



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

SCAN HERE



PR-2023-0417-111724

OP 4/26/23

PURCHASE REQUEST

PPMP No. : **16-4-913-2023-1-0-1**

PR No.: **TF-2023-04-00681**

Date: **04-17-2023**

Dept./Office: **DPM**

Category: **Laboratory
Equipment**

Section/End-User: **Justine Bennette H. Millado**

Funding Source: **Trust Fund**

Project Title/Code: **20201050-1-114**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	centrifuge (mini)	unit	1	8,000.00		8,000.00

Specification:

- Power supply AC 220V-240V,50Hz/60Hz
- can accommodate 0.2ml PCR tubes and 1.5 or 2ml
- speed accuracy is high
- with secure door lock design
- easy to operate quick disassembly of rotor
- Speed: at least 4000 rpm
- Relative centrifugal acceleration (xg) 2680
- Rotor 8x0.5/1.5/2.0ml centrifuge tube
- DC motor

2	Freezer (Upright)	unit	1	49,000.00		49,000.00
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Specification:

Warranty:

2-year compressor warranty

3 years Parts and Labor Warranty

- Capacity (cu.ft.): 10.8
- Capacity (L): 308
- Inverter Technology: Inverter
- Refrigerator Frost System: Manual
- Color: Gray
- Refrigerant Type: R-600A
- Power Consumption: 115 W
- Weight: 54 kg
- Dimension (WxDxH): 96 x 715 x 1,705 mm
- Power Voltage- 220-240v

Features:

- *High Energy Efficiency R600a Inverter Compressor*
- *Direct Cool Technology*
- *Quick Freezing*

Roll bond Evaporator Shelves
7 Shelves + Bottom pan
Door Storage Shelf
Ice Scraper
Manual Defrosting
Adjustable Leg

3	High Duty Blender	unit	1	7,000.00		7,000.00
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Specification:

- Power – 375-watt motor
- Speed – 10-speed push button
- Function – Controlled/pulse blending (buttons 1-3) or continuous blending (buttons 4-10)
- Durability – Exclusive All-Metal Drive™ system
- Blade – High performance ice-crushing stainless steel blade
- Capacity – 5-cup (1.25L) heat-resistant glass jar
- Warranty – 1 Year Household Warranty
- Dimensions – 26 x 18 x 32 cm

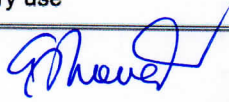
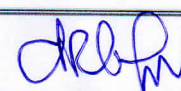
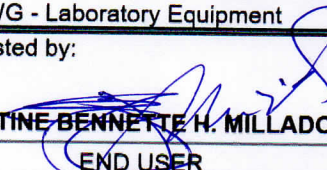
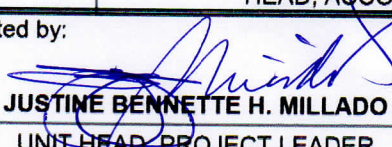
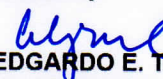
4	Micro pipette, with stand, P10 (0.5-10ul)	unit	1	8,060.00		8,060.00
5	Micro pipette, with stand, P1000 (200-1000ul)	unit	1	8,060.00		8,060.00
6	Micro pipette, with stand, P200 (20-200ul)	unit	1	8,060.00		8,060.00
7	PCR Thermal Cycler for 0.2ml tubes	unit	1	500,000.00		500,000.00

Specification:

- Sample capacity: 96 x 0,2 ml, 8-strip, 24 x 0,2 ml plate
- Cooling technology: Peltier
- Temperature control range: + 4 ~ +99°C
- Heating speed of ramping: up to 4,0°C /sec
- Cooling speed of ramping : up to 4,0°C /sec
- Block temp. uniformity: ? ± 0,3°C
- Block temp. accuracy: ± 0,1°C (55°C) ?± 0,2°C (? 90°C)
- Display resolution: 0,1°C
- Temp. control mode: Block or Tube
- Ramping rate adjustable: 0,1°C - 4°C
- Memories: 250 typical programs (unlimited by USB)
- Max. cycles: 99 cycles for Nested PCR
- Time up/down: 0-9 min59s, suit for Long PCR
- Temperature up/down: 0,1 - 9,9°C suit for Touchdown PCR
- Soak function: Yes
- Gradient range: 30°C ~ 105°C
- Temp. differential range: 1°C ~ 30°C
- Temp. of hot lid: 30°C -110 °C (Temp. / pressure adjusted)
- Size: 335 (W) x 260 (D) x 270 (H) mm

- Weight: 8 kg
- Interface: 1 x USB
- Power Supply: 100 - 240V, 50-60 Hz <= 600W
- Power Voltage: 220-240v

WITH WARRANTY AND REPAIR SERVICE FOR AT LEAST 3 YEARS

		TOTAL						588,180.00	
Purpose: For laboratory use									
Checked by: 					Funds Available: 				
ELIZABETH S. QUEVEDO					NICK FREDDY R. BELLO				
TWG - Laboratory Equipment					HEAD, ACCOUNTING OFFICE				
Signature:	Requested by: 		Noted by: 		Approved by: 				
Printed Name:	JUSTINE BENNETTE H. MILLADO		JUSTINE BENNETTE H. MILLADO		EDGARDO E. TULIN				
Designation:	END USER		UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU				