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

GF-2021-11-01484

# PURCHASE REQUEST

Dept./Office: **OVPREI**

Section/End-User: **Marilou L. Sta. Iglesia**

Funding Source: **General Fund - MOOE**

PR #: **GF-2021-11-01484**      Date: **11-04-2021**

Category: **IT Supplies and Equipment**

Project Title/Code: **OVPREI.A.III.C (Overhead Cost)**

| Item # | Item Description | Unit | Qty | Unit Cost | PAR/ICS | Total Cost |
|---|---|---|---|---|---|---|
| 1 | VOIP PHONE Specs. | unit | 2 | 6,000.00 | | 12,000.00 |

**Specification:**

?Data networking

?MAC address (IEEE 802.3)

?IPv4 (RFC 791)

?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)

?Voice gateway

?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)

?Provisioning, administration, and maintenance

?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

?Power supply

?1Power supply is optional and is purchased separately

?Models: Cisco PA100-NA, PA100-EU, PA100-UK, PA100-AU

?Switching type (100-240V) automatic

?DC output voltage: +5 VDC at 2.0A maximum

?Power adapter: 100-240V 50-60 Hz (26-34 VA) AC input

?Physical interfaces

?Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)

?Handset: RJ-9 connector

?Built-in speakerphone and microphone

?Headset 2.5mm jack

?Indicator lights/LEDs

?Speakerphone on/off button with LED

?Headset on/off button with LED

?Mute button with LED

?Message waiting LED

?Body dimensions (W x H x D)

?8.42 x 8.35. x 1.73 in. (214 x 212 x 44 mm)

?Unit weight

?2.00 lb ( 0.9 kg)

?Operating temperature

?32° ~ 104°F (0° ~ 40°C)

?Storage temperature

?-4° ~ 158°F (-20° ~ 70°C)

?Operating humidity

?5% to 95% noncondensing

?Storage humidity

?5% to 95% noncondensing

?Should be compatible with existing fleet of VSU IP Phones

| | | TOTAL | | | | | | | | 12,000.00 |
|---|---|---|---|---|---|---|---|---|---|---|

Purpose: for office use

| Checked by:                                         | Funds Available:                                |
|-----------------------------------------------------|-------------------------------------------------|
| **DIONESIO I. ESTUPA**                              | **ALICIA M. FLORES**                            |
| TWG - IT Supplies and Equipment                     | HEAD, BUDGET OFFICE                             |

| | Requested by: | Noted by: | Approved by: |
|---|---|---|---|
| Signature: | | | |
| Printed Name: | **MARILOU L. STA. IGLESIA** | **MA. JULIET C. CENIZA** | **EDGARDO E. TULIN** |
| Designation: | END USER | UNIT HEAD, PROJECT LEADER | PRESIDENT, VSU |