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PR-2023-0503-114766



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

PURCHASE REQUEST

PPMP No. : 33-5-2630-2023-9-0-1

PR No.: GF-2023-05-00781

Date: 05-03-2023

Dept./Office: CET

Category: IT Supplies and
Equipment

Duration: 2022-07-01

Section/End-User: Mirzi Olga P. Degracia

to

2024-12-31

Funding Source: General Fund - MOOE

Project Title/Code: VSU-IP-2022-7

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	3D Printer Filament (ABS)	pcs	1	2,000.00		2,000.00
Specification: ?Mass: 1 KG (approximately 2.20 lbs) Spool ?Filament Diameter: 1.75mm (Dimensional Accuracy +/- 0.03m) ?Extrusion/Nozzle Temperature: 210°C - 240°C (410°F - 464°F) ?Spool Diameter: 7.88" ?Spool Width: 2.69" ?Spool Hub Hole Diameter: 2.20" ?Color: Black ?Material Type: ABS						
2	3D Printer Filament (PLA)	kgs	1	2,000.00		2,000.00
Specification: Color: Black Printer: FDM (Fused Deposition Modeling) 3D Printer						
3	External Hard Drive, 1 TB	unit	2	3,000.00		6,000.00
Specification: Transcend TS1TSJ25M3 Slim 1TB Portable Hard Drive (Green) with 3 YEARS <ul style="list-style-type: none"> Capacity: 1TB Connection interface: USB 2.0/3.0 Storage Media: 2.5" SATA HDD Op. Voltage: USB DC 5V Size :129.5mm x 82.4mm x 20.4mm Weight: 216g 						
4	Ink, Epson, genuine (C) T664, 70 ml	pieces	3	350.00		1,050.00
5	Ink, Epson, genuine (M) T664, 70 ml	pieces	3	350.00		1,050.00

6	Ink, Epson, genuine, (BK) T664, 70 ml	pieces	5	350.00		1,750.00
7	Ink, Epson, genuine, (Y) T664, 70 ml	pieces	3	350.00		1,050.00
8	Raspberry Pi 3 Model B+ Starter Kit PKG-2C	set	3	4,800.00		14,400.00
9	SMS Module	pc	3	450.00		1,350.00

Specification:

- Mini GSM / GPRS breakout board based on SIM800L module
- Supports quad-band GSM/GPRS network, available for GPRS and SMS message data remote transmission
- Features compact size and low current consumption
- With power saving technique, the current consumption is as low as 1mA in sleep mode
- Communicates with microcontroller via UART port
- Supports command including 3GPP TS 27.007, 27.005 and SIMCOM enhanced AT Commands
- Working Voltage: 3.5~4.2V
- Quad-band 850/900/1800/1900MHz
- Connect onto any global GSM network with any 2G SIM
- Make and receive voice calls using a headset or an external 8 speaker and electret microphone.
- Send and receive SMS messages.
- Send and receive GPRS data (TCP/IP, HTTP, etc.) .
- Scan and receive FM radio broadcasts.
- Lead out buzzer and vibrational motor control port.
- AT command interface with "auto baud" detection.
- Raspberry Pi - compatible

10	Subscription to Microsoft 365	Yearly	1	5,700.00		5,700.00
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Specification:

- For one to six people to share
- Each person can use on up to 5 devices simultaneously
- Works on Windows, Mac, iPhone, iPad, and Android phones and tablets
- Up to 6 TB of cloud storage (1 TB per person)
- Word, Excel, PowerPoint, and OneNote with offline access and premium features
- Microsoft Defender* advanced security for your personal data and devices
- OneDrive ransomware protection for your files and photos
- Outlook ad-free secure email
- Microsoft Editor advanced spelling, grammar, and writing assistance
- Clipchamp* video editor with premium filters & effects
- Additional features in the Microsoft Family Safety mobile app
- Premium, customizable templates
- Expanded content library of high-quality photos, icons, fonts, videos, and audio
- Contact support via chat or email to get help when you need it

11	Ultrasonic Sensor Module	pc	3	300.00		900.00
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Specification:

- Voltage: DC5V
- Static current: less than 2mA
- Level output: high-5V
- Level output: the end of 0V
- Sensor angle: not more than 15 degrees
- Detection distance: 2cm-450cm
- High precision: up to 0.3cm
- Connection: VCC, trig (control side), echo (receiving end), GND
- Compatibility: Raspberry Pi pi micro processor/controller


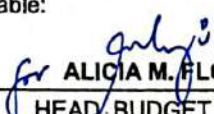
12	Wi-Fi Module	pcs	3	300.00		900.00
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Specification:

?Protocols: 802.11 b/g/n (HT20)
 ?Frequency Range: 2.4G – 2.5G (2400 – 2483.5)
 ?TX Power: 802.11 b: +20 dbm, 802.11 g: 17 dBm, 802.11 n – 14 dBm
 ?Antenna: PCB Trace, External, IPEX Connector, Ceramic Chip
 ?CPU: Tensilica L106 32-bit processor
 ?Operating Voltage: 2.5-3.6V
 ?Operating Current: Average value: 80 mA
 ?Operating Temperature Range: -40 ? C - 125? C
 ?Wi-Fi Mode: Station/SoftAP/SoftAP + Station
 ?Security: WPA/WPA2
 ?Encryption: WEP/TKIP/ AES
 ?Firmware Upgrade: UART Download / OTA (via network)
 ?Software Development: Supports Cloud Server Development/ Firmware and SDK for fast on-chip Programming
 ?Network Protocols: IP4, TCP / UDP/ HTTP
 ?User Configuration: AT Instruction Set, Cloud Server, Andriod/IOS App
 ?Compatibility: Arduino and Raspberry pi

	TOTAL					38,150.00
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Purpose: Printing and processing of data

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