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

PURCHASE REQUEST

PR No.: **GF-2022-09-01935**   Date: **09-23-2022**

Dept./Office: **PRCRTC**

Section/End-User: **Elijah D. Buzon**

Funding Source: **General Fund - MOOE**

Category: **Electronics supplies**

Project Title/Code: **VSU-FTP-2021-1a**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	4 channel Relay module for Arduino UNO	pc	2	200.00		400.00
	Specification:					
	• 4-output relay channel module • Relay output contacts 250A 10A. Input IN1, IN2, IN3, IN4, low signal line is effective. The VCC, the GND power input, can deliver a separate power supply relay power input of JD-VCC. • 12V 4-Channel Relay interface board, and each requires 50-60mA current driver • Equipped with high current relay, AC250V 10A; DC30V 10A • LED 's indication for Relay output status • Compatible with Arduino UNO					
2	Data logger module for Arduino UNO	pc	2	360.00		720.00
	Specification:					
	• SD card interface works with FAT16 or FAT32 formatted cards. • 3.3V level shifter circuitry prevents damage to your SD card. • Real time clock (RTC) keeps the time going even when the Arduino is unplugged. • Included libraries and example code for both SD and RTC, means you can get going quickly. • Prototyping area for soldering connectors, circuitry or sensors.					
3	Ethernet shield development board for Arduino UNO	pc	2	900.00		1,800.00
	Specification:					
	• Can be used as server or client. • Directly plug puzzle board, no soldering required. • Controller: w5100. • It is compatible with the Arduino Duemilanove (168 or 328), Uno as well as Mega (1280/2560) and can be accessed using the SD library. • The Wiznet W5100 provides a network (IP) stack capable of both TCP and UDP. • It supports up to four simultaneous socket connections. • Fits all version of arduino Main board,2009,UNO, mega 1280, mega 2560.					
4	jumper wire (Male and female)	set	1	150.00		150.00

Specification:

- 120pcs/set 20CM 2.54MM Wire Male to Female
- Jumper Wire Dupont Cable
- 2.54mm 1p-1p pin header 20cm
- Compatible with 0.1 mil spacing pin header
- Compatible with 2.54mm spacing pin header
- Can be used for PCB project, pc motherboard, Arduino UNO development board

	TOTAL					3,070.00

Purpose: construction of greenhouse

Checked by:			Funds Available:	
MICHAEL ANTHONY JAY B. REGIS			ALICIA M. FLORES	
TWG - Electronics supplies			HEAD, BUDGET OFFICE	

	Requested by:	Noted by:		Approved by:
Signature:				
Printed Name:	ELIJAH D. BUZON	DANIEL LESLIE S. TAN		EDGARDO E. TULIN
Designation:	END USER	UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU