



GF-2020-10-00002

PPMP #: 70-5-850-2021-8-0-2



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

PURCHASE REQUEST

Dept./Office: **UCC**PR #: **GF-2020-10-00002/0913**Date: **10-09-2020**Section/End-User: **Norman O. Villas**Category: **IT Supplies and Equipment**Funding Source: **General Fund - MOOE**Project Title/Code: **MIS Tier 2**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1 GBPS SFP Single mode Module	unit	20	10,000.00		200,000.00
Specification: 1G SFP LC LX 10KM SMF XCVR, must be compatible with ARUBA and HPE Switches						
2	All-in-One Ink Tank Printer Wi-Fi Duplex with ADF	unit	30	18,000.00		540,000.00
Specification: Compact integrated tank design / Print speeds up to 15ipm for black and 8.0ipm for colour / Auto-duplex printing Fax and ADF capability / Ethernet & Wi-Fi Direct / Borderless Printing up to A4 size / Spill-free ink refilling Control Panel: 2.4 " Colour LCD Touch Panel						
3	Printer, Tank Ink System, 3 in 1 (Print, Scan, Copy)	unit	100	8,000.00		800,000.00
Specification: Tank Ink System Printer Type: Print, Scan and Copy Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 600 x 1200 dpi Copy Speed: Maximum Copies from Standalone: 20 copies Maximum Copy Size: A4, Letter ISO 29183, A4 Simplex Flatbed (Black / Colour):						

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")

Paper Size: Legal, Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm), 5 x 7", 4 x 6", Envelopes: #10, DL, C6

Print Margin: 0 mm top, left, right, bottom via custom settings in printer driver

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

Printer Language: ESC / P-R

4	SIP VOIP Phone	unit	100	6,000.00	SEAN O. VILLAGONZALO	600,000.00
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Specification:

1-Line PoE+ SIP VOIP Phone SPA MAC address (IEEE 802.3)

- 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)

- 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
- 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

- 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)

5	UPS with Network Management card	unit	100	7,000.00		700,000.00
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Specification:

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

6	VOIP Phone	unit	100	6,000.00		600,000.00
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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)

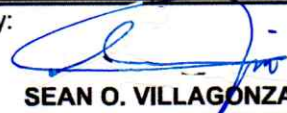
- TCP (RFC 793)
- User Datagram Protocol (UDP) (RFC 768)
- Real-Time Transport Protocol (RTP) (RFC 1889, 1890)
- Real-Time Control Protocol (RTCP) (RFC 1889)
- Differentiated Services (DiffServ) (RFC 2475)
- Type of service (ToS) (RFC 791, 1349)
- VLAN tagging 802.1p/Q: Layer 2 quality of service (QoS)
- 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
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- SIP support in NAT networks (including STUN)
- SIPFrag (RFC 3420)
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- Codec name assignment
- Voice algorithms:
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 - G.729 A
 - G.722
- Dynamic payload support
- Adjustable audio frames per packet
- Dual-tone multifrequency (DTMF), in-band and out-of-band (RFC 2833) (SIP INFO)
- Flexible dial plan support with interdigit timers
- IP address/URI dialing support
- Call progress tone generation
- Jitter buffer: adaptive
- Frame loss concealment

- Comfort Noise Generation (CNG)
- Voice activity detection (VAD) with silence suppression
- Attenuation/gain adjustments
- VMWI - Voicemail Waiting Indicator, via NOTIFY, SUBSCRIBE
- Caller ID support (name and number)
- Third-party call control (RFC 3725)

Should be compatible with existing fleet of VSU IP Phones

	TOTAL					3,440,000.00
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Purpose: FOR MIS 2021

Checked by:  DIONESIO I. ESTUPA		Funds Available:  MYRNA S. PANCITO	
TWG - IT Supplies and Equipment		HEAD, BUDGET OFFICE 	
Signature:	Requested by:  NORMAN O. VILLAS	Noted by:  SEAN O. VILLAGONZALO	Approved by:  EDGARDO E. TULIN
Printed Name:	NORMAN O. VILLAS	SEAN O. VILLAGONZALO	EDGARDO E. TULIN
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU