



## BID BULLETIN 01

**Date:** 28 June 2021

**Project Title:** Supply and Delivery of Office and I.T Equipment and Supplies  
(GOODS-21-33)

**Location:** VSU Main, Visca, Baybay City, Leyte

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

### I. LIST OF REQUIREMENTS

<b>(1st Envelope) TECHNICAL COMPONENT ENVELOPE</b>	
<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 884,260.00)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 884,260.00 and the largest of which should be at least Php 442,130.00.
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 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 1,768,520.00)
	Or
	Committed Line of Credit (at least Php 176,852.00)
<b>(2<sup>nd</sup> Envelope) FINANCIAL COMPONENT ENVELOPE</b>	
12	Original of duly signed and accomplished Financial Bid Form
13	Original of duly signed and accomplished Price Schedule(s)



**Please take note:**

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).

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

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

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

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



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

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

### III. Changes in the Bidding Documents

Original	Amendment
2. The <i>Visayas State University – Main Campus</i> now invites bids for the above Procurement Project. Delivery of the Goods is required by <i>forty-five (45) calendar days upon receipt of Notice to Proceed (NTP)</i> . Bidders should have completed, within <i>two (2) years</i> 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).	2. The <i>Visayas State University – Main Campus</i> now invites bids for the above Procurement Project. Delivery of the Goods is required by <b>Sixty (60)</b> calendar days upon receipt of Notice to Proceed (NTP). Bidders should have completed, within <i>two (2) years</i> 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).
5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>14 June – 05 July 2021 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.	5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>14 June – 05 July 2021 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.  <b>The Bidders may also deposit the applicable fee to Visayas State University Landbank Account:</b>  <b>Account Name:</b> Visayas State University Fund 164  <b>Account Number:</b> <a href="#">3572-1000-13</a>  And send the deposit slip to Ms. Jessamine C. Ecleo at <a href="mailto:jessamine.ecleo@vsu.edu.ph">jessamine.ecleo@vsu.edu.ph</a>



#### IV. Revised List of Goods and Technical Specifications

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

Item No.	Item Description & Specifications	QTY	Unit	ABC/Unit	Total ABC
1	<b>Mouse, Wired, Optical, USB</b>	4	pcs	210.00	840.00
	☐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				
2	<b>Computer HD Webcam</b>	101	pcs	1,000.00	101,000.00
	☐1080P Full HD Webcam				
	☐Lens: HD lens				
	☐Sensor Type: CMOS				
	☐Video Format: AVI				
	☐Frame Rate: at least 30FPS				
	☐Drive Type: free drive. Plug and play				
	☐Photo Format: BMP JPG				
	☐Resolution: 1920 * 1080 P				
	☐Output Format: M-JPEG				
	☐Interface Type: USB2.0				
	☐Microphone: Built-in microphone				
	☐Focusing Range: 20mm				
3	<b>UPS, 1000 VA</b>	2	pcs	3,000.00	6,000.00
	☐1000VA/600W capacity				
	☐Frequency Range: 60 Hz				
	☐Freq. Range (Batt. Mode): 60 Hz ± 1 Hz				
	☐Transfer Time: Typical 4-8 ms				
	☐Waveform (Batt. Mode): Simulated Sine Wave				
	☐Back-up Runtime: 10-15 mins				
	☐Voltage: 220 VAC				
	☐Voltage Range: 162-270 VAC				
4	<b>USB Hub, 4 gangs</b>	2	pcs	250.00	500.00
5	<b>Wi-fi Range Extender, 300Mbps</b>	1	pc	800.00	800.00
	☐External antennas for faster and more reliable Wi-Fi				
	☐Supports AP mode which creates a new Wi-Fi Access point				



	☐ Easily expand wireless coverage at a push of the Range Extender button				
	☐ Set the Power Schedule for the range extender for power-saving				
	☐ Works with Any Wi-Fi Router				
6	<b>Wi-Fi Mesh Router</b>	1	pc	5,000.00	5,000.00
	☐ IEEE 802.11ac/n/a 5 GHz				
	☐ IEEE 802.11n/b/g 2.4 GHz				
	☐ 5 GHz: 867 Mbps (802.11ac)				
	☐ 2.4 GHz: 300 Mbps (802.11n)				
	☐ 2× Antennas (Internal)				
	☐ Beamforming				
	☐ Dual-Band				
	☐ MU-MIMO				
	☐ Router Mode				
	☐ Access Point Mode				
	☐ Qualcomm CPU				
	☐ 2× 10/100 Mbps Ports				
	☐ WPA, WPA2 encryption				
	☐ SPI Firewall				
	☐ Access Control				
7	<b>Triband Mobile Signal Repeater, Cellphone Signal Booster Amplifier</b>	5	pcs	6,000.00	30,000.00
	☐ 70dB high gain triband signal booster, with AGC gain control function				
	☐ Support 850MHz + 900MHz + 1800MHz (band 3/5/8)				
	☐ Improving the voice calls and data transmission for 2G/3G/4G network				
	☐ Extensive coverage: 300-600 square meters (barrier-free)				
	☐ Compatible with multiple local operators, suitable for multiple phone users				
	☐ HD LCD, display real-time signal status, lower radiation				
8	<b>Headset with Noise Cancelling Mic</b>	100	pcs	1,800.00	180,000.00
	☐ Input Impedance: at least 32 Ohms				
	☐ Sensitivity (headphone): at least 94 dBV/Pa +/- 3 dB				
	☐ Sensitivity (microphone): -17 dBV/Pa +/- 4 dB				
	☐ Frequency response (Headset): 20 Hz - 20 KHz				
	☐ Frequency response (Microphone): 100 Hz - 10 KHz				
	☐ Cable Length: at least 7 ft				
	☐ Connections: USB-A compatible (1.1, 2.0, 3.0), USB port 1 Type A port or adapter				
9	<b>Blank DVD+RW 8x 4.7Gb w/indiv case</b>	50	pcs	50.00	2,500.00
10	<b>Ink, Epson 003, Genuine Black 65mL</b>	180	pcs	350.00	63,000.00
11	<b>Ink, Epson, genuine (C) T664, 70 ml</b>	60	pcs	350.00	21,000.00
12	<b>Ink, Epson, genuine, (BK) T664, 70 ml</b>	90	pcs	350.00	31,500.00
13	<b>Ink, Epson, genuine, (Y) T664, 70 ml</b>	60	pcs	350.00	21,000.00



14	<b>Ink, Epson, genuine (M) T664, 70 ml</b>	60	pcs	350.00	21,000.00
15	<b>Smart Phone, 128 GB ROM, 8GB RAM</b>	2	units	14,990.00	29,980.00
	▣Display Type: TFT				
	▣6.4 to 6.5 inches display				
	▣720 x 1600 pixels, 20:9 ratio (~270 ppi density)				
	▣Android 11, One UI 3.0				
	▣MediaTek MT6853 Dimensity 720 5G (7 nm) or higher				
	▣Octa-core (2x2.0 GHz Cortex-A76 & 6x2.0 GHz Cortex-A55) or higher				
	▣microSDXC (uses shared SIM slot)				
	▣Quad camera with At least 48 MP, f/2.0, 26mm (wide), 1/2.0", 0.8µm, PDA Fat least 8 MP, f/2.2, 123°, (ultrawide), 1/4.0", 1.12µmat least 5 MP, f/2.4, (macro)at least 2 MP, f/2.4, (depth)				
	▣At least 128GB storage, 8GB RAM or higher				
	▣Video: 4K@30fps, 1080p@30/120fps or higher				
	▣Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot				
	▣Yes, with A-GPS, GLONASS, GALILEO, BDS				
	▣USB Type-C 2.0, USB On-The-Go				
	▣At least Li-Po 5000 mAh, non-removable				
16	<b>Laptop, 13.3", Retina Display, M1 Chip</b>	1	unit	80,000.00	80,000.00
	▣13.3 inch (diagonal) LED-backlit display with IPS Technology: 2560 by 1600 native resolution at 227 pixels per inch with support for million of colors				
	▣400 nits brightness				
	▣Wide color (P3)				
	▣True tone technology				
	▣M1 chip: 8 core CPU with 4 performance cores and 4 efficiency cores, 8 core GPU, 16 core Neural Engine				
	▣Battery and Power: Up to 15 hours wireless web, Up to 18 hours Apple TV app movie playback, Built in 49.9 watt hour lithium polymer battery, 30W USB-C Power Adapter				
	▣Charging and Expansion Two Thunderbolt/ USB 4 ports with support for: with Display Port, Thunderbolt 3 (up to 49Gb/s), USB 4 (up to 40Gb/s), USB 3.1 Gen 2 (up to 10Gb/s)				
	▣Memory 512GB: 512GB unified memory Configurable to 1TB or 2TB				
	▣Keyboard and Trackpad Backlit Magic Keyboard with: 78 (US) or 79 (ISO) keys including 12 function keys and 4 arrows keys in an inverted T arrangement, Ambient light sensor, Force Touch trackpad for precise cursor control and pressure sensing capabilities: enables Force clicks, accelerators, pressure sensitive drawing and Multi-Touch gestures				
	▣with Touch ID Sensor				
	▣Wireless WiFi: 802.11 ax Wi-Fi 6 wireless networking, IEEE 802.11 a/b/g/n/ac compatible				
	▣with Bluetooth 5.0 wireless technology				
	▣with at least 720p Face Time HD camera				





	☑Video Support – Simultaneously supports full native resolution on the built-in display at millions of colors				
	☑Thunderbolt 3 digital video output: Native Display Port output over USB-C, VGA, HDMI, DVI, and Thunderbolt 2 output supported using adapters				
	☑Audio: Stereo speakers, Wide stereo sound, Support for Dolby Atmos playback, Three-mic array with directional beamforming, 3.5 mm headphone jack				
17	<b>External Hard Disk Drive (Portable, 2TB), USB 3.1</b>	4	pcs	4,200.00	16,800.00
	☑Shock-absorbing silicon casing				
	☑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				
18	<b>Desktop Computer (core i7 Branded)</b>	1	set	75,000.00	75,000.00
	☑CPU: 9th Gen Intel Core i7-9700 (8-Core, 12MB Cache, up to 4.7GHz with Intel Turbo Boost Technology) or higher				
	☑HDD: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive				
	☑RAM: 8GB (8GBx1) DDR4 2666MHz				
	☑Graphics: NVIDIA GeForce GTX 1650 4GB GDDR5				
	☑Screen: 23" IPS Monitor FHD				
	☑Optical Drive: No Optical Drive				
	☑OS: <i>licensed</i> Windows 10 Home Single Language (64bit) English				
19	<b>Solid State Drive, 1TB</b>	2	pcs	7,000.00	14,000.00
	☑Storage Capacity: 1TB				
	☑Interface: SATA III 6GB/s				
	☑Type: 2.5in				
	☑Sequential Reading Speed: 545MB/s				
	☑Sequential Writing Speed: 430MB/s				
20	<b>Desktop Computer, Apple-delete M1 Processor</b>	1	set	88,000.00	88,000.00
	☑M1 chip with 8-core CPU with 4 performance cores and 4 efficiency cores, 7-core GPU, 16-core Neural Engine				
	☑256GB SSD				
	☑8GB unified memory				
	☑24-inch 4.5K Retina display (4480-by-2520 resolution at 218 pixels per inch with support for 1 billion colors				
	☑500 nits brightness), Wide color (P3), True Tone technology				
	☑1080p HD camera with M1 image signal processor				
	☑Six-speaker sound system icon, High-fidelity six-speaker system with force-cancelling woofers				
	☑Wide stereo sound				
	☑Studio-quality three-mic icon, Studio-quality three-mic array with high signal-to-noise ratio and directional beamforming				



	☐DisplayPort				
	☐Thunderbolt 3 (up to 40Gb/s)				
	☐USB 4 (up to 40Gb/s)				
	☐USB 3.1 Gen 2 (up to 10Gb/s)				
	☐Thunderbolt 2, HDMI, DVI, and VGA supported using adapters (sold separately)				
	☐3.5 mm headphone jack				
	☐802.11ax Wi-Fi 6 wireless networking				
	☐IEEE 802.11a/b/g/n/ac compatible				
	☐Bluetooth 5.0 wireless technology				
	☐Magic Keyboard				
	☐Magic Mouse				
21	<b>Mirrorless Camera, 24MP APS-C</b>	1	set	50,000.00	50,000.00
	☐24.1MP APS-C CMOS Sensor				
	☐Digital Imaging Integrated Circuit (DIGIC) 8 Image Processor				
	☐UHD 4K and HD 720p120 Video Recording				
	☐Dual Pixel CMOS AF with Eye Detect AF				
	☐2.36m-Dot OLED Electronic Viewfinder				
	☐3.0" 1.04m-Dot Vari-Angle Touchscreen				
	☐Wi-Fi and Bluetooth; Webcam Capability				
	☐Extended ISO 51200, 10 fps Shooting				
	☐Combination 5-Axis Image Stabilization				
	☐Includes EF-M 15-45mm f/3.5-6.3 IS STM Lens				
22	<b>Tablet 10.9", 64GB, iPadOS-delete, Wifi + Cellular</b>	2	units	42,000.00	84,000.00
	☐64GB Storage Capacity				
	☐A14 Bionic chip with 64-bit architecture, Neural Engine				
	☐10.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology				
	☐2360-by-1640-pixel resolution at 264 pixels per inch (ppi)				
	☐Wide color display (P3)				
	☐True Tone display				
	☐Fingerprint-resistant oleophobic coating				
	☐Fully laminated display				
	☐Antireflective coating				
	☐12MP Wide camera				
	☐f/1.8 aperture				
	☐Five-element lens				
	☐Hybrid IR filter				
	☐4K video recording at 24 fps, 30 fps, or 60 fps				
	☐1080p HD video recording at 30 fps or 60 fps				
	☐Slo-mo video support for 1080p at 120 fps or 240 fps				
	☐7MP photos				
	☐f/2.2 aperture				





	☐1080p HD video recording at 60 fps				
	☐Wide color capture for photos and Live Photos				
	☐Smart HDR				
	☐Stereo speakers				
	☐Dual microphones for calls, video recording, and audio recording				
	☐802.11ax Wi-Fi 6; simultaneous dual band (2.4GHz and 5GHz); HT80 with MIMO				
	☐UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz)				
	☐Gigabit-class LTE (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 29, 30, 34, 38, 39, 40, 41, 66, 71)4				
	☐Bluetooth 5.0 technology				
	☐iPadOS 14-delete				
23	<b>Laptop 14" (i5)</b>	1	unit	44,000.00	44,000.00
	☐Processor: Intel Core i5-1035G1 Processor 1.0 GHz 6M Cache, up to 3.60 GHz or higher				
	☐Operating system: <b>Licensed</b> Windows 10 Home				
	☐Memory: 4GB Onboard memory, 1 x SO-DIMM socket (for expansion)				
	☐Display: 14.0" (16:9) LED-backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC				
	☐Video Processor: NVIDIA GeForce MX330 , with 2GB GDDR5 VRAM				
	☐Storage: 512GB PCIe Gen3 x2 SSD				
24	<b>Printer, Ink Tank, Print Only-delete 3 in 1 Print, Scan, Copy-added</b>	3	units	10,000.00	30,000.00
	☐Printing Technology: On-demand inkjet (Piezoelectric)				
	☐Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
	☐Print Direction: Bi-directional printing				
	☐Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
	☐Minimum Ink Droplet Size: 3 pl				
	☐Compact integrated tank design				
	☐High yield ink bottles				
	☐Spill-free, error-free refilling				
	☐Borderless printing up to 4R				
25	<b>Desktop Computer (i3)</b>	1	set	30,000.00	30,000.00
	☐Processor: Intel Core i3-9100 Processor (9M Cache, up to 4.10 GHz) or higher				
	☐Motherboard: Intel H310 Ultra Durable motherboard, Gaming LAN, Anti-Sulfur Resistor, LGA-1151				
	☐8GB DDR4 2400 DIMM Desktop Memory				
	☐SSD: 240GB				
	☐Keyboard and Mouse Combo				
	☐Casing with Power Supply				



	<input type="checkbox"/> Monitor: 18.5 inch, HD Ready (1366 X 768), TN Panel Connectivity Port: 1 VGA Port, 1 HDMI Port / Aspect Ratio: 16:9, Brightness (Typical): 200 cd/m2 / Refresh Rate: 60 Hz,				
	<input type="checkbox"/> Operating System: Genuine Windows 10 Home (OEM)				
	<input type="checkbox"/> AVR: 500W IC controlled				
26	<b>ATX Power Supply (500W)</b>	2	pcs	980.00	1,960.00
	<input type="checkbox"/> Single 6pin				
	<input type="checkbox"/> 24pin connector				
	<input type="checkbox"/> Dual 4pin for board				
	<input type="checkbox"/> 4 sata supply				
	<input type="checkbox"/> 4 molex supply				
27	<b>Computer Monitor 24", IPS</b>	2	pcs	10,000.00	20,000.00
	<input type="checkbox"/> Panel Size: Wide Screen 23.8"(60.5cm) 16:9				
	<input type="checkbox"/> Color Saturation : 72%(NTSC)				
	<input type="checkbox"/> Panel Type : In-Plane Switching				
	<input type="checkbox"/> True Resolution : 1920x1080				
	<input type="checkbox"/> Brightness(Max) : 250 cd/m				
	<input type="checkbox"/> Contrast Ratio (Max) : 1000:1				
	<input type="checkbox"/> Response Time : 5ms (Gray to Gray)				
	<input type="checkbox"/> Display Colors : 16.7M				
	<input type="checkbox"/> Flicker free				
28	<b>Monitor Stand, Dual Articulating, C-Clamp and Grommet Option</b>	1	pc	3,500.00	3,500.00
	<input type="checkbox"/> Material: Steel				
	<input type="checkbox"/> Supported Flat-Panel Screen Sizes: 13" to 32"				
	<input type="checkbox"/> Cable clips keep cables organized and protected				
	<input type="checkbox"/> Max Load: 8 kg / 17.6lbs				
	<input type="checkbox"/> Clamp: 10-88mm (table thickness)				
	<input type="checkbox"/> Grommet: 10-75mm (table thickness)				
	<input type="checkbox"/> VESA: 75x75,100x100				
	<input type="checkbox"/> Tilt Range:+45°~-45°				
	<input type="checkbox"/> Swivel Range:+90°~-90°				
	<input type="checkbox"/> Screen Rotation:+180°~-180°				
	<input type="checkbox"/> Installation: Grommet, Clamp				
29	<b>Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)</b>	3	units	8,000.00	24,000.00
	<input type="checkbox"/> Tank Ink System				
	<input type="checkbox"/> Printer Type: Print, Scan and Copy				
	<input type="checkbox"/> Scanner Type: Flatbed colour image scanner				
	<input type="checkbox"/> Sensor Type: CIS				
	<input type="checkbox"/> Optical Resolution: 600 x 1200 dpi				
	<input type="checkbox"/> Copy Speed: Maximum Copies from Standalone: 20 copies				
	<input type="checkbox"/> Maximum Copy Size: A4, Letter				
	<input type="checkbox"/> ISO 29183, A4 Simplex Flatbed (Black / Colour): Up to 7.0 ipm / 1.7 ipm				



	☐Max Copy Resolution: 300 x 300 dpi				
	☐Paper Handling: Up to 20 Sheets-Premium Glossy Photo Paper 10 Sheets-Envelope, 30 Sheets-Postcard				
	☐Output Capacity: Up to 30 sheets				
	☐A4 plain paper: 20 sheets, Premium Glossy Photo Paper				
	☐Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")				
	☐Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
	☐Print Direction: Bi-directional printing				
	☐Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
	☐Minimum Ink Droplet Size: 3 pl				
30	<b>Ribbon Cartridge EPSON S015639</b>	10	pcs	165.00	1,650.00
	☐Ribbon Cartridge S015639 for EPSON LQ-310 printer				
31	<b>HP Ink Cartridge 678 Black</b>	5	pcs	450.00	2,250.00
32	<b>HP Ink Cartridge 678 Tricolor</b>	10	pcs	450.00	4,500.00
33	<b>Computer ribbon, EPSON SO15531/15086, Genuine</b>	10	pcs	765.00	7,650.00
34	<b>Computer Printer, All-in-One/Multifunction Colored-Ink Tank</b>	3	units	11,000.00	33,000.00
	☐Ultra-low-cost printing: Print up to 8,100 pages in black and 6,500 in colour				
	☐Next generation ink filling system: Enjoy hassle and mess-free refills with the enhanced ink bottles				
	☐Wi-Fi, Wi-Fi Direct & apps: Print from mobile devices				
	☐3-in-1: Print, copy & scan and borderless photo printing				
	☐Nozzle Configuration: 180 Nozzles Black, 59 Nozzles per Color				
	☐Minimum Droplet Size: 3 pl, With Variable-Sized Droplet Technology				
	☐Ink Technology: Dye Ink				
	☐Printing Resolution: 5,760 x 1,440 DPI				
35	<b>UPS, at least 800 watts</b>	1	pc	5,000.00	5,000.00
36	<b>Flash Drive, at least 32GB USB 3.0</b>	4	pcs	800.00	3,200.00
37	<b>LCD Projector, XGA (1024x768)</b>	1	unit	27,000.00	27,000.00
	☐Projection System: 3LCD Technology, RGB liquid crystal shutter				
	☐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				
38	<b>Laptop 14" (i3)</b>	1	unit	33,000.00	33,000.00
	☐ Processor : Intel Core i3-1005G1 Processor 4M Cache, up to 3.40 GHz or higher				
	☐ Operating System : <b>Licensed</b> Windows 10 Home				
	☐ 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				
39	<b>Web Camera for Laptop and Desktop</b>	7	pcs	720.00	5,040.00
	☐ About 360 degrees, rotate up and down 45 degrees, you can adjust the angle.				
	☐ With clips for laptops and desktops.				
	☐ Sensor pixels: 2 million				
	☐ Interface: USB 2.0				
	☐ Frame rate: 30 FPS				
	☐ Image sensor: CMOS				
	☐ Brightness/color: automatically adjusts				
	☐ Additional features: built-in microphone				
40	<b>Headset (Wired), Generic Over the Ear with mic</b>	7	sets	250.00	1,750.00
	☐ Line is equipped with a rotary volume controller, one key Mic mute,				
	☐ Frequency Range: 20-20K(Hz)				
	☐ Sensitivity: -52(dB)				
	☐ Impedance: 32(Ohm)				
	☐ Speaker Diameter: 40(mm)				
	☐ Distortion Rate: 0.8%				
	☐ Plug Diameter: 3.5mm				
41	<b>Desktop Computer (Assembled), Intel Core i5</b>	3	sets	60,000.00	180,000.00
	☐ Intel® Core™ i5-10400 Processor 12M Cache, up to 4.30 GHz (6 Cores and 12 Threads) or higher				
	☐ Intel H470 Chipset Ultradurable mATX Motherboard				
	☐ 16GB Kit (2 x 8GB) DDR4-3200 Desktop Gaming Memory				
	☐ 500GB NVME Solid State Drive				
	☐ mATX Casing with 650W PSU 80 PLUS GOLD				
	☐ Genuine <b>licensed</b> Windows 10 Home Operating System				
	☐ Gaming Keyboard and Optical Mouse				
	☐ 27" IPS Monitor with Frameless Bezel (Full HD with 75Hz Refresh Rate)				
	☐ 325WATTS/650VA Battery Backup & Surge Protector UPS				



42	<b>Desktop Computer (i5)</b>	2	sets	45,000.00	90,000.00
	☐Processor:				
	◀Intel Core i5 9400F or higher				
	☐Motherboard:				
	◀Intel H310 Chipset				
	◀Anti-Sulfur Resistors Design				
	◀Gaming LAN with Bandwidth Management				
	☐Memory:				
	◀16GB (2x8) DDR4 or higher				
	☐SSD: 500GB M.2,				
	☐Optical Drive: DVD-RW				
	☐Casing: W/ 700W PSU,				
	☐Monitor: 23" IPS FHD,				
	☐Operating System:				
	◀Genuine <i>Licensed</i> Windows 10 Home (OEM)				
	☐Keyboard and mouse combo				
	☐500W IC controlled AVR <i>with 650VA UPS</i>				
	☐Stereo speakers				
43	<b>Lapel Voice Amplifier</b>	1	pc	800.00	800.00
	☐Compact, portable and lightweight				
	☐Lithium-ion power body-pack amplifier				
	☐Power Output: 30W				
	☐Mode: USB/MP3/FM				
	☐Charger Voltage: 10V 450mA				
	☐Frequency response: 100Hz-10KHz±3dB				
	☐Set of: 1 Voice Amplifier, 1 Power Adaptor, 1 Headset Microphone, 1 Body-pack case, 1 Belt Strap, 1 User Manual				
44	<b>Netbook Laptop, Intel Celeron</b>	1	unit	15,000.00	15,000.00
	☐Intel® Celeron® Processor N3350 , up to 2.4GHz				
	☐Intel HD Graphics 500 GPU				
	☐14.1 inch HD resolution				
	☐4GB RAM for Advanced Multitasking				
	☐128GB EMMC Storage Capacity				
	☐38000mWh Large Battery				
	☐Mini-HDMI Output & Two standard USB 3.0 Slot				
45	<b>Smartphone, 6GB RAM, 64GB ROM, Snapdragon 732</b>	1	unit	13,000.00	13,000.00
	☐6GB RAM				
	☐64GB ROM				
	☐108MP Quad Camera				
	☐6.67" AMOLED 120Hz DotDisplay				
	☐Snapdragon 732				
	☐5020 mAh battery 33W Fast Charging				
46	<b>Android Smartphone</b>	1	unit	7,000.00	7,000.00



	☐Specification:				
	—Chipset: Mediatek Helio G80 (12 nm)				
	—Operating system: Android 10				
	—ROM: at least 32 GB				
	—RAM: at least 3GB				
	—Screen Type: IPS LCD, at least 400 nits				
	—Camera Front : at least 8 MP				
	—Primary(Back) Camera Resolution at least 13MP				
	—Resolution: at least 1080 x 2340 pixels				
	—SIM: Dual SIM (Nano-SIM, dual stand-by)				
47	<b>Wireless Access Point</b>	2	units	9,900.00	19,800.00
	☐Dimensions 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29")-delete				
	☐Weight-delete				
	☐With Mounting Kits-delete				
	☐300 g (10.6 oz)-delete				
	☐315 g (11.1 oz)-delete				
	☐Networking Interface (1) 10/100/1000 Ethernet Port				
	☐Buttons Reset				
	☐Power Method 802.3af PoE				
	☐Power Supply UniFi Switch (PoE)				
	☐Power Save Supported				
	☐Beamforming Supported				
	☐Maximum Power Consumption 10.5W				
	☐Supported Voltage Range 44 to 57VDC				
	☐TX Power				
	☐2.4 GHz				
	☐5 GHz				
	☐23 dBm				
	☐26 dBm				
	☐MIMO				
	☐2.4 GHz				
	☐5 GHz				
	☐2x2				
	☐4x4				
	☐Radio Rates				
	☐2.4 GHz				
	☐5 GHz				
	☐300 Mbps				
	☐1733 Mbps				
	☐Antennas				
	☐2.4 GHz				
	☐5 GHz				





	☐(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each				
	☐(2) Single-Port, Dual-Polarity Antennas, 3 dBi each				
	☐Wi-Fi Standards 802.11 a/b/g/n/r/k/v/ac/ac-wave2				
	☐Wireless Security WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF				
	☐BSSID 8 per Radio				
	☐Mounting Wall/Ceiling (Kits Included)				
	☐Operating Temperature -10 to 70° C (14 to 158° F)				
	☐Operating Humidity 5 to 95% Noncondensing				
	☐Certifications CE, FCC, IC				
	☐Advanced Traffic Management				
	☐VLAN 802.1Q				
	☐Advanced QoS Per-User Rate Limiting				
	☐Guest Traffic Isolation Supported				
	☐WMM Voice, Video, Best Effort, and Background				
	☐Concurrent Clients 200+				
	☐Supported Data Rates (Mbps)				
	☐Standard Data Rates				
	☐802.11a 6, 9, 12, 18, 24, 36, 48, 54 Mbps				
	☐802.11n 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)				
	☐802.11ac 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)				
	☐58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)				
	☐802.11b 1, 2, 5.5, 11 Mbps				
	☐802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps				
	☐Should be compatible with existing UniFi Controller				
48	<b>GPS NAVIGATOR</b>	1	unit	8,000.00	8,000.00
	☐Physical Dimensions:2.1" x 4.0" x 1.3" (5.4 x 10.3 x 3.3 cm)-delete				
	☐Display Size:1.4" x 1.7" (3.6 x 4.3 cm); 2.2" diag (5.6 cm)				
	☐Display Resolution:128 x 160 pixels				
	☐Display Type:transflective, monochrome				
	☐Battery Type:2 AA batteries (not included); NiMH or Lithium recommended				
	☐Battery Life: 25 hours				
49	<b>Air Condition Non-Inverter Window type 0.5HP, Standard size</b>	1	unit	14,500.00	14,500.00
	☐at most 600 Watts				
	☐cooling capacity: at least 5000 Kilo joules per hour				
	☐at least EER 10.0				
50	<b>Air condition, split type, Inverter, 1HP</b>	1	unit	40,000.00	40,000.00
	☐Cooling capacity: at least 9,400 kj/hr				
	☐wall mounted				
	☐EER rating above 10				
	☐with remote control				



	☑with one year warranty on parts and services				
	☑with free installation				
51	<b>Blender, 1.5 L</b>	2	pcs	1,500.00	3,000.00
	☑Blender · Countertop Blender · Variable Speed				
	☑Glass type blender-250 Watts-1.5 Liter Capacity-4 speed function-Dry grinds spices, peas and fruits Astron				
52	<b>Water Dispenser, Cabinet type</b>	2	units	10,000.00	20,000.00
	☑Floor standing				
	☑Hot and cold function				
	☑plastic body,high efficiency compressor				
	☑thermally protected				
53	<b>Portable Trolley Speaker</b>	1	unit	8,000.00	8,000.00
	—LED Lights				
	—2 Wireless				
	—Microphone				
	—Built-in-Battery				
	—USB				
	—Bluetooth / NFC				
	—FM				
	—Line-in Guitar				
	—Input / Mic				
	—Remote Control				
	—Rechargeable				
	—Battery				
	—Power: 500W				
54	<b>Smart Television 65"</b>	2	unit	75,000.00	150,000.00
	☑Screen Size: 65"				
	☑Resolution: 3,840 × 2,160				
	☑Picture Engine: UHD Upscaling				
	☑Motion Rate: 120				
	☑PQI (Picture Quality Index): 1400				
	☑with HDR (High Dynamic Range)				
	☑Dynamic Contrast Ratio: Mega Contrast				
	☑Micro Dimming: UHD Dimming				
	☑PurColor, Auto Depth Enhancer				
	☑Auto Motion Plus, Film Mode				
	☑Dolby Digital Plus, DTS Codec				
	☑Sound Output (RMS): 20W				
	☑Speaker Type: 2CH(Down Firing w/Bass Reflex)				
	☑Multiroom Link, Web Browser, Smart View				
	☑TV to Mobile – Mirroring				
	☑Mobile to TV - Mirroring, DLNA				
	☑360 Video Player, WiFi Direct, Analog Clean View				



	☐Digital Broadcasting: ISDB-T				
	☐with Analog Tuner				
	☐HDMI: 3				
	☐USB: 2				
	☐with Ethernet (LAN)				
	☐Digital Audio Out (Optical): 1				
	☐RF In (Terrestrial / Cable input): 1/1(Common Use for Terrestrial)/0				
	☐HDMI A / Return Ch. Support				
	☐HDMI Quick Switch, Wireless LAN Built-in, Anynet+ (HDMI-CEC)				
	☐Slim Type: Slim				
	☐Processor: Quad Core				
	☐Digital Clean View, Auto Channel Search, Auto Power Off				
	☐Power Supply: AC100-240V 50/60Hz				
	☐Power Consumption (Max): 265W				
	☐Accessory: Remote Controller				
	☐Batteries, Mini Wall Mount Support, Vesa Wall Mount Support, User Manual				
	☐E-Manual, Power Cable, Slim Gender Cable				
		<b>TOTAL ABC (this project):</b>			<b>1,768,520.00</b>

Sgnd  
**DILBERTO O. FERRAREN**  
BAC Chairman