



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

PURCHASE REQUEST

PPMP No. : **PPMP-2025-101525-1479**PR No.: **TF-2025-11-00002**Date: **11-13-2025**Dept./Office: **NARC**Category: **Laboratory
Equipment**Section/End-User: **Romel B. Armecin**Project Title/Code: **DA-BAR ACEF (20201050-10.119)**Funding Source: **Trust Fund**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Autoclave, Vertical type, no drying function, volume = 100L with chamber measurement of at least 744	unit	1	300,000.00	ROMEL B. ARMECIN	300,000.00

Specification:
SPECIFICATIONS:

- Capacity/Chamber Volume: 100L(7440×650)mm;
- Working Pressure: 0.22MPa; Max Working Pressure: 0.23 Mpa;
- Working Temperature: 134?; Heat Average: 7±1?;
- Timer: 0~99min or 0~99hour59min;
- Adjustment of Temperature: 105~134?;
- Power: 4.5KW AC220V.50Hz;
- Overall Dimension: 580×560×1290(mm);
- Materials used; Fully stainless steel structure;
- Hand wheel type of quick-open door structure;
- Door safety lock system;
- LCD digital display of working status,touch of key;
- Auto discharge the cool air,and steam discharging automatically after sterilization;
- Over temperature&over pressure auto-protection;
- Safe protection of water lacking;
- Self-inflating type seal;
- Automatically shut off with beep reminding after sterilization;
- With two stainless steel sterilizing baskets;
- Easy to operate, safe and reliable

2	Temporary Immersion Bioreactors System ,with 14 vessels, spare membrane filters (15 pcs)	unit	14	28,500.00	ROMEL B. ARMECIN	399,000.00
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Specification:

- Best suited for mass production of tissue culture planting materials (shoot tip/meristem/somatic embryo culture)
- The system consisted of the following components: (a) air-vent (containing 10mm filter) with tubing installed in the cap; (b) O rings in the central tube(aprox. 15mm diameter) for proper fitting; (c) basket (approx. 100mm diameter) that hold the explants; (c) vessel (approx. 100ml cap) to hold the semi-liquid medium as source of nutrients to the explants

- Very useful for development and germination of somatic embryos in which the system can produce 700 to 1000 plantlets ready to harden.

3	Glass bead sterilizer, cap at least 300g, Temp range of 100-300 C, stainless steel, 250W, Power supp	unit	2	50,000.00	ROMEL B. ARMECIN	100,000.00
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Specification:

- Glass bead capacity at least 300g with standard glass beads accessories
- Temp range of 100~300?
- Timing range of 1min~99h59min/?
- Heating time of 725min(RT. to 300?)
- Material of lid: Stainless steel
- Chamber size: 740*140mm
- Max. consumption : 250W
- Power supply = AC 220V, 60Hz

4	Orbital shaker, timing range continuous (up to 24 hrs); Temp range = 5-40 C; Power supply = 220V	unit	4	40,000.00	ROMEL B. ARMECIN	160,000.00
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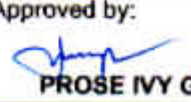
Specification:

- Speed: ranges from 40 to 200rpm
- Digital panel with speed and time control
- Working pan size 25X25cm, with max load 2KG
- Continuous operation and timed operation range 1min-23h59min
- Allowable ambient temp. range: 5-40°C
- Allowable relative humidity: 80%

	TOTAL					949,000.00
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Purpose: for laboratory use

Checked by:  ELIZABETH S. QUEVEDO TWG - Laboratory Equipment	Funds Available:  NICK FREDDY B. BELLO HEAD, ACCOUNTING OFFICE
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Signature:	Prepared by:  ROMEL B. ARMECIN	Noted by:  ROMEL B. ARMECIN	Approved by:  PROSE IVY G. YEPES
Printed Name:			
Designation:		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU