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PR-2023-1004-148819



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

PURCHASE REQUEST

PPMP No. : **9-5-188-2023-8-0-11**PR No.: **GF-2023-10-02493**Date: **10-04-2023**Dept./Office: **DFST**Category: **IT Supplies and Equipment**Duration: **2023-07-01**Section/End-User: **Ivy C. Emnace**

to

2023-12-31Funding Source: **General Fund - MOOE**Project Title/Code: **VSU-IP-2023-09**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Laptop	unit	1	49,999.00		49,999.00

Specification:

Operating System

Operating System

- Windows 11 Home Single Language

Operating System Architecture

- 64-bit

Processor

Processor Manufacturer

- Intel®

Processor Type

- Core™ i5

Processor Model

- i5-12500H

Processor Speed

- 2.50 GHz

Processor Core

- Dodeca-core (12 Core™)

Processor Generation

- 12th Gen

Display & Graphics

Graphics Controller Manufacturer

- NVIDIA®

Graphics Controller Model

- GeForce® RTX™ 3050

Graphics Memory Capacity

- 4 GB

Graphics Memory Technology

- GDDR6

Graphics Memory Accessibility

- Dedicated

GPU Boost Clock

- Up to 1600 MHz

Maximum Graphics Power

- Up to 95 W

Screen Size

- 39.6 cm (15.6")

Display Screen Type

- LCD

Backlight Technology

- LED

Screen Resolution

- 1920 x 1080

Standard Refresh Rate

- 144 Hz

Memory

Total Installed System Memory

- 8 GB

System Memory Technology

- DDR4 SDRAM

Memory Card Reader

- No

Storage

Total Solid State Drive Capacity

- 512 GB

Solid State Drive Interface

- PCI Express

Optical Drive Type

- No

Network & Communication

Wireless LAN Standard

- IEEE 802.11 a/b/g/n/ac/ax

Wireless LAN Model

- Wi-Fi 6 AX 1650i

Ethernet Technology

- Gigabit Ethernet

Bluetooth Standard

- Bluetooth 5.1 or above

Built-in Devices

Microphone

- Yes

Finger Print Reader

- No

Interfaces/Ports

HDMI

- Yes

Number of HDMI Outputs

- 1

Number of USB 3.2 Gen 1 Type-A Ports

- 1

Number of USB 3.2 Gen 2 Type-A Ports

- 2

Number of USB 3.2 Gen 2 Type-C Ports

- 1

Total Number of USB Ports

- 4

USB Type-C

- Yes

USB Type-C Detail

- USB Type-C port supporting: USB 3.2 Gen 2 (up to 10 Gbps), DisplayPort over USB-C, Thunderbolt 4, USB charging 5 V; 3 A, DC-in port 20 V; 65 W

Network (RJ-45)

- Yes

Input Devices

Pointing Device Type

- TouchPad

Keyboard

- Yes

Keyboard Backlight

- Yes

TouchPad Features

- Multi-touch Gesture

Battery Information

Number of Cells

- 4-cell

Battery Chemistry

- Lithium Ion (Li-Ion)

Battery Energy

- 57.50 Wh

Power Description

Maximum Power Supply Wattage

- 180 W

Physical Characteristics

Height

- 26.90 mm

Height (Front)

- 25.90 mm

Height (Rear)

- 26.90 mm

Width

- 360.4 mm

Depth

- 271.1 mm

Weight (Approximate)

- 2.50 kg

Product Color

- Obsidian Black

Miscellaneous**Package Contents**

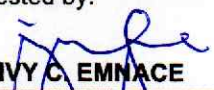
- Nitro 5 AN515-58-50YE Gaming Notebook
- Lithium Ion Battery
- AC Adapter

Security Features

- Firmware Trusted Platform Module (TPM) solution
- Kensington lock slot
- BIOS Passwords:
 - User
 - Supervisor

	TOTAL					49,999.00
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Purpose: Project

Checked by:  DIONESIO I. ESTUPA		Funds Available:  ALICIA M. FLORES	
TWG - IT Supplies and Equipment		HEAD, BUDGET OFFICE	
Signature: 	Requested by: 	Noted by: 	Approved by: 
Printed Name: IVY C. EMNACE	Printed Name: IVY C. EMNACE		Printed Name: EDGARDO E. TULIN
Designation: END USER	Designation: UNIT HEAD, PROJECT LEADER		Designation: PRESIDENT, VSU