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PR-2022-1219-82890



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

## PURCHASE REQUEST

PPMP No. : 24-5-2430-2022-10-0-34

PR No.: GF-2022-12-02478

Date: 12-19-2022

Dept./Office: **PRCRTC**

Category: **Construction  
and Electrical Supplies**

Section/End-User: **Raymond G. Sumaria**Funding Source: **General Fund - MOOE**Project Title/Code: **VSU-IP\_2021.4**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>2021 Arduino MEGA 2560 R3 Microcontroller Board with USB Cable Arduino Compatible Motherboard ATMEGA</b>	sets	2	1,800.00		3,600.00
<b>Specification:</b>  2021 Latest Model Arduino MEGA 2560 Microcontroller Motherboard Comes with Free 40CM USB Data Cable Clock Speed:16 MHz EEPROM:4 KB SRAM:8 KB Flash Memory:256 KB of which 8 KB used by bootloader Operating Voltage:5V Input Voltage:7-12V Analog Input Pins:16 Digital I/O Pins:54 (of which 14 provide PWM output) DC Current for 3.3V Pin:50 mA DC Current per I/O Pin:40 mA						
2	<b>Cutting Disc, 4" (Super Thin)</b>	pc	200	70.00		14,000.00
3	<b>Diaphragm Pump</b>	pc	2	650.00		1,300.00
<b>Specification:</b>  Diaphragm pump  Input voltage:12v  Capacity: 6 liters/min  Pressure: 130 PSI  Rated power: 70watts						
4	<b>Electrical Circuit Breaker, 20A, 2-Pole( Box Type)</b>	sets	5	600.00		3,000.00
<b>Specification:</b>  Box type Circuit Breaker 2 pole 20 amperes						
5	<b>Electrical Outlet, 3 gang universal outlet with ground, (surface type)</b>	pcs	10	150.00		1,500.00
<b>Specification:</b>  <ul style="list-style-type: none"> <li>• 10A</li> <li>• 250V</li> </ul>						

<ul style="list-style-type: none"> <li>• Heavy Duty</li> <li>• Durable</li> </ul>						
6	Electrical Tape, Vinyl	rolls	30	75.00		2,250.00
<b>Specification:</b>  ?Flame retardant and compatible with plastic cable and wire harness insulations ?Flexible PVC with aggressive rubber adhesive ?Primary electrical insulation for all wire and cable splices rated up to 600 volts. ?19mm x 16m x 0.155mm ?Heavy Duty ?ASTM approved						
7	Electrical Wire, AWG 14, Flat cord, (Stranded), 150 meters per roll	roll	1	10,000.00		10,000.00
<b>Specification:</b>  <ul style="list-style-type: none"> <li>• Good quality</li> <li>• Heavy duty</li> </ul>						
8	Electrical, male plug, 3 pin	pcs	20	65.00		1,300.00
<b>Specification:</b>  <ul style="list-style-type: none"> <li>• Heavy Duty</li> <li>• Good quality</li> </ul>						
9	Flange Block Bearing UCF 205-16, (1" Shaft Diameter)	pcs	20	400.00		8,000.00
<b>Specification:</b>  <ul style="list-style-type: none"> <li>• Mounted Ball Bearing with Four-Bolt Flange,</li> <li>• Sealed Steel, with Cast Iron Housing,</li> <li>• For 1" Shaft Diameter</li> <li>• Self-aligning and self-lubricating</li> </ul>						
10	Flap Disc for Angle Grinder, 4"	pc	100	85.00		8,500.00
11	Grinding Disc, 4"	pcs	50	80.00		4,000.00
12	Magnetic Contactor 20A, 3 Phase	pcs	2	1,050.00		2,100.00
13	Magnetic Contactor Single Phase 32A (100 amp)	pcs	2	1,700.00		3,400.00
14	Magnetic contactor with overload relay, 3Phase	piece	1	5,000.00		5,000.00
<b>Specification:</b>  ?AC-1=Ith=20A Three Phase 220V/440V. 60Hz Orange Line (Non-reversing ) ?MOTOR CAPACITY: 220V- 4.7HP (3.5KW) 440V- 7.5HP (5.5KW) ?OPERATIONAL CURRENT: 220V-13A/ 440V-12A ?AUXILIARY CONTACT: 1NO+1NC						
15	MCB Miniature Circuit Breaker, 16A	piece	1	324.00		324.00
<b>Specification:</b>						



2 Pole

50-60Hz 230/415 VAC

DIN RAIL Mounted Type

16	Pillow Block Bearing UCP 205-16 (1" Shaft Diameter)	pcs	20	350.00		7,000.00
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**Specification:**

- Mounted Steel Ball Bearing with Cast Iron Housing
- For 1" Shaft Diameter,
- Shaft mounting type: Set Screw
- Self-aligning

17	Power Push Button Swithc ,10A	pcs	10	800.00		8,000.00
18	Silicon Sealant	tubes	10	200.00		2,000.00
19	Solar Battery ,12V, 100ah	unit	1	8,160.00		8,160.00

**Specification:**

solar Battery

Currency : 100 ah

Voltage: 12V

20	Solar charge controller 100amps	unit	1	1,500.00		1,500.00
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**Specification:**

Specification:

- Solar charge controller
- Charge current: 100amps
- Battery voltage: 12v/24v auto adapt

21	SS Angle Bar (304),1" x (3/16" thickness) x 1" x 20'	length	3	4,000.00		12,000.00
22	SS Pipe (304), 3/4"Ø x 20'	L	5	1,560.00		7,800.00
23	SS Shafting, 1"Ø x 10'	length	4	7,030.00		28,120.00
<b>TOTAL</b>						<b>142,854.00</b>

Purpose: For machine fabrication

Checked by:



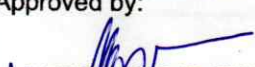
  
**MARLON G. BURLAS**

Funds Available:

  
**ALICIA M. FLORES**

TWG - Construction and Electrical Supplies

HEAD, BUDGET OFFICE

Signature:	Requested by:	Noted by:	Approved by:
Printed Name:	 <b>RAYMOND G. SUMARIA</b>	 <b>DANIEL LESLIE S. TAN</b>	 <b>EDGARDO E. TULIN</b>
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU