



BID BULLETIN 01

Date: 7 December 2022

Project Title: *Supply and Delivery of I.T. Equipment and Supplies and Office Equipment (GOODS-22-58)*

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	
<i>Legal Documents</i>	
1	PhilGEPS Certificate of Registration (Platinum)
	or
	a. Registration Certificate (SEC, DTI or CDA)
	b. Mayor's/Business Permit
	c. Tax Clearance
<i>Technical Documents</i>	
2	Statement of All On-Going Government & Private Contracts
3	Statement of Bidder's Single Largest Completed Contract (at least 50% of the ABC or Php 573,335.00 .)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 573,335.00 and the largest of which should be at least PhP 286,667.50
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 and 3 months for supplies)
9	Original Duly Signed Omnibus Sworn Statement
<i>Financial Documents</i>	
10	The Supplier's Audited Financial Statements
11	Net Financial Contracting Capacity (at least Php 1,146,670.00)
	Or
	Committed Line of Credit (at least Php 114,667.00)
(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)



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 scanned 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

3. Create two (2) folders that are password-protected. The first folder should contain all requirements under Technical Component checklist as presented under Section VIII.

The second folder should contain all requirements under Financial Component checklist.

4. Compress the two (2) folders and name as follows: a) first folder: **Technical Documents**, b) second folder: **Financial Documents**.
5. Email the 2 compressed folders to Ms. Jessamine C. Ecleo at jessamine.ecleo@vsu.edu.ph before the deadline.

III. Changes in the Bidding Documents

Original	
<p>Section I. Invitation to Bid</p> <p>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>21 November – 14 December 2022 until 1:30 PM</i> 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.</p>	<p><i>(Amendment)</i></p> <p>A complete set of Bidding Documents may be acquired by interested Bidders on <i>21 November – 14 December 2022 until 1:30 PM</i> 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:</p> <p>The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p> <p>The Bidders may deposit the payment for the bidding documents to the Visayas State University Landbank Account with the following details:</p> <p>Account Name: Visayas State University Fund 164 Account Number: <u>3572-1000-13</u></p> <p>Then send the deposit slip to jessamine.ecleo@vsu.edu.ph</p>



<p>Section II. Instructions to Bidders</p> <p>15. Sealing and Marking of Bids</p>	<p><i>(Additional Instructions)</i></p> <p>Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.</p> <p>For filing purposes, the bidders are urged to use Orange envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.</p>
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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)
1	Air condition, window type, Inverter, 2 HP (Manual), Standard size	unit	2	47,000.00	94,000.00
	at least 12,000 kj/Hr				
	EER: at least 10.5				
	with three speed cooling switch and timer				
2	Antivirus Software 3 Device, 1+1 Year License include VPN (enrolled auto-renewal)	pc	3	2,000.00	6,000.00
	☑Antivirus Software keeps your PC/Laptop/Mobile device safe from Trojans, viruses, spyware, rootkits, and more, with state-of-the-art anti-malware protection				
	☑Detects, quarantines, and blocks viruses and malware to prevent damage to your PC/Laptop				
	☑Keep zero-day threats and botnets at bay - McAfee Active Protection and Global Threat Intelligence technology have you covered				
	☑Block inappropriate sites				
	☑Two-Way Firewall system monitors and stops traffic in and out of your PC				
	☑Keep sensitive files private by storing them on your PC with 128-bit encryption				
	☑Eliminate the hassle of passwords with the password manager app				
3	Audio Amplifier Two Channels	unit	1	15,000.00	15,000.00
	Stereo output power 8Ω: 650Wattsx2				
	Stereo output power 4Ω: 1100Wattsx2				
	Total harmonic distortion: <0.01%				
	Signal-to-noise ratio: >105dB				
	Input impedance: balanced 20KΩ/unbalanced 10KΩ				
	Input sensitivity: 0db/1V				
	Voltage gain: adjustable, maximum 32dB (40 times)				
	Frequency response: 20Hz~20KHz ±0.15dB				
	Conversion rate: 50V/us				
	Channel isolation: 105dB (1KHz); 80dB				



	(20KHz)				
	Damping coefficient: 80/1KHz > 250				
	Connector: Input: XLR female, TRS (1/4 inch) output terminal and Speaker socket				
	Indicator light: signal indicator, protection indicator, overheat protection, overload protection				
	AC input voltage: AC220V/50-60HZ				
4	Computer Monitor 24", IPS	set	2	10,000.00	20,000.00
	■Panel Size: Wide Screen 23.8"(60.5cm) 16:9				
	■Color Saturation : 72%(NTSC)				
	■Panel Type : In-Plane Switching				
	■True Resolution : 1920x1080				
	■Brightness(Max) : 250 cd/m				
	■Contrast Ratio (Max) : 1000:1				
	■Response Time : 5ms (Gray to Gray)				
	■Display Colors : 16.7M				
	■Flicker free				
5	Computer Printer 3-in-1	unit	1	12,500.00	12,500.00
	■with CIS Filled with Inks				
	■Compact integrated tank design				
	■High yield ink bottles				
	■Spill-free, error-free refilling				
	■Wi-Fi, Wi-Fi Direct				
	■Borderless printing up to 4R				
6	Conference Microphone, 8 Channels Professional Gooseneck, Wireless	set	1	25,000.00	25,000.00
	8 Channels Professional Gooseneck Conference Microphone System With 8 Fixed Frequency Wireless Gooseneck Mics, Super-low Background Noise, Designed for Large Conferences, Meetings, Public Speaking Engagements				
7	Desktop Computer, Assembled, 12th Gen Core i5, SSD and HDD	sets	2	45,000.00	90,000.00
	Processor: Intel® Core i5 12th gen with Intel® UHD Graphics 730 or higher				
	Motherboard :Intel® H610 Chipset for 12th Gen Intel® Core™ Series Processors, Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs, 6+1+1 Hybrid Digital VRM Design, Intel® GbE LAN, NVMe PCIe 3.0 x4 M.2, High Quality Audio Capacitors and Audio Noise Guard, mATX form factor or higher				
	RAM: 16GB DDR4 3200 Mhz or higher				
	SSD: 512 GB NVMe PCIe Gen 3x4				
	HDD: 1 TB 7200 RPM				
	PSU: 650w 80 plus Bronze Certified				
	Casing: mATX Casing with transparent acrylic side panel				
	24" IPS monitor 72% NSTC color gamut with 75Hz refresh rate				
	Keyboard and Mouse Combo: Spill-resistant design with up to Up to 5 million keystrokes (excludes number lock key) keyboard and full-sized ambidextrous optical mouse				
	Operating system: Genuine Windows 11				



8	External Hard Disk Drive (Portable, 2TB), USB 3.1	unit	1	4,200.00	4,200.00
	■Shock-absorbing				
	■Interface: USB 3.1 (Max.5Gb/s)				
	■Capacity: 2TB				
	■Texture: Plastic/Rubber				
	■Operating Voltage: DC 5V, 900mA				
	■System Requirements: Windows XP / Vista / 7 / 8 / 8.1 / 10, Mac OS X 10.6 or later, Linux Kernel 2.6 or later				
9	Global Positioning System (GPS)	unit	2	37,500.00	75,000.00
	4-inch dual-orientation, glove friendly touchscreen display; 8 megapixel autofocus camera; automatically geotags photos; tracks both GPS and GLONASS satellites; 1-year birds Eye Satellite Imagery subscription; 3-axis compass with barometric altimeter				
10	HDMI to HDMI cable	piece	1	500.00	500.00
	■chord 1.8 meter long;				
11	HP 201A Black Original LaserJet Toner Cartridge	pcs	1	8,000.00	8,000.00
	Color: Black				
	Hardware compatibility: HP Color LaserJet Pro M252 Printer series, HP Color Laserjet Pro MFP M277 series				
12	HP 201A Magenta Original LaserJet Toner Cartridge	pcs	1	8,000.00	8,000.00
	Color: Magenta				
	Hardware compatibility: HP Color LaserJet Pro M252 Printer series, HP Color Laserjet Pro MFP M277 series				
13	HP 201A Yellow Original LaserJet Toner Cartridge	pcs	1	8,000.00	8,000.00
	Color: Yellow				
	Hardware compatibility: HP Color LaserJet Pro M252 Printer series, HP Color Laserjet Pro MFP M277 series				
14	Industrial Stand Fan	unit	3	10,000.00	30,000.00
	24" Metal Blade High Performance Motor 3-Speed Push Button With thermal fuse protection with Oscillation with Height Adjustment				
15	Ink, Epson 003,Genuine Black 65mL	btl	25	350.00	8,750.00
16	Ink, EPSON 003,Genuine Cyan 65mL	btl	13	350.00	4,550.00
17	Ink, EPSON 003,Genuine Magenta 65mL	btl	15	350.00	5,250.00
18	Ink, EPSON 003,Genuine Yellow 65mL	btl	13	350.00	4,550.00
19	Ink, Epson, genuine (C) T664, 70 ml	pieces	12	350.00	4,200.00
20	Ink, Epson, genuine (M) T664, 70 ml	pieces	12	350.00	4,200.00
21	Ink, Epson, genuine, (BK) T664, 70 ml	pieces	12	350.00	4,200.00
22	Ink, Epson, genuine, (Y) T664, 70 ml	pieces	12	350.00	4,200.00



23	Laptop 14" (i3)	unit	1	33,000.00	33,000.00
	☑Processor : Intel Core i3-1005G1 Processor 4M Cache, up to 3.40 GHz or higher				
	☑Operating System : Windows 10 Home License				
	☑Memory : 4GB Onboard memory, 1 x SO-DIMM socket , total up to 8 GB SDRAM				
	☑Display : 14.0" (16:9) LED-backlit HD (1366x768) 60Hz Anti-Glare Panel with 45% NTSC				
	☑Graphics : Integrated Intel UHD Graphics				
	☑Storage : 512GB PCIe Gen3 x2 SSD				
	☑Networking : Integrated Wi-Fi 5 (802.11 ac) Bluetooth 5.0				
	☑Battery : 2 -Cell 32 Wh lithium-polymer battery				
24	Laptop 15.6", AMD Ryzen 3750	unit	1	72,000.00	72,000.00
	☑AMD Ryzen 7 3750H Processor 2.3ghZ Up to 4GHz				
	☑Windows 10 Home License				
	☑15.6" FHD (1920x1080), 120Hz, IPS-Level				
	☑at least 4GB AMD Radeon RX 5500M GDDR6				
	☑at least 16GB DDR4				
	☑at least 512GB NVMe PCIe Gen3x2 SSD				
	☑Per-Key RGB Backlight Keyboard				
	☑802.11 ac Wi-Fi + Bluetooth v5				
	☑1x Type-C USB3.2 Gen1				
	☑3x Type-A USB3.2 Gen1				
	☑1x RJ45				
	☑1x Micro SD				
	☑1x (4K @ 60Hz) HDMI				
	☑1x Mini-DisplayPort				
	☑at least 6-Cell Li-Ion Battery (Type) 51 Battery (Whr)				
25	Laptop, 14" Core i5 11th Gen	unit	2	55,000.00	110,000.00
	Intel Core i5-1135G7 Processor or higher				
	8GB DDR4-3200 Memory or higher				
	512GB M.2 NVMe PCIe 3.0 SSD or higher				
	14" FHD 1920x1080 IPS Display				
	NVIDIA GeForce MX330 2GB GDDR5 V RAM				
	802.11AC WiFi + BT				
	HDMI Port				
	USB 3.2 Gen 1 Type-C Support				
	Genuine Windows 10 License				
26	Laser Presentation Remote / Wireless Presenter, Black	piece	4	700.00	2,800.00
	☑Wave Length: 640 ~ 660nm (red light)				
	☑Battery type: 2 AAA batteries				
	☑Battery life (Laser pointer): 20-hour maximum				
	☑Battery life (Presenter): 1050-hour maximum				
	☑Wireless operating distance: Approx 10m				
	☑1.49 in (37.8 mm) x 4.55 in (115.5 mm) x				



	1.08 in (27.4 mm)				
	☐0.65 in (16.5 mm) x 2.31 in (58.6 mm) x 0.31 in (7.9 mm)				
	☐Windows Vista, Windows 7, Windows 8				
	☐Wireless mini-receiver				
	☐2 AAA batteries				
	☐Carrying case				
	☐Quick-start guide				
27	Microsoft Office Home & Student 2019 or latest, 1 Perpetual License, Medialess	pcs	1	7,500.00	7,500.00
	☐One-time purchase for 1 PC or Mac				
	☐Classic 2019 versions of Word, Excel, and PowerPoint				
	☐Microsoft support included for 60 days at no extra cost				
	☐Licensed for home use				
28	Microwave Oven, 20L	unit	1	5,000.00	5,000.00
	20-Liter				
	220V				
	Electronic Control				
	LCD Display				
	700w microwave power				
	6 autocoook functions				
	Reheat and defrost capacity				
	Dimension: (h:w:d) 10.35 x 18 x 14 in				
	Warranty: One year on service, 2 years on parts				
29	Mouse, Wired, Optical, USB	pieces	2	210.00	420.00
	☐USB Port Connectivity				
	☐Sensor: Optical				
	☐DPI: 1600				
	☐Work method: Wired				
	☐Buttons: Left button, middle button, right button				
	☐Scroll wheel direction: Two way				
	☐Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design				
30	Music Keyboard (Electric Organ)	unit	5	20,000.00	100,000.00
	Number of Keys: 61 Keys				
	Touch Response: Soft, Medium, Hard, Fixed				
	Pitch Blend: Yes				
	Control knobs: Yes				
	Display0				
	Type: LCD (Liquid Crystal Display)				
	Language: English				
	Tone Generating Technology: AWM Stereo Sampling				
	Number of Polyphony (Max.): 48 Preset				
	Number of Voices: 758 (237 Panel Voices + 24 Drum/SFX kits + 40 Arpeggio + 457 XGlite voices)				
	Featured Voices: 8 Sweet! Voices, 3 Cool Voices, 3 Dynamic Voices				
	Should Have a Music Rest, Stand and Sustain Pedal				
31	Portable Sound System	set	1	16,000.00	16,000.00
	2 Way 450W Powered Portable Sound System				



	AC220V or DC12V (With built-in Rechargeable Batteries)				
	at least 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				
32	Portable Sound System (2 Way)	unit	6	14,500.00	87,000.00
	450W				
	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 Wheels				
33	Powerbank	unit	1	1,800.00	1,800.00
	20000mAh High Capacity				
	Supports USB-C both for input and output, up to 45W				
	Fast charging				
	Battery type: Lithium Polymer Battery				
	Rated capacity: 12600mAh (5V 5.4A)				
	USB-A (single port): 5V-2.4A (12W) / 9V-2A (18W) / 12V-1.5A (18W) power output				
	USB-A (dual USB): 5V3A				
	USB-C port- 5V-3A (15W) / 9V-3A (27W) / 12V-3A (36W) / 15V-3A (45W) / 20V-2A (40W)				
	Not less than 1 year warranty				
34	Printer, A3 Duplex All-in-One Ink Tank, Wi-Fi Direct	pc	1	50,000.00	50,000.00
	Printer Type:Print, Scan, Copy, Fax with ADF				
	Print speed of up to 25.0 ipm				
	Ultra-high page yield of 7,500 pages (black) and 6,000 pages (colour)				
	Print Method: PrecisionCore Printhead				
	Minimum Ink Droplet Volume:3.8 pl				
	Print Direction: Bi-directional printing				
	Nozzle Configuration:800 x 1 nozzles Black, 256 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
	Maximum Resolution:4800 x 2400 dpi				
	Automatic 2-sided Printing:Yes (up to A3)				
	Maximum Copy Size:A3				
	Copy Resolution:600 x 600 dpi				
	Scanner Type:Flatbed colour image scanner				
	Sensor Type:CIS				
	Optical Resolution:1200 x 2400 dpi				
	USB:USB 2.0				
	Network:Ethernet, Wi-Fi IEEE 802.11 b/g/n, Wi-Fi Direct				
	Network Protocol:TCP/IPv4, TCP/IPv6				



	Network Management Protocols:SNMP, HTTP, DHCP, BOOTP, APIPA, PING, DDNS, mDNS, SNTP, SLP, WSD, LLTD				
	LCD Screen:4.3" Colour LCD Touch Screen				
	ADF Support Paper Thickness:64-95 g/m2				
35	Processor, Intel Core i5, at least 8th gen	unit	1	11,500.00	11,500.00
	▣6 Cores/ 6 Threads				
	▣2.90 GHz up to 4.10 GHz Max Turbo Frequency/ 9 MB Cache				
	▣Compatible only with Motherboards based on Intel 300 Series Chipsets				
	▣Discrete GPU required - No integrated graphics				
	▣Intel Optane Memory supported				
36	Random Access Memory, DDR4, 2666Mhz, 8GB	pc	2	2,500.00	5,000.00
	Memory Capacity: 8GB				
	Speed: 2666MHz				
	Error Check: Non-ECC				
	Module Type: DIMM •				
	CAS Latency: CL19				
	Form Factor: DDR4				
	Pins: 288 Pin				
	Memory Voltage: 1.2V				
37	Smart TV 32" HD LED HDMI	unit	1	20,000.00	20,000.00
	USB 2.0 x 1				
	Jack 3.5 mm				
	Visa: 10 x 10 cm				
	HDR · Flat · High Definition · 720p · LED · 1366 x 768 · CEC Enabled · Wi-Fi · RF · USB				
	Screen type: LED				
	Connections: HDMI				
	Resolution: Full HD				
	Connectivity: Smart TV				
	Inches: 28-32				
38	Solid State Drive, 240 GB, SATA	piece	2	2,000.00	4,000.00
	240GB Storage Capacity				
	2.5" / 7mm Form Factor				
	SATA III 6 Gb/s Interface				
	Up to 490 MB/s Write Speed				
	Up to 550 MB/s Read Speed				
	Up to 25,000 IOPS 4K Writes				
	Up to 90,000 IOPS Max 4K Reads				
	MTBF: At least 1.5 million hours				
39	Speaker, for PC, 2.1 (Speaker with Subwoofer)	pc	1	1,500.00	1,500.00
	▣Power Output : rms 4.5wx2 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				
40	UPS	unit	1	7,000.00	7,000.00
	▣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				
41	Wireless Access Point	unit	1	9,900.00	9,900.00
	☐Networking Interface (1) 10/100/1000 Ethernet Port				
	☐Buttons Reset				
	☐Power Method 802.3af PoE				
	☐Power Supply UniFi Switch (PoE)				
	☐Power Save Supported				
	☐Beamforming Supported				
	☐Maximum Power Consumption 10.5W				
	☐Supported Voltage Range 44 to 57VDC				
	☐TX Power				
	☐2.4 GHz				
	☐5 GHz				
	☐23 dBm				
	☐26 dBm				
	☐MIMO				
	☐2.4 GHz				
	☐5 GHz				
	☐2x2				
	☐4x4				
	☐Radio Rates				
	☐2.4 GHz				
	☐5 GHz				
	☐300 Mbps				
	☐1733 Mbps				
	☐Antennas				
	☐2.4 GHz				
	☐5 GHz				
	☐(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each				
	☐(2) Single-Port, Dual-Polarity Antennas, 3 dBi each				
	☐Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2				
	☐Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF				
	☐BSSID 8 per Radio				
	☐Mounting Wall/Ceiling (Kits Included)				
	☐Operating Temperature -10 to 70° C (14 to 158° F)				
	☐Operating Humidity 5 to 95% Noncondensing				
	☐Certifications CE, FCC, IC				
	☐Advanced Traffic Management				
	☐VLAN 802.1Q				
	☐Advanced QoS Per-User Rate Limiting				
	☐Guest Traffic Isolation Supported				
	☐WMM Voice, Video, Best Effort, and Background				
	☐Concurrent Clients 200+				
	☐Supported Data Rates (Mbps)				
	☐Standard Data Rates				



	<ul style="list-style-type: none"> ☐802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps ☐802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40) ☐802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) ☐58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) ☐802.11b 1, 2, 5.5, 11 Mbps ☐802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps ☐Should be compatible with existing VSU UniFi Controller 				
	Rebidding (from GOODS-22-48)				
42	Cover for keyboard	pieces	4	50.00	200.00
43	Flatbed Scanner	unit	1	5,500.00	5,500.00
	<ul style="list-style-type: none"> ☐Scanner Type: <i>model EOL</i> ◀Flatbed colour image scanner ☐Scanning Method: ◀Fixed document and moving carriage ☐Optical Resolution: ◀4,800 dpi x 4,800 dpi *1 ☐Output Resolution: ◀50 dpi to 4800 dpi, 7200 dpi, 9600 dpi (50 dpi to 4800 dpi in 1 dpi increments) *2 ☐Scanner Bit Depth (Colour): ◀48-bit input, 24-bit output ☐Scanner Bit Depth (Grayscale): ◀16-bit input, 8-bit output ☐Scanner Bit Depth (Black & White): ◀16-bit input, 1-bit output ☐Max Document Size: ◀Up to 216 x 297mm 				
44	Printer, All-in-One Wireless Ink Tank Color	unit	1	11,000.00	11,000.00
	<ul style="list-style-type: none"> ☐Product Description ◀Product Details of All-in-One Wireless Ink Tank Colour Printer ◀Printing resolution(dpi): 4800(horizontal) x 1200(vertical) ◀Interface: USB Port=Hi-Speed USB *1, LAN Port=Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b*2 ◀Multiple copy: Max. 20 pages ◀Maximum scanning size: A4/Letter, 8.5" x 11.7"/216x297 mm ◀Multiple Copy: Mx. 99 pages ◀Scanner Driver: Windows=TWAIN 1.9 Specification, WIA ◀Scanning resolution: optical resolution (horizontal x vertical)= 600 x 1200 dpi ◀Gradiation (input/Output): Gray=16bit/8bit, Color= RGB each 16bit/8bit ◀Data Compressing System: Black=MH, MR, MMR, Color= JPEG ◀Modem Speed: Max. 33.6 kbps ◀Density adjustment: 3 levels ◀Memory: Transmission/reception= approx. 50 pages ◀Color: 200 x 200 dpi ◀Operating System: Windows 10,8.1,7 SP1 				



	◀Hard Disk Space: 3.1GB				
	◀Display: XGA 1024 x 768				
	◀Connectivity Type: WiFi				
	◀Wireless LAN: Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b				
	◀Frequency bandwidth: 2.4 GHz				
	◀WCN (WCN-NET) • Easy wireless connect				
	◀Other Features: Administration password				
	◀Other Supported OS: iOS, Android, Windows 10 Mobile				
	◀Mobile Printing Capability: Google Cloud Print, Apple AirPrint				
45	Printer, Laser Jet	unit	2	7,500.00	15,000.00
	Function: Print Only				
	Print speed black (normal, A4): Up to 20 ppm				
	Print speed: Print speed up to 21 ppm (black)				
	Print speed black (normal, letter): Up to 21 ppm				
	Print quality black (best): Up to 1,200 x 1,200 dpi				
	Connectivity, standard: Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n				
	Compatible Operating Systems: Windows®: 7 (32/64 bit),				
46	Thermal Binding Machine-Glue Thermal Book Binder	unit	1	10,000.00	10,000.00
	☑Thermal binding				
	☑for desktop of medium duty thermal binding projects				
	☑Max thickness of binding is 2"				
	☑3-minute thermal binding cycle with 1 minute heat-up time				
	☑HeatShield safety barrier - prevents accidental contact with the heating plate				
	☑Visual indicators- shows when machine is ready for thermal binding				
	☑Ready-beep sounds when thermal binding cycle is complete.				
	☑Internal clamps hold documents in place during thermal binding process.				
	☑Auto shut-off safety feature prevents overheating.				
	☑Stylish design folds flat for storage.				
	☑For use with thermal binding covers only.				
	☑Max thickness of binding:2"				
	☑Warm up time: within 3 minute				
	☑Thickness of cover:50-350g				
	☑Item Weight: 4.1kg / 9.04Lbs				
	☑Item Size: 38 * 23 * 18cm / 14.96 * 9.06 * 7.09"				
	☑Package Weight: 4.4kg / 9.7Lbs				
47	Toner Cartridge, HP 85A CE285A, Black	boxes	5	4,200.00	21,000.00
	HP 85A (CE285A) toner cartridges work with: HP LaserJet Pro M1212nf, M1217nfw, P1102w, P1109w				
	HP 85A toner cartridge yield (approx.): 1,600				



	pages. Operating temperature range is 10 to 32.5°C				
48	UPS, 1200 VA, with Multifunction LCD status and control console	unit	1	11,500.00	11,500.00
	Max Configurable Power (Watts): 720 Watts / 1.2kVA				
	Output Frequency (sync to mains): 50/60 Hz +/- 1 Hz Unsynchronised, 50/60 Hz +/- 3 Hz Sync to mains				
	Topology: Line interactive				
	Waveform type: Stepped approximation to a sinewave				
	Transfer Time: 10 ms typical - 12 ms maximum				
	Input frequency: 50/60 Hz +/- 3 Hz Auto-sensing				
	Input voltage range for main operations: 156 - 300 Adjustable, 176 - 294V				
	Battery type: Lead-acid battery				
	Typical recharge time: 8hour(s)				
	Expected Battery Life (years): 3 - 5				
	Battery Charge Power (Watts): 23 Watts				
	Interface Port(s): Optional Simple Signalling RS232 cable, USB				
	Control panel: Multifunction LCD status and control console				
	Surge energy rating: 441Joules				
	Data Line Protection: RJ11 modem/fax/DSL protection (two wire single line), RJ45 10/100 Base-T Ethernet protection				
	Approvals: GOST				
	RoHS: Compliant				
49	Wireless Access Point	unit	1	9,900.00	9,900.00
	☑Networking Interface (1) 10/100/1000 Ethernet Port				
	☑Buttons Reset				
	☑Power Method 802.3af PoE				
	☑Power Supply UniFi Switch (PoE)				
	☑Power Save Supported				
	☑Beamforming Supported				
	☑Maximum Power Consumption 10.5W				
	☑Supported Voltage Range 44 to 57VDC				
	☑TX Power				
	☑2.4 GHz				
	☑5 GHz				
	☑23 dBm				
	☑26 dBm				
	☑MIMO				
	☑2.4 GHz				
	☑5 GHz				
	☑2x2				
	☑4x4				
	☑Radio Rates				
	☑2.4 GHz				
	☑5 GHz				
	☑300 Mbps				
	☑1733 Mbps				
	☑Antennas				
	☑2.4 GHz				



	<ul style="list-style-type: none"> ■ 5 GHz ■ (2) Single-Port, Single-Polarity Antennas, 2.8 dBi each ■ (2) Single-Port, Dual-Polarity Antennas, 3 dBi each ■ Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2 ■ Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF ■ BSSID 8 per Radio ■ Mounting Wall/Ceiling (Kits Included) ■ Operating Temperature -10 to 70° C (14 to 158° F) ■ Operating Humidity 5 to 95% Noncondensing ■ Certifications CE, FCC, IC ■ Advanced Traffic Management ■ VLAN 802.1Q ■ Advanced QoS Per-User Rate Limiting ■ Guest Traffic Isolation Supported ■ WMM Voice, Video, Best Effort, and Background ■ Concurrent Clients 200+ ■ Supported Data Rates (Mbps) ■ Standard Data Rates ■ 802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps ■ 802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40) ■ 802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) ■ 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160) ■ 802.11b 1, 2, 5.5, 11 Mbps ■ 802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps ■ Should be compatible with existing UniFi Controller 				
50	<p>Crimper for RJ 45, Pass Through for CAT5, CAT6 UTP Cable</p> <ul style="list-style-type: none"> ■ Professional crimp tool crimps, strips and cuts cable for 6 and 8 position modular plugs/connectors for your variety of network needs. ■ The crimp tool offers reliable, easy-to-use and affordable solution to meet immediate cutting needs. ■ This user friendly device works with any Ethernet or telephone cable. ■ Compact design with easy handle hand grips. ■ Built-in cutter and stripper function. ■ **Ratcheting Modular Crimper** ■ It has a ratchet mechanism to keep tool closed when not in use. ■ The Ratcheting Modular Crimper/Stripper is durably made from high-carbon steel for high performance. ■ It helps provide fast, reliable modular-crimp connector installation for RJ45 voice and data applications. 	pcs	2	1,500.00	3,000.00



	■Cuts, Strips and Crimps Twisted Pair, Ethernet, RJ45 Voice and Data Cables.				
51	UPS, Smart UPS, 2000VA	pcs	2	35,000.00	70,000.00
	Output Power Capacity: 325 Watts/650VA				
	Output Frequency: 50/60 Hz +/-1 Hz				
	Output Connections: (2) Universal Receptacle				
	Nominal Input Voltage: 230V				
	Input Connections: NEMA 5-15P				
	Maximum Input Current: 5A				
	Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof				
	Recharging Time: 4 Hours				
52	Microwave Oven, 20L	unit	1	5,000.00	5,000.00
	20-Liter				
	220V				
	Electronic Control				
	LCD Display				
	700w microwave power				
	6 autcook functions				
	Reheat and defrost capacity				
	Dimension: (h:w:d) 10.35 x 18 x 14 in				
	Warranty: One year on service, 2 years on parts				
53	Sliding Paper Cutter	unit	1	2,550.00	2,550.00
	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				
				TOTAL:	1,146,670.00

DILBERTO O. FERRAREN
 BAC Chairman