

SCAN HERE



PR-2024-0809-215399



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

PURCHASE REQUEST

PPMP No. : **PPMP-2024-052224-0141**PR No.: **GF-2024-08-01518**Date: **09-18-2024**Dept./Office: **PRCRTC**Category: **Laboratory
Equipment**Duration: **2024-05-27
to
2024-05-27**Section/End-User: **John S. Bahandi**Project Title/Code: **PhilRootcrops
Genomics**Funding Source: **General Fund - MOOE**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Analytical Balance	unit	1	40,000.00		40,000.00
Specification: <ul style="list-style-type: none"> • Capacity: 200 grams • Accuracy: ±0.001 grams • Readability: 0.001 grams • Type: Digital • Certification: Comes with a certificate of calibration 						
2	Beaker, Glass, 150 mL	pc	10	380.00		3,800.00
Specification: <ul style="list-style-type: none"> • Type: Low Form Beaker • Material: Borosilicate Glass • Capacity: 150 mL • Features: Transparent, Thickened, with Spout 						
3	Beaker, Glass, 250mL	pc	10	400.00		4,000.00
Specification: <p>Low Form Beaker</p> <ul style="list-style-type: none"> • Material: Borosilicate Glass • Color: Transparent • Design: Thickened with spout for easy pouring 						
4	Bench pH meter with replaceable electrodes and buffe	unit	1	35,000.00		35,000.00
Specification: <p>Bench pH meter with replaceable electrodes and buffer</p>						
5	Burette Set	pc	2	25,000.00		50,000.00
Specification: <ul style="list-style-type: none"> • Includes: Burette, Double-Burette Clamp, Clamp Holder, Lab Stand • Burette: <ul style="list-style-type: none"> ◦ Material: High-quality borosilicate glass 						

<ul style="list-style-type: none"> ◦ Features: Carefully drawn tip for reliable drainage, noncontaminating 2-mm straight-bore PTFE stopcock, brown-colored permanent graduations • Lab Stand: <ul style="list-style-type: none"> ◦ Material: Nickel-plated zinc with support stand and rod ◦ Design: Holds up to 100mL burettes ◦ Components: Aluminum rod, chemical-resistant porcelain base 						
6	Complete Micropipettes Kit (10?l to 100mL) with accessories	pc	1	45,000.00		45,000.00
Specification: Complete Micropipettes Kit (10?l to 100mL) with accessories (tips and holder), mechanical, adjustable volume, single channel						
7	Cryo Storage Tube Rack with cover, for 0.2 ml PCR tubes,10 pcs.pack	pack	5	3,000.00		15,000.00
Specification: <ul style="list-style-type: none"> • Plastic • 96 wells • Reversible • 10pcs/pack 						
8	Cryo Storage Tube Rack with cover, for 1.5-2.0 ml MCT, 10pcs/pack	pack	10	3,000.00		30,000.00
Specification: <ul style="list-style-type: none"> • Plastic • Reversible • 80 wells • 10pcs/pack 						
9	Cryogenic Aprons and Suits	piece	5	10,000.00		50,000.00
Specification: <ul style="list-style-type: none"> • Description: Protective clothing designed to prevent cold burns and frostbite. • Material: Multi-layered with thermal insulation and an outer layer of durable synthetic fabric. • Sizes: Small, Medium, Large, Extra Large. 						
10	Cryogenic Gloves	pcs	4	5,000.00		20,000.00
Specification: <ul style="list-style-type: none"> • Description: Insulated gloves providing protection against extreme cold when handling cryogenic materials. • Material: Multiple layers of insulating material, usually with an outer layer of tough fabric. • Sizes: Small, Medium, Large. 						
11	Cryogenic tube with screw and cap	pack	4	22,550.00		90,200.00
Specification:						

volume 5 mL, with external thread, self-standing, RNase and DNase free, sterile, 1000 EA per pack						
12	Dial Thermometer	pc	6	1,500.00		9,000.00
Specification: -20-1500C temp. range						
13	Dial thermometer, Centegrade, Fahrenheit Scale, -35-+55°C	pc	6	1,500.00		9,000.00
Specification: <ul style="list-style-type: none"> • Type: Dial Thermometer • Temperature Range: -35°C to +55°C (Celsius) • Fahrenheit Scale: Yes • Diameter: 30 cm • Mounting: Wall-mounted 						
14	Graduated Cylinder 50 mL (Glass)	pc	10	520.00		5,200.00
Specification: Specifications: <ul style="list-style-type: none"> • Volume: 50 mL • Type: Single Metric Volumetric and Graduated Cylinder • Tolerance: ±5% of total volume at any point • Base: Plastic Hexagonal Base, Blue Graduations • Autoclaving: Withstands repeated standard autoclave cycles of 121°C at 15 psi for 15 minutes Component Materials: <ul style="list-style-type: none"> • Glass: Type I Class A, Low-Expansion Borosilicate Glass per ASTM E438 • Base: Low Density Polyethylene (LDPE) Features: <ul style="list-style-type: none"> • Stackable: By removing the base, the graduated cylinder can be conveniently stacked • Bumper Guards: Supplied with 25 mL through 100 mL cylinders • Funnel Top: 10 mL version includes a funnel top for careful pouring 						
15	Hotplate with magnetic stirrer	unit	1	30,000.00		30,000.00
Specification: <ul style="list-style-type: none"> • Voltage Requirements: 210V-240V • Digital Display: <ul style="list-style-type: none"> ◦ Temperature ◦ Speed • External Temperature Control: Yes • Magnetic Stirrer: Closed loop with 2" magnetic stirrer • Additional Features: <ul style="list-style-type: none"> ◦ Thermometer Holder 						
16	Inspection Dissecting Trinocular Zoom Stereo Microscope	unit	5	20,000.00		100,000.00

Specification:**Microscope Features:**

- **Magnification:** 7X-45X super widefield zoom magnification power
- **View:** 1-1/4" (33 mm) super widefield view
- **Working Distance:** 4" (100 mm)
- **Light Source:** 144-LED ring light with dimmer
- **Stand:** Sturdy all-metal pillar stand
- **Trinocular Port:** Allows for camera capabilities and two remaining ports for viewing
- **Optics:** High resolution with excellent flatness and contrast
- **Eyepieces:** 30 mm super widefield high-eyepoint eyepieces with 20 mm field of view
- **Adjustments:** Sharp stereo erect images, adjustable diopters, interpupillary distance adjustment
- **Construction:** Full optical glass elements, precise ground glass lenses, full metal chrome-plated mechanical components
- **Comfort:** Dual eye tubes with adjustable diopters, rubber eyeguards included
- **Manufacturing Standard:** ISO 9001 quality control standard
- **Warranty:** Five-year manufacturer warranty

Specifications:

- **Head:** 360-degree rotatable, 45-degree inclined trinocular
- **Eyepiece:** 30 mm super widefield high-eyepoint WH10X/20MM
- **Zoom Range:** 0.7X-4.5X
- **Diopter Adjustment:** ± 5 dp
- **Interpupillary Distance:** 2-3/16" - 2-15/16" (55-75 mm)
- **Working Distance:** 4" (100 mm)
- **Widefield View:** 1-1/4" (33 mm) super widefield
- **Illumination:** 144-LED compact ring light
- **Power Input:** 110-240V, 50-60 Hz, automatic switching
- **Stand Dimensions:** 10" x 7-7/8" x 10.75" (254 x 200 x 275 mm)
- **Round Plate:** 3-3/4" (95 mm) in diameter

Accessories Included:

- One Trinocular Stereo Zoom Head
- One Pair of Super Widefield 10X Eyepieces
- One 144-LED Compact Ring Light
- One Pillar Table Stand
- One Focusing Rack
- One Round Plastic Plate
- One Pair of Eye-Guards
- One Pair of Clips
- One Dust Cover
- User's Manual Download

17	labcoat	pc	10	4,000.00		40,000.00
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Specification:

Materials: Cotton or polyester blend, flame resistant and spill-proof

Button or snap closures, pockets, elastic cuffs

sizes: small, medium, large						
18	LABORATORY ALCOHOL LAMP PLASTIC COVER	pcs	5	150.00		750.00
Specification: Specifications: <ul style="list-style-type: none"> • Capacity: 50 ml • Material: Glass with plastic cover • Height: 118 mm • Dimensions: 6 cm x 16 cm x 9 cm • Use: Suitable for laboratory and craft applications 						
19	Laboratory Burette Stand	pc	2	1,000.00		2,000.00
Specification: <ul style="list-style-type: none"> • Type: Standard laboratory burette stand • Material: White polyethylene (PE) • Features: <ul style="list-style-type: none"> ◦ Heavy-duty ◦ Includes a polyethylene-coated metal rod that screws into the base ◦ Available with either: <ul style="list-style-type: none"> ▪ Hole in the center (center weighted) or ▪ Hole at the short edge (edge weighted) • Note: All three burette stands should be the same type (e.g., if center weighted, then all three should be center weighted) 						
20	Laboratory hygrometer. Specification: 7" touch screen	piece	1	35,000.00		35,000.00
Specification: <ul style="list-style-type: none"> • Display: 7" touch screen • Storage: At least 16GB, CSV storage format • Battery: 3000mAh Li-Ion, approximately 5 years battery life • Power Supply: 220V • Dimensions: 180 x 115 x 18 mm • Weight: About 450 g • Mounting: Wall-mounted 						
21	Laboratory Stool/Chair, Wheeled	pc	5	4,500.00		22,500.00
Specification: <ul style="list-style-type: none"> • Type: Laboratory Stool/Chair, Wheeled • Features: <ul style="list-style-type: none"> ◦ Anti-static ◦ Adjustable height: 40-60 cm ◦ Weight capacity: 300 lbs ◦ Ergonomic design with hip to mid-waist level back support ◦ Round footrest/foot ring ◦ Anti-slip seat material: Rugged polyurethane ◦ Number of wheels: 5 ◦ Polished aluminum base 						

<ul style="list-style-type: none"> ◦ Seat shape: Round ◦ Color: Black • Height Range: 20"-30" 						
22	Magnetic Bar Retriever color white,30 cm retriever high temp. resistant up to 250degree celcius,	pc	5	1,000.00		5,000.00
<p>Specification:</p> <p>Color: White</p> <p>Length: 30 cm</p> <p>Temperature Resistance:</p> <ul style="list-style-type: none"> • High temperature resistance up to 250°C • Maintains 5% elongation even at -196°C <p>Properties:</p> <ul style="list-style-type: none"> • High lubrication • Good mechanical toughness <p>Applications:</p> <ul style="list-style-type: none"> • Used for retrieving magnetic bars in high-temperature and cryogenic environments. 						
23	Magnetic Bar, 1.With the least of solid material surface tension, high and low temperature resistant	pc	3	1,100.00		3,300.00
<p>Specification:</p> <p>Material: PTFE (Polytetrafluoroethylene)</p> <p>• Properties:</p> <ul style="list-style-type: none"> ◦ Low surface tension with minimal solid material adherence ◦ High and low temperature resistant ◦ Corrosion resistant ◦ Non-toxic <p>Applications:</p> <ul style="list-style-type: none"> • Used in petroleum, pharmaceutical, chemical research, and educational analysis <p>Specifications:</p> <ul style="list-style-type: none"> • Color: White • Sizes: <ul style="list-style-type: none"> ◦ 40 x 15 x 15 mm ◦ 35 x 13 x 13 mm ◦ 30 x 11 x 11 mm ◦ 22 x 8 x 8 mm ◦ 18 x 7 x 7 mm ◦ 9 x 6 x 6 mm 						

◦ 8 x 5 x 5 mm

◦ 7 x 4 x 4 mm

Usage:

- Can be used in magnetic stirrers for stirring or heating liquids with low viscosity or solid-liquid mixtures

24	Microcentrifuge Tube Rack, 96 wells, for 0.2ml PCR tubes, reversable, 10pcs/pack	pack	20	2,500.00		50,000.00
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Specification:

Plastic

25	Microcentrifuge Tube, 2.0 ml, 1000pcs/pack, clear	pack	5	3,000.00		15,000.00
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Specification:

Attach snap cap

26	PCR Tubes, 0.2 ml, 1000pcs/pack, clear	pack	9	3,000.00		27,000.00
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27	Plug Kitchen Timer, digital, 220V, programmable sec-min display screen	unit	5	500.00		2,500.00
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Specification:

Plug Kitchen Timer

digital, 220V

programmable sec-min display screen

28	Sucrose/sugar refractometer, Digital, Max Measurement: +80°C, 85 %Brix, Min:0 %Brix, 0 °C	piece	1	35,000.00		35,000.00
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Specification:

Measurement Range:

- Maximum Temperature: +80°C
- Maximum Brix: 85%
- Minimum Brix: 0%
- Minimum Temperature: 0°C

Accuracy: ±0.2% Brix

Resolution:

- Brix: 0.1%
- Temperature: 0.1°C

Measurement Time: 1.5 seconds

Battery:

- Type: 9V

- Life: 5000 tests

Dimensions: 192 x 104 x 69 mm

Weight: 420 g or less

Temperature Compensation: Automatic between 10 and 40°C (50 to 104°F)

Light Source: Yellow LED

Sample: Liquid

Construction:

- Stainless Steel Ring
- Flint Glass Prism

Features:

- Auto-off after three minutes of non-use

29	Tall Laboratory Cabinet	pcs	4	30,000.00		120,000.00
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Specification:

- **Dimensions:** 36 x 18 x 72 inches
- **Doors:** 4 Transparent Glass Doors
- **Features:**
 - Anti-corrosive
 - Slip-resistant
 - Partitioned from top to bottom
 - Movable with rollers
- **Application:** Storing chemicals, lab supplies, and materials

30	Wash Bottle, 250mL cap.	pc	5	200.00		1,000.00
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Specification:

?Material: Plastic (good quality)

	TOTAL					895,250.00
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Purpose: Laboratory use

Checked by:			Funds Available:		
GENESIS C. ALBARICO			ALICIA M. FLORES		
TWG - Laboratory Equipment			HEAD, BUDGET OFFICE		
Signature:	Prepared by:	Noted by:	Approved by:		
Printed Name:	JOHN S. BAHANDI	JOY C. CODOG	PROSE IVY G. YEPES		
Designation:		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU		