



PURCHASE REQUEST

Dept./Office: **RERC**PR #: **GF-2021-09-01000**Date: **09-14-2021**Section/End-User: **SUSANA B. MIÑOZA**Category: **IT Supplies and Equipment**Funding Source: **General Fund - MOOE**Project Title/Code: **RERC-OC (Overhead Cost)**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Ink, Epson 003,Genuine Black 65mL	btl	4	350.00		1,400.00
2	Ink, EPSON 003,Genuine Cyan 65mL	btl	4	350.00		1,400.00
3	Ink, EPSON 003,Genuine Magenta 65mL	btl	4	350.00		1,400.00
4	Ink, EPSON 003,Genuine Yellow 65mL	btl	4	350.00		1,400.00
5	Ink, Epson, genuine, (BK) T664, 70 ml	pieces	6	350.00		2,100.00
6	UPS, at least 800 watts	unit	3	5,000.00		15,000.00
7	VOIP Phone	unit	1	6,000.00		6,000.00

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
 ?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

8	Web Camera for PC	unit	3	2,500.00		7,500.00
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Specification:

?Image sensor: 1 / 2.9
 ?Lens: 3.6mm/75.7 °
 ?Effective pixel: 1932 (H) * 1088 (V)
 ?Horizontal resolution: 2MP
 ?SNR: > 50dB
 ?Video stream: H.264:1920 * 1080 / 1920 * 720 / 640 * 360 MJPEG: 1920 * 1080 / 1920 * 720 / 640 * 360
 ?Video Frame rate: 25FPS / 30FPS
 ?Electronic shutter: Auto
 ?Protocol: UVC / UVA
 ?Video output: USB video stream
 ?Working voltage: DC5V / 160mA ± 6mA
 ?Working environment: -20 ? to 60 ?

9	Windows 10 Operating System	Licenses	2	10,000.00		20,000.00
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Specification:

?Genuine Windows 10 Volume License

	TOTAL					56,200.00
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Purpose: For office use

Checked by:		Funds Available:	
MICHAEL ANTHONY JAY B. REGIS		ALICIA M. FLORES	
TWG - IT Supplies and Equipment		HEAD, BUDGET OFFICE	
Signature:	Requested by:	Noted by:	Approved by:
Printed Name:	SUSANA B. MIÑOZA	ROBERTO C. GUARTE	EDGARDO E. TULIN
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU