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PR-2023-0809-136514



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

PURCHASE REQUEST

PPMP No. : 107-5-2064-2024-7-0-4

Dept./Office: **RERC**PR No.: **GF-2023-08-01473**Date: **08-09-2023**Section/End-User: **Marjorie E. Timbal**Category: **Electronics**Duration: **2024-01-01**Funding Source: **General Fund - MOOE**Project Title/Code: **CC18-RE03.1719**to
2024-12-31

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Temperature Controller, Digital PID	set	2	1,500.00		3,000.00

Specification:

- Measuring accuracy: +/-0.5%FS
- Cold-end compensation tolerance: +/-2 Celsius?can be modified by software in 0~50 Celsius?
- Resolution: 14 bit
- Sampling cycle: 0.5 Sec
- Power : AC 100-240V 50/60HZ
- Process value (PV), Setting value (SV)
- PIN control (including ON/OFF, step-type PID and continuous PID)
- Self-tuning control
- Relay output: contact capacity 250V AC 3A (resistive load)
- Proportional band (P): 0~full range (ON/OFF control when set to 0)
- Detective temperature range: 0 to 400 Celsius
- Insulation resistance: more than the 50M ohm(500V DC)
- Insulation resistance : 1500V AC/min
- Insulation resistance : Power Consumption Less than 10 VA
- Service environment: 0~50 Celsius
- environment with no corrosive gas 30~85% RH
- Aluminum Alloy Heat Sink

	TOTAL					3,000.00
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Purpose: Project use

Checked by: DIONESIO I. ESTUPA TWG - Electronics		Funds Available: ALICIA M. FLORES HEAD, BUDGET OFFICE	
Signature:	Requested by: MARJORIE E. TIMBAL	Noted by: ELDON P. DE PADUA	Approved by: EDGARDO E. TULIN
Printed Name:	MARJORIE E. TIMBAL	ELDON P. DE PADUA	EDGARDO E. TULIN
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU