



STF-2020-10-00085

PPMP #: 33-1-786-2021-8-0-0



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

1758
 10/16/20

PURCHASE REQUEST

Dept./Office: **CET**PR #: **STF-2020-10-00085** 10547Date: **10-13-2020**Section/End-User: **Michelle A. Borleo**Category: **IT Supplies and Equipment**Funding Source: **Special Trust Fund**Project Title/Code: **Dean's Office-CET Lab Share 2021**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Arduino Laboratory Kit	sets	25	2,500.00	MICHELLE A. BORLEO	62,500.00

Specification:

Package List:

- 1xUNO R3 Board based on Arduino®
- 1xUSB Cable
- 1x (16×2) LCD with I2C Adapter
- 1xRC522 Module
- 1xRFID Card
- 1xKey Chain
- 1xJoystick Module
- 1xKey Board
- 1xRTC Module
- 1xWater Level Sensor
- 1xDHT11 Humidity Sensor
- 1xRGB Module
- 1xULN2003 Motor Driver Module
- 1x28BYJ-48 Stepper Motor
- 1×1-Channel Relay Module
- 1xMB-102 Breadboard
- 65xJumper Wire
- 10xFemale-Male Jumper Cable
- 1xSound Sensor Module
- 1xRemote
- 1x10K Potentiometer
- 1×1 Digital Tube
- 1×4 Digital Tube
- 1xMatrix Tube
- 1xSG90 Micro Servo
- 2xBuzzer
- 2xBall Switches
- 3xPhotoresistance
- 5xTactile Switches with Caps
- 1x9V Battery Clip with DC Jack
- 15x5mm LED
- 30xResistance (220ohm, 1K ohm, 10K ohm)

- 1xFlame Sensor
- 1xIR Receiver Sensor
- 1x74HC595
- 1xLM35DZ

2	Develop Ineo 185 PWD Board Assy: A0XX-PP9P-00	unit	1	20,000.00	MICHELLE A. BORLEO	20,000.00
3	Kyocera Taskalfa 3051 Ci Main Charging 8705	pc	1	6,000.00		6,000.00
4	Kyocera Taskalfa 3051 Ci Toner, TK-8309 K	pc	1	10,000.00		10,000.00
5	Kyocera Taskalfa 3051 Ci Waste Toner Box	pcs	2	1,500.00	MICHELLE A. BORLEO	3,000.00
6	Riso KZ30 Inking Nozzle, part #042-17150-006	pcs	2	750.00		1,500.00
7	Unifi 500W PoE+ Switch	unit	4	35,000.00	MICHELLE A. BORLEO	140,000.00

Specification:

24 ports PoE+ Switch 500W

Network Interfaces: (24) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports

Management Interface: (1) RJ45 Serial Port Out-of-Band, Ethernet In-Band

Total Non-Blocking Throughput : 26 Gbps

Switching Capacity: 52 Gbps

Forwarding Rate: 38.69 Mpps

MAC Address Table: 16384

Maximum Aggregations: 6

Monitoring Sessions 1

Maximum VLANs 255

Power Method 100-240VAC/50-60 Hz, Universal Input

Power Supply AC/DC, Internal, 500W DC

Max. Power Consumption: Including PoE Output: 500W Excluding PoE Output: 30W

ESD/EMP Protection Air: ± 24 kV, Contact: ± 24 kV

Shock and Vibration ETSI300-019-1.4 Standard

Operating Temperature -5 to 40° C (23 to 104° F)

Operating Humidity 5 to 95% Noncondensing

Certifications CE, FCC, IC

PoE Interfaces PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) 24VDC Passive PoE (Pins 4, 5+; 7, 8-)

Max. PoE+ Wattage per Port by PSE 34.2W

Voltage Range 802.3at Mode 50-57V

Max. Passive PoE Wattage per Port 17W

24V Passive PoE Voltage Range 20-27V

Should be compatible with existing Unifi Controller

1 year warranty

8	UPS, 1000 VA	unit	2	3,000.00	MICHELLE A. BORLEO	6,000.00
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Specification:

- 1000VA/600W capacity
- Frequency Range: 60 Hz
- Freq. Range (Batt. Mode): 60 Hz $\pm$ 1 Hz
- Transfer Time: Typical 4-8 ms
- Waveform (Batt. Mode): Simulated Sine Wave
- Back-up Runtime: 10-15 mins
- Voltage: 220 VAC
- Voltage Range: 162-270 VAC

TOTAL

249,000.00

Purpose: For office use

Checked by:

MICHAEL ANTHONY JAY B. REGIS

Funds Available:

MYRNA S. PANCITO

TWG - IT Supplies and Equipment

HEAD, BUDGET OFFICE *Oldie*

Signature:

Printed Name:

Designation:

Requested by:

MICHELLE A. BORLEO

END USER

Noted by:

ROBERTO C. GUARTE

UNIT HEAD, PROJECT LEADER

Approved by:

EDGARDO E. TULIN

PRESIDENT, VSU