
15. Bid Form	Bid Form
16. Price Schedule	Price Schedule

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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 S. Escala Jr at leopoldo.escala *@vsu.edu.ph* on or before the deadline.

III. Changes in the Bidding Documents

Original	
Section I. Invitation to Bid	*(Amendment)*
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.	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, The amount of applicable fee will depend on the total ABC quoted as shown below. <table><tr><td>Total ABC Quoted</td><td>Applicable Fee</td></tr><tr><td>500,000.00 and below</td><td>500.00</td></tr><tr><td>Above 500,000.00 up to 1,000,000.00</td><td>1,000.00</td></tr><tr><td>Above 1,000,000.00</td><td>5,000.00</td></tr></table> The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means: The Bidders may deposit the payment for the bidding documents to the Visayas State University Landbank Account with the following details: Account Name: Visayas State University Fund 164 Account Number: 3572-1000-13 Then send the deposit slip to leopoldo.escala *@vsu.edu.ph*

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Section II. Instructions to Bidders	(Additional Instructions)
15. Sealing and Marking of Bids	Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.
	For filing purposes, the bidders are urged to use **Orange** envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.

IV. Revised List of Goods and Technical Specifications

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

Item No.	Description	Unit	Qty	ABC/Unit (Pesos)	Total ABC (Pesos)
	Delivery to VSU-Alang-alang Campus, Alangalang, Leyte				
1	**Photocopier, 3 in1 (Printer, Scanner and Copier)**	units	3	63,000.00	189,000.00
	General - Fax Type: Plain paper, Printing Technology: Laser - color, Display Diagonal Size: at least 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 600 x 600 dpi (mono) / up to 600 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.				
2	**Stencil Digital Duplicating Machine**	unit	2	135,000.00	270,000.00
	(Type: Digital, desktop, printing); Process: Fully-automatic one drum stencil, (System, original sheet only).				
	Original Size: at least 275x395mm max; Print Paper size:				

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	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: Pre-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.					
3	**Air-conditioning unit, 4HP Split Type**	unit	2	120,500.00	241,000.00
	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-delete 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 at least 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					
4	**Air Conditioning Unit 2.0 HP**	unit	5	60,000.00	300,000.00
	Split type with free Installations, branded, including Accessories (includes at least 15 meter copper tube connections between condenser and Indoor unit.)					
	Description: Product Overview,-delete with Silver Ion Filter, - can remove dust and particles more than 90%-delete Smart cooling, Auto select mode, 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. - delete					
	Warranty: 5 years limited warranty on compressor; Parts: 1 year; Labor: 1 year,					
	General Specification, Nominal Size: 2.0 hp, with Remote and Timer: Yes-delete					
	Cooling Capacity: at least-delete 6,500-19,000 kJ/h Control Type: Timer, Cooling Area (sq. meters): 24 – 35 sqm, -delete					

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	Noise Level (Indoor) - High: approx. 44 dB(A), Noise Level (Indoor) – Low: approx. 34 dB(A),				
	With Speed Cooling,: Yes, Filter: HEPA Filter,-delete Airflow Direction Control (Up & Down): Yes, Airflow Direction Control (Left & Right): No,-delete Temperature Control: Digital, Energy Efficiency Ratio (MIN ~ MAX): 13.5 - 10.0, Mfd/ Assembled in the Philippines: No,-delete Power Consumption: 1,750 (-delete 480 - 1,900 Watts)-delete, Power Requirements: Voltage:-delete 230V, Other Features: Blue Fin protection				
	Delivery to VSU Main Campus, Visca, Baybay City, Leyte				
5	**2 BURNER GAS STOVE**	pcs	2	2,000.00	4,000.00
	◙*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: must fit an area of at least (W x L) 71 x 35.5 cm or 28 x 14 inches*				
	◙*Burner diameter: 9 cm or 3.5 inches with Outer ring diameter of 22.5cm or 8.9 inches*				
	◙*Space in between outer rings: at least 20cm or 7.9 inches*				
	◙*Color: silver*				
	◙*Warranty: 1 year*				
6	**Smart TV, at least 70"**	unit	1	90,000.00	90,000.00
	Specifications:				
	Picture Engine: Crystal Processor 4K				
	• Color: Dynamic Crystal Color				
	• Contrast: Mega Contrast				
	• Sound: Q-Symphony - delete				
	• Smart: Tap-View				
	• Design: AirSlim - delete				
	Specifications Detail				
	Product Type: LED				
	Series: 8				
	Display				
	• Screen Size:at least 70"				
	• Resolution: 3,840 x 2,160				
	• Screen Curvature: N/A - delete				
	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 - delete				
	• Color: Dynamic Crystal Color				
	• Micro Dimming: UHD Dimming				

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• *Auto Depth Enhancer: N/A - copy*					
• *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 – delete*					
• *Object Tracking Sound: N/A -delete*					
• *Q-Symphony: Q-Symphony*					
• *Audio Pre-selection Descriptor: N/A -delete*					
• *Hole Array Speaker: N/A - delete*					
• *Sound Output (RMS): 20W*					
• *Speaker Type: 2CH*					
• *Woofer: N/A - delete*					
• *Multiroom LinkYes*					
• *Blutooth 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 - delete*					
• *Far-Field Voice Interaction: N/A - delete*					
• *Alexa Built-in: N/A – delete*					
• *Google Assistant Built-in: N/A - delete*					
• *Works with Google Assistant: N/A -delete*					
• *Works With Alexa: N/A -delete*					
• *TV Plus: N/A - delete*					
• *Web Browser: Yes*					
• *Gallery: Yes*					
Convergence					
• *TV to Mobile – Mirroring: N/A -delete*					
• *Mobile to TV - Mirroring, DLNA: Yes*					
• *NFC on TV: N/A - delete*					
• *Tap View: Yes*					
• *Digital Butler: N/A - delete*					
• *Multi-View: N/A - delete*					
• *Sound Wall: Yes*					
• *Remote Access: Basic*					
• *360 Video Player: N/A -delete*					
• *360 Camera Support: N/A -delete*					
• *Bluetooth Low Energy: Yes*					
• *WiFi Direct: Yes*					
• *TV Sound to Mobile: Yes*					
• *Sound Mirroring: Yes*					
Differentiation					
• *Tune Station: N/A - delete*					
• *Auto Hotspot Connect: N/A - delete*					
• *S-Share: N/A - delete*					
• *Auto Data Backup: N/A - delete*					
• *Dongle Compatibility (3G / LTE / WiFi): N/A -delete*					

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	• Analog Clean View: N/A - delete				
	• Triple Protection: N/A - delete				
	Tuner/Broadcasting				
	• Digital Broadcasting: ISDB-T				
	• Analog Tuner: Yes				
	• 2 Tuner: N/A - delete				
	• CI (Common Interface): N/A - delete				
	• Data Broadcasting: N/A - delete				
	• 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				
7	**Bread Toaster, 4 slots**	**unit**	**1**	**3,200.00**	**3,200.00**
	4-slice Stainless Steel Toaster				
	Stainless Steel Body•Variable				
	Toast Control•Defrost & Reheat Functions				
	Slide-out Crumb Tray				
8	**Conference Microphone, Gooseneck**	**unit**	**2**	**5,000.00**	**10,000.00**
	◙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	**Digital Automatic Flatbed Printer; Foil printing hot stamping machine for A3 and A4**	**unit**	**1**	**150,000.00**	**150,000.00**
	*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				

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	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	**Digital Duplicator Machine, Copy printer, 300x600 DPI printing**	set	1	150,000.00	150,000.00
	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	**Electric Floor Polisher, Vacuum Cleaner and Sound System**	lot	1	86,000.00	86,000.00
	Item Specification				
	1.Wet and Dry Vacuum Cleaner - 1 unit				
	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				

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	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				
	2. Electric Floor Polisher- 1 unit				
	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				
	3. Sound System- 1 unit				
	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.				
12	**Exhaust Fan**	unit	1	2,500.00	2,500.00
	◉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				
13	**Heavy Duty Combo Binding Machine**	unit	1	18,000.00	18,000.00
	◉Maximum Punching Sheets: 25				
	◉Max Size: LS, F4, A4, Extra Long				
	◉Selectable Punching Pins: 24 slots				

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	◙Net Weight: 12.5kgs				
14	**Hot & Cold water dispenser**	unit	1	14,500.00	14,500.00
	◙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	**Laminator Machine, A3**	unit	4	5,000.00	20,000.00
	◙Heavy Duty, for A3 & A4 size, infrared heating system and adjustable temperature control with overheating protection				
16	**Megaphone**	unit	1	3,000.00	3,000.00
	◙Bullhorn				
	◙1000 yard range				
	◙For indoor and outdoor use				
	◙Built-in siren				
	◙40 W amplifier				
	◙Built-in mic				
	◙10 seconds recording function				
17	**Paper shredder machine, heavy duty**	unit	3	12,000.00	36,000.00
	◙Shred Type: Cross Cut				
	◙Maximum Sheet capacity(70gsm) : 10 Sheets				
	◙Waste Container capacity: 21 Liters				
	◙Power Source: 220 - 240 VAC				
18	**Portable Trolley 15" Speaker with wireless microphone**	unit	4	10,000.00	40,000.00
	◙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	**Sliding Paper Cutter**	unit	4	3,000.00	12,000.00
	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	**Smart TV at least 70 inches**	unit	2	90,000.00	180,000.00

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	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	**Sound System, Speaker, 3 units**	**Lot**	**1**	**150,000.00**	**150,000.00**
	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				
22	**Speaker, for PC, 2.1 (Speaker with Subwoofer)**	**pc**	**1**	**1,500.00**	**1,500.00**
	◎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				
23	**Surge suppressor 6 outlets**	**unit**	**2**	**600.00**	**1,200.00**
	◎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				
24	**Television, UHD, Smart TV**	**unit**	**1**	**32,000.00**	**32,000.00**
	Display Size: at least 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				
25	**Water Dispenser (top loading), with fridge**	**unit**	**1**	**15,000.00**	**15,000.00**
	Fridge cabinet to cool additional drinks.				

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	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				
26	**Wireless Dual Handheld Microphone**	set	1	20,000.00	20,000.00
	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: at least 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.				
27	**Water Dispenser, Cabinet type**	unit	2	10,000.00	20,000.00
	◙Floor standing				
	◙Hot and cold function				
	◙plastic body, high efficiency compressor				
	◙thermally protected				
28	**Speaker, for PC, 2.1 (Speaker with Subwoofer)**	pc	1	4,000.00	4,000.00
	◙Power Output : rms 4.5w×2 sw: 12w				

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	◉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				
	Rebidding from VSU-GOODS-24-04 (delivered to VSU Main Campus)				
29	**3M RJ-45 Volition U.S. Faceplate face plate panel double port 2-Port IO Information Outlet plate**	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	**3M Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount**	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 •*				

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	◙An integral shutter protects the jack in the patch panel •				
	◙Should be compatible with the existing fleet of VSU faceplates				
31	**Battery Charger for 9 Volts Battery**	pc	1	400.00	400.00
	*For 9 volts rechargeable batteries *Charges 2x rechargeable batteries (9 volts) at the same time*				
	*With 110v & 220v setting				
	Compatible with Nickel-Cadmium & Nickel-Metal Hydride rechargeable batteries				
32	**Canon Cartridge 054 Toner - Black**	pc	1	4,600.00	4,600.00
	For Canon Generic UFR II Printer Model: LBP621C				
	Color: Black				
33	**Computer Keyboard USB-type**	pc	4	400.00	1,600.00
	◙*Standard Keyboard with 104 Keys*				
	◙*USB Connection*				
	◙*Low Profile Key Caps*				
	◙*Minimum Key Noise*				
	◙*Laser Printing for Key Layout*				
	◙*Spill Resistant Design*				
34	**Computer Monitor 21.5", VA**	unit	1	6,500.00	6,500.00
	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				
35	**DDR3 4GB SO - DIMM 2666 Mhz**	unit	4	1,500.00	6,000.00
36	**Desktop Computer, All-in-one (AIO), Pentium Silver, 4GB RAM**	unit	1	27,000.00	27,000.00
	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				
37	**DS3231 RTC High Precision Real-Time Clock Module**	pc	2	200.00	400.00
38	**DSLR Camera**	unit	1	80,000.00	80,000.00
	24.5MP FX-Format BSI CMOS Sensor and EXPEED 6 Processor				
	51-Point Multi-CAM 3500 II AF Sensor				
	UHD 4K Video Recording				

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	273-Point Hybrid AF System				
	Body Design				
39	**DSLR Camera with lens and accessories**	unit	1	42,000.00	42,000.00
	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				
40	**External Hard Drive, 1 TB**	unit	10	3,500.00	35,000.00
	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	**Hard Disk ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5**	pcs	4	2,400.00	9,600.00
	ST1000DM010 1TB 64MB Cache SATA 6.0Gb/s 3.5				
42	**Headset (Wired), Generic Over the Ear with mic**	pc	1	500.00	500.00
	◎Line is equipped with a rotary volume controller, one key Mic mute,				
	◎Frequency Range:20-20K(Hz)				
	◎Sensitivity:-52(dB)				
	◎Impedance:32(Ohm)				
	◎Speaker Diameter:40(mm)				
	◎Distortion Rate:0.8%				
	◎Plug Diameter:3.5mm				
43	**Headset, Over Ear, wired**	set	4	750.00	3,000.00
	◎Wearing Type: Over-ear				
	◎Microphone: Yes				
	◎Volume Control: Yes				
	◎One Key Mute Button: Yes				

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	◉Microphone: Omnidirectional				
	◉Plug Type: 3.5mm				
	◉Speaker Diameter: 50mm				
	◉Receive Sensitivity: 101dB				
	◉Impedance: 32Ω				
	◉Frequency Response: 20-20kHz				
44	**Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R, T05A1 T05A2 T05A3 T05A4, Printer Ink Bag**	sets	2	7,500.00	15,000.00
	Ink Cartridge Pigment Ink For Epson WorkForce Pro WF-C878R				
	T05A1 (BLACK)				
	T05A2 (CYAN)				
	T05A3 (MAGENTA)				
	T05A4 (YELLOW)				
45	**Ink Cartridge, HP704, black**	pc	6	595.00	3,570.00
46	**Ink Cartridge, HP704, tri color**	pc	6	595.00	3,570.00
47	**Ink, EPSON T9481 XL for WF-C878R Printer, Black**	tube	5	1,500.00	7,500.00
48	**Ink, EPSON T9481 XL for WF-C878R Printer, Cyan**	tube	5	1,500.00	7,500.00
49	**Ink, EPSON T9481 XL for WF-C878R Printer, Magenta**	tube	5	1,500.00	7,500.00
50	**Ink. EPSON T9481 XL for WF-C878R Printer, Yellow**	tube	5	1,500.00	7,500.00
51	**Laptop Stand Lifting Riser Holder Aluminum Height/Angle**	pc	3	1,500.00	4,500.00
52	**LCD Projector (XGA), 3LCD Technology**	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	**LCD Projector, XGA (1024x768)**	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				

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	◉*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	**LED Voltage Tester**	unit	1	4,000.00	4,000.00
	LED Voltage Tester				
	600V AC/DC, Continuity Check, Battery Powered				
	CAT III 100V, CAT IV 600				
55	**Mirrorless Camera, 24MP APS-C**	unit	2	50,000.00	100,000.00
	◉*24.1MP APS-C CMOS Sensor*				
	◉*Digital Imaging Integrated Circuit (DIGIC) 8 Image Processor*				
	◉*UHD 4K and HD 720p120 Video Recording*				
	◉*Dual Pixel CMOS AF with Eye Detect AF*				
	◉*2.36m-Dot OLED Electronic Viewfinder*				
	◉*3.0" 1.04m-Dot Vari-Angle Touchscreen*				
	◉*Wi-Fi and Bluetooth; Webcam Capability*				
	◉*Extended ISO 51200, 10 fps Shooting*				
	◉*Combination 5-Axis Image Stabilization*				
	◉*Includes EF-M 15-45mm f/3.5-6.3 IS STM Lens*				
56	**Printer, Wi-Fi Duplex All-in-One Ink**	unit	3	16,000.00	48,000.00
	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	**Rechargeable Wireless Keyboard and Mouse Set**	sets	2	1,000.00	2,000.00
	◉*Rechargeable Office Wireless Keyboard and Mouse Set*				
	◉*Size: 284*121*16.mm*				
	◉*Weight: 280g*				
	◉*Connection method: USB receiver/Bluetooth*				
58	**Toner MP 2014H NRG Brand**	btl	2	3,700.00	7,400.00
	MP2014H Series/MP2700/MP2701;				
59	**Universal HDMI to VGA Adapter Cable, at least 1.8 meters**	pc	3	300.00	900.00

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60	**UPS**	unit	2	7,000.00	14,000.00
	◉*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	**VOIP Phone**	unit	2	12,000.00	24,000.00
	◉*1-Line PoE+ SIP VOIP Phone SPA MAC address (IEEE 802.3) with lifetime warranty*				
	◉*IPv4 (RFC 791)Integrated web server provides web-based administration and configuration*				
	◉*Telephone keypad configuration via display menu/navigation*				
	◉*Automated provisioning and upgrade via HTTPS, HTTP, TFTP*				
	◉*Asynchronous notification of upgrade availability via NOTIFY*				
	◉*Nonintrusive in-service upgrades*				
	◉*Report generation and event logging*				
	◉*Statistics transmitted in BYE message*				
	◉*Syslog and debug server records: configurable per line*				
	◉*Address Resolution Protocol (ARP)*				
	◉*DNS: A record (RFC 1706), SRV record (RFC 2782)*				
	◉*Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)*				
	◉*Internet Control Message Protocol (ICMP) (RFC 792)*				
	◉*TCP (RFC 793)*				
	◉*User Datagram Protocol (UDP) (RFC 768)*				
	◉*Real-Time Transport Protocol (RTP) (RFC 1889, 1890)*				
	◉*Real-Time Control Protocol (RTCP) (RFC 1889)*				
	◉*Differentiated Services (DiffServ) (RFC 2475)*				
	◉*Type of service (ToS) (RFC 791, 1349)*				
	◉*VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)*				
	◉*Simple Network Time Protocol (SNTP) (RFC 2030)SIP version 2 (RFC 3261, 3262, 3263, 3264)*				
	SPCP with the Cisco Unified Communications 500 Series				
	◉*SIP proxy redundancy: dynamic via DNS SRV, A records*				
	◉*Reregistration with primary SIP proxy server*				
	◉*SIP support in NAT networks (including STUN)*				
	◉*SIPFrag (RFC 3420)*				
	◉*Secure (encrypted) calling via SRTP*				
	◉*Codec name assignment*				
	◉*Voice algorithms:*				
	◉*G.711 (A-law and µ-law)*				
	◉*G.726 (16/24/32/40 kbps)*				
	◉*G.729 A*				
	◉*G.722*				
	◉*Dynamic payload support*				
	◉*Adjustable audio frames per packet*				

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	◉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				
62	**VoIP, Telephone**	unit	2	15,000.00	30,000.00
	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)				
	MUST have with Multiplatform Phone Firmware				
	Compatible with existing VSU fleet				

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63	Wifi Access Point (Existing fleet of VSU Access Points)	unit	3	12,000.00	36,000.00
	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 Gpbs (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				

Bidding No.: VSU-GOODS-24-11
Bidding Title: Supply and Delivery of Office and IT Equipment and
Supplies VSU Main and Alang-Alang Campuses
Location of the Project: VSU Main, Visca, Baybay City Leyte

64	Drone (Professional Quadcopter With 5.5" Screen)	unit	2	260,000.00	520,000.00
	Ready To Fly.				
	Obstacle sensing: 5-way.				
	Obstacle avoidance: 4-way.				
	Redundant sensors: obstacle avoidance, dual compasses, dual IMUs.				
	Range: 4.3 miles.				
	Maximum flight time: 30 minutes.				
	Top speed: 45 mph.				
	Big 1-inch sensor.				
	5.5-inch video monitor for controller.				
	4K video @ 60fps.				
	20MP stills, up to 14fps bursts.				
	Mechanical shutter that eliminates rolling distortion.				
	Wireless compatibility				
	Active-Track for locking onto and tracking subjects.				
65	Thermal Receipt Printer	unit	1	5,500.00	5,500.00
	Receipt Ticket Thermal Printer				
66	Window speaker intercom system	pc	3	3,300.00	9,900.00
	◉*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	UPS Battery Backup, 1500VA	unit	2	10,000.00	20,000.00
	◉ *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	Monitor, 27" IPS, 4K (3840 x 2160)	unit	2	20,000.00	40,000.00
	◉*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/m²*				
	◉*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)*				

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	◉Viewing Angle (CR≥10) 178º(R/L), 178º(U/D)				
	◉Surface Treatment Anti-Glare				
69	SDS: 8417M-delete Micro Cut Paper Shredder	unit	2	10,800.00	21,600.00
	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				
70	GPS, Waterproof Hiking	unit	2	20,000.00	40,000.00
	General				
	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 transflective TFT				
	Weight - 7.7 oz (218 g) with batteries				
	Battery Type - 2 AA batteries				
	Battery Life - 18 hours, typical				
	Watering Rating - IPX7				
	High-Sensitivity Receiver - Yes				
	Maps & Memory				
	Ability to add maps - Yes				
	Basemap - Yes				
	Automatic routing (turn by turn routing on roads) - Yes				
	External Memory Storage - 128 microSD card (included)				
	Waypoints/favorites/locations - 1000				
	Track Log - 10,000 points; 20 saved tracks				
	Routes - 50				
	Outdoor Recreation				
	Hunt/Fish Calendar - Yes				
	Sun and Moon information - Yes				
	Geocaching-Friendly - Yes				
	Sensors				
	Barometric Altimeter - Yes				
	Compass - Yes				
	Area Calculation - Yes				
71	Ink cartridge HP # Q6003A, magenta	pc	10	4,140.00	41,400.00
				TOTAL:	3,800,000.00

DILBERTO O. FERRAREN
BAC Chairman