



Republic of the Philippines
VISAYAS STATE UNIVERSITY
 Visca, Baybay City, Leyte



TF-2021-09-00939

PURCHASE REQUEST

Dept./Office: PCC

PR #: TF-2021-09-00939

Date: 09-10-2021

Section/End-User: Mariles V. Bulawan

Category: IT Supplies and Equipment

Funding Source: Trust Fund

Project Title/Code: PCC-407

64 1348
 91517

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1 GBPS SFP Single mode Module	unit	2	10,000.00		20,000.00

Specification:

21G SFP LC LX 10KM SMF XCVR, must be compatible with ARUBA and HPE Switches

2	Canon GI-790 Ink, Black	btl	6	450.00		2,700.00
3	Canon GI-790 Ink, Magenta	btl	6	450.00		2,700.00
4	Canon GI-790 Ink, Yellow	btl	6	450.00		2,700.00
5	Canon GI-790 Inks, Cyan	btl	6	450.00		2,700.00
6	Cat6 UTP Cable	spool	2	8,000.00		16,000.00

Specification:

Cat6 UTP Cable 4 pairs (Genuine ISO/ UL Certified cable) 1000ft/ Spool

7	CCTV IP Camera	piece	3	3,192.00		9,576.00
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Specification:

22MP WDR, with Built-in Mic
 212v, DC
 230m IR range,
 21920x1080 Max. Resolution
 2Dome Type
 22.8/4mm fixed lens

8	Data Cabinet, 9U	unit	1	10,000.00		10,000.00
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Specification:

9U Wall Mount Network Server Data Cabinet Enclosure Rack Glass Door Lock w/ Fan

Feature:

- Solid construction
- Easy to install, no assembly required
- Compact design
- Includes one ceiling fan for cooling
- 2 removable side panels with key locks
- Top open brackets for cable and wire access
- Fits standard 19" rack-mount equipment
- Maximum rail depth of 13"

- Total usable space of 16.7 front to back

Specifications:

- Color: black
- Enclosure material: steel
- Weight: 45 lbs
- Dimension: 21.77 x 17.77 x 21.77 (L x W x H)
- Thickness of pillar: 2mm
- Thickness of armored glass: 5mm
- Rack u height: 9
- Package includes:
- 1 X Network Cabinet
- 2 X Keys
- 1 X Screws Set

9	Epson FX1170, Ribbon Cartridge	box	2	600.00	1,200.00
10	External Hard Disk Drive (Portable, 4TB), USB 3.1	unit	3	7,000.00	21,000.00

Specification:

- ? Shock-absorbing silicon casing
- ? Interface: USB 3.1 (Max.5Gb/s)
- ? Capacity: 4TB
- ? 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

11	Fiber Optic Cable Single Core	meters	1000	8.00	8,000.00
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Specification:

Fiber Optic Cable single core with double messenger pre-terminated SC both ends

12	Ink Cartridge, HP680, black	pcs	10	465.00	4,650.00
13	Ink Cartridge, HP680, tri color	pcs	10	465.00	4,650.00
14	Ink Cartridge, HP704, black	pcs	20	595.00	11,900.00
15	Ink Cartridge, HP704, tri color	pcs	20	595.00	11,900.00
16	Ink, Epson, genuine (C) T664, 70 ml	pieces	5	350.00	1,750.00
17	Ink, Epson, genuine (M) T664, 70 ml	pieces	5	350.00	1,750.00
18	Ink, Epson, genuine, (BK) T664, 70 ml	pieces	5	350.00	1,750.00
19	Ink, Epson, genuine, (Y) T664, 70 ml	pieces	5	350.00	1,750.00
20	Media Converter, SC Single Core	pair	1	1,600.00	1,600.00

Specification:

1 Pair Media Converter (A/B), Fiber Optical Single Mode Single Fiber SC Port

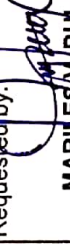
25KM External Power Supply 1G Fiber Converter

21	Printer, All-in-One Wireless Ink Tank Color	unit	2	10,500.00	21,000.00
Specification:					
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 • Gradation (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, PIXMA Cloud Link, Apple AirPrint					
22	Printer, Ink Tank, Print Only	unit	3	8,000.00	24,000.00
Specification:					

23	VOIP Phone	unit	2	6,000.00	12,000.00
Specification: ?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 ?-law) ?G.726 (16/24/32/40 kbps) ?G.729 A ?G.722 ?Dynamic payload support ?Adjustable audio frames per packet					

24	?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, SUBSCRIBE ?Caller ID support (name and number) ?Third-party call control (RFC 3725) ?Should be compatible with existing fleet of VSU IP Phones				9,900.00
	Wireless Access Point	unit	1	9,900.00	9,900.00
Specification:					
?Dimensions 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29") ?Weight ?With Mounting Kits ?300 g (10.6 oz) ?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 ?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					

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| ?(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 (WPAWPA2, 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 | |

								TOTAL	205,176.00
Purpose: For Internet connection, printing of reports and other center operation use.									
Checked by:	 MICHAEL ANTHONY JAY B. REGIS Funds Available: NICK FREDDY R. BELLO 								
TWG - IT Supplies and Equipment									
Requested by:	 MARILES W. BULAWAN			Noted by:			 FRANCISCO G. GABUNADA JR.		
Designation:	END USER						Approved by:  EDGARDO E. TULIN PRESIDENT, VSU		