



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

## PURCHASE REQUEST

S.E. 29

PPMP No.: **PPMP-2025-031925-1053**PR No.: **TF-2025-05-00590**Date: **05-09-2025**Dept./Office: **PCC**Category: **Farm Tools and Equipment**Section/End-User: **Mariles V. Bulawan**Funding Source: **Trust Fund**Project Title/Code: **Dairy Herd Build-up**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>COMPOST THERMOMETER</b>	unit	1	5,000.00		5,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Rugged 5/16" diameter stainless steel stem</li> <li>• Hermitically sealed dial</li> <li>• Unbreakable Plastic Crystal Lens</li> <li>• Pointed Tip</li> <li>• 3" Diameter Dial</li> <li>• <math>\pm 1\%</math> of scale</li> <li>• Stem Length: 36"</li> </ul>						
2	<b>Dissolved Oxygen, pH Meter and EC Meter</b>	unit	1	7,000.00		7,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Salinity, acidity and dissolved oxygen detection</li> <li>• Compact and pocket-sized design</li> <li>• Size: 26*14*147cm</li> <li>• EC meter (Electric Conductivity)</li> <li>• Accuracy: <math>\pm 2\%</math> of reading</li> <li>• Resolution: 1 uS/cm; 0.1 ms/cm</li> <li>• EC measurement range: 0 to 10000uS/cm 10.01-19.99ms 20.1-400mS/cm</li> <li>• Size and weight: 183*37*37mm (7.2*1.5*1.5in)/90g(3.2oz)</li> </ul>						
3	<b>EC Meter (Electric Conductivity)</b>	unit	1	7,000.00		7,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Accuracy: <math>\pm 2\%</math> of reading</li> <li>• Resolution: 1 uS/cm; 0.1 ms/cm</li> <li>• EC measurement range: 0 to 10000uS/cm 10.01-19.99ms 20.1-400mS/cm</li> <li>• Size and weight: 183 * 37 * 37mm (7.2 * 1.5 * 1.5in)/90g (3.2oz)</li> </ul>						
4	<b>Hand Tractor with Trailer</b>	unit	1	150,000.00		150,000.00
<b>Specification:</b>  <b>Hand Tractor</b>						

- Engine 7-10 Diesel, Water or Air Cooled
- Field Capacity: Minimum of 0.125ha/hr
- Speed: Manufactures Specification

**Trailer**

- Number of Wheels: 2
- Dimension LxWxH: 1800x1200x400mm
- Chassis: Steel
- Materials: Galvanized steel sheet. Angle Bar and GI pipe
- Suspension: Not Required but at least leaf spring is recommended

**Inclusion:** Operation Manual, Basic Tools and Hands on training for operation and maintenance.

5	<b>High Pressure Washer w/ Self-Priming Function</b>	unit	1	20,000.00		20,000.00
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**Specification:**

- Continuous rating input: 1,800W
- Max Pressure: 12 MPa (120 bar, 1,740 PSI)
- Max Flow Rate: 420 L/h
- Max Feed Temperature: 40 °C (104 °F)
- High Pressure Hose Length: 10 m (33 ft.)
- Sound Pressure Level: 72 dB (A)
- Sound Power Level: N/A dB (A)
- Noise K Factor: N/A dB (A)
- Vibration Level: 4.11 m/s<sup>2</sup>
- Vibration K Factor: N/A m/s<sup>2</sup>
- Dimensions (L x W x H): 292x358x830 mm (11-1/2"x14-1/8"x32-3/4")
- Net weight: 11 kg (24.3 lbs.)
- Power supply cord: 5.0 m (16.4 ft.)

**Features:**


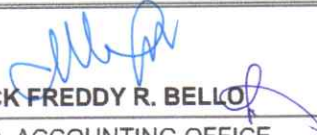
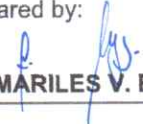

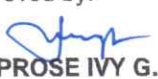
- Pressure adjustable function for easy and quick control by turning the handle
- Built powerful 1,800 W series motor provides up to 12 MPa (120 bar) for maximum cleaning power
- 420 L/hr max flow rate
- Powerful washing 10 MPa (100 bar) of working pressure (up to 50X as tap water)
- Long, superflex, scratch-proof, anti-kink 10 m high pressure hose for various applications
- Self-priming function supplies water from a tank or reservoir instead of a faucet
- Handle and rear wheels for easy mobility
- On-board storage for straightforward setup and accessory storage
- Cyclone Guard for preventing from water splash
- Foam Nozzle for foaming the detergent and splashing the bubble
- Under Body Spray Lance for washing the bottom of cars / tractors / cultivators, etc

6	<b>Knapsack Sprayer 2in1 Battery and Manual Operated</b>	unit	1	8,000.00		8,000.00
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**Specification:**

- Can be used for farming, disinfecting, misting
- Battery / automatic or manual operated

<ul style="list-style-type: none"> <li>• 16-20L Capacity</li> <li>• Net Weight(Kg) : 5.25</li> <li>• Capacity of Tank: 16-20L</li> <li>• Working Pressure (mpa) 0.15-0.4</li> <li>• Pump : Diaphragm Pump</li> <li>• Stroke 1.4mm</li> <li>• Voltage : 12</li> <li>• Nozzle: 1.4mm</li> <li>• Battery : 12V/ 8AH</li> <li>• Insect Control type-spray, heavy duty</li> <li>• Quality guarantee</li> <li>• Come with Charger</li> <li>• Battery built-in</li> <li>• Complete accessories including nozzle, manual, extension for nozzle and handles</li> </ul>						
7	<b>Portable Milking Machine, Double Milking Double Bucket</b>	unit	2	90,000.00		180,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Dimension: 80cm x 100cm x 110cm</li> <li>• Weight: 110 kgs</li> <li>• Vacuum Pump: Oil type</li> <li>• Pump Capacity: 200lt/min</li> <li>• Pulsitor: 2pcs Pneumatic Pulsitor</li> <li>• Liner: Rubber</li> <li>• Shell: Hard Plastic</li> <li>• Buckets: 2pcs 30Lt Stainless Steel</li> <li>• Electrical Engine: 220v-60hZ, 0.55kW; Monophase</li> </ul>						
8	<b>REFRACTOMETER (ANALOG)</b>	unit	1	14,000.00		14,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Hand-Held/ Analog Type</li> <li>• Range: 0.0-28% Sodium Chloride</li> <li>• Resolution:2%</li> <li>• Accuracy: ±0.2%</li> <li>• with ATC</li> <li>• Includes protective storage case and owner's manual</li> </ul>						
9	<b>Soil Compaction Tester/Meter</b>	unit	1	10,000.00		10,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Measurement Units: Cone Index (PSI or kPa)</li> <li>• Resolution: 1in (2.5cm), 2-3PSI (20-35kPa)</li> <li>• Accuracy: ± 0.5 in (1.25cm) Dept, ± PSI (103kPa) Pressure</li> <li>• Range: 0 to 18 in (0 to 45cm), 0 to 1,000 PSI (0 to 7000 kPa)</li> <li>• Battery/Life: 4 AAA Alkaline batteries; approximately 12-month life</li> <li>• Date Logger Capacity: 772 profiles without GPS</li> </ul>						

TOTAL					401,000.00
Purpose: For pasture development and dairy herd build-up operation					
Checked by:			Funds Available:		
 <b>MICHAEL DOMINIC M. GARRIDO</b>			 <b>NICK FREDDY R. BELLO</b>		
TWG - Farm Tools and Equipment			HEAD, ACCOUNTING OFFICE		
Signature: Printed Name: Designation:	Prepared by:		Noted by:		Approved by:
	 <b>MARILES V. BULAWAN</b>		 <b>IVY FE M. LOPEZ</b>		 <b>PROSE IVY G. YEPES</b>
	UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU		