



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

PURCHASE REQUEST

PPMP No. : **45-5-722-2023-7-0-2**

PR No.: **GF-2023-09-02320**

Date: **09-13-2023**

Dept./Office: **DBt**

Category: **Laboratory
Supplies**

Section/End-User: **Marciana B. Galambao**

Funding Source: **General Fund - MOOE**



Project Title/Code: **VSU-IP-2023-11**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	0.5M EDTA, 100 ml	btl	1	4,685.00	MARCIANA B. GALAMBAO	4,685.00
2	1 kb Plus DNA Ladder	btl	2	7,700.00		15,400.00
Specification: ?1ml						
3	10x TBE Buffer, 500 ml	btl	1	3,900.00		3,900.00
Specification: biotechnology grade						
4	5M NaCl, 250 ml	btl	1	4,250.00		4,250.00
Specification: biotechnology grade						
5	Absolute Ethanol - 99.5%	btls	1	5,000.00		5,000.00
Specification: Purity (GC): ? 99.5 % 1 bottle contains 1 liter						
6	Agarose, Certified Molecular Biology Grade	btl	1	15,900.00	MARCIANA B. GALAMBAO	15,900.00
Specification: <ul style="list-style-type: none"> • Certified molecular biology grade • For routine separation of ~ 100bp to 20kb • Free of DNA binders, inhibitors, DNases, RNases • Low sulfate content • Size: 125g per bottle 						
7	Amber Reagent Bottle, 100mL	pc	2	400.00		800.00
Specification:						

<ul style="list-style-type: none"> • With Stopper/Screw Cap • Material: Glass/Borosilicate Glass • Capacity: 100mL 						
8	Amber Reagent Bottle, 500mL	pc	2	750.00		1,500.00
Specification: <ul style="list-style-type: none"> • With Stopper/Screw Cap • Material: Glass/Borosilicate Glass • Capacity: 500mL 						
9	Autoclavable Plastic bag	pack	1	3,600.00		3,600.00
Specification: <ul style="list-style-type: none"> • 12x24 inches • 100 pcs / pack • 2mm thickness 						
10	Centrifuge tube, 50 ml, sterile	pack	2	1,250.00	MARCIANA B. GALAMBAO	2,500.00
Specification: polypropylene, free standing, flat screw cap, 25 pcs/pack						
11	Centrifuge tubes, 15 ml, sterile	pack	2	1,250.00	MARCIANA B. GALAMBAO	2,500.00
Specification: polypropylene, flat screw cap, 25 pcs/pack						
12	Cooler, 26 liters, wheeled	unit	1	4,500.00		4,500.00
Specification: Material: Polyethylene, Polypropylene, Urethane foam Capacity: Approx. 26L Weight: Approx. 3.3 kg BPA Free Easy draining: Rustproof, leak-resistant channel drain for non-tilt draining Reversible hinged lid Easy to carry with a long handle Large heavy duty wheels						
13	Delicate Task Wiper	pack	5	200.00		1,000.00
Specification: <ul style="list-style-type: none"> • 4.4 x 8.4 inches • Low lint and low extractable 						

<ul style="list-style-type: none"> • Absorbs 18 percent more water than other private label wipers • Absorbs water 24 percent faster than other private label wipers • One at a time dispensing • Won't scratch delicate surfaces when wet 						
14	GelRed Nucleic Acid Gel Stain	tubes	2	8,000.00	MARCIANA B. GALAMBAO	16,000.00
Specification: <ol style="list-style-type: none"> 1. GelRed is a fluorescent nucleic acid stain designed to replace the highly toxic ethidium bromide (EtBr) for staining dsDNA, ssDNA or RNA in agarose gels or polyacrylamide gels. 2. It is also compatible with downstream DNA manipulations such as restriction digest, sequencing, and cloning. 3. Easy disposal: Passed environmental safety tests for direct disposal down the drain or in regular trash 4. Ultra-sensitive: Much more sensitive than EtBr and SYBR® Safe 5. Extremely stable: Available in water, stable at room temperature for long-term storage and microwavable 6. Simple to use: Very simple procedures for precast or post-electrophoresis gel staining 7. Compatible with a standard UV transilluminator : Replaces EtBr with no optical setting change 8. Compatible with downstream applications : Compatible with gel purification, restriction digest, sequencing and cloning. 9. Each tube contains 0.5ml. 						
15	Gloves, Nitrile, Medium	box of 50's	4	1,500.00	MARCIANA B. GALAMBAO	6,000.00
Specification: <p>?Glove Type: Chemical Resistant Disposable Gloves</p> <p>?Glove Material: Nitrile</p> <p>?Powder-Free</p> <p>?1 box of 100 or 50 pairs</p> <p>?Food Safe</p> <p>?Size: Medium</p>						
16	Gloves, Nitrile, Small	box of 50's	4	1,500.00	MARCIANA B. GALAMBAO	6,000.00
Specification: <p>?box of 100-50 pairs, small</p> <p>?natural rubber latex-free, powderless</p> <p>?micro grip</p>						
17	Ice pan, 4L, with lid	piece	1	10,000.00	MARCIANA B. GALAMBAO	10,000.00
Specification: <ul style="list-style-type: none"> • Size: Medium • Capacity: approx. 4 L (1.05 gal.) • Good insulating properties • Polyurethane foam construction • Pouring lip for easy draining 						
18	Labware Detergent or Laboratory Dishwashing Liquid	btl	1	2,500.00		2,500.00
Specification: <p>?Suitable for manual, ultrasonic, and machine washing</p> <p>?Completely biodegradable</p>						

?Free of phosphate, chlorine, enzyme, and EDTA ?Contains anionic and cationic surfactants ?5 liters per bottle						
19	Loading Dye for Electrophoresis	Vial	1	3,100.00	MARCIANA B. GALAMBAO	3,100.00
Specification: Loading Dye for Electrophoresis, (2-3 colors) 6x min. concentration, at least 3ml volume PER VIAL						
20	Micro Tube Brush	pack	1	1,500.00		1,500.00
Specification: <ul style="list-style-type: none"> • For microcentrifuge tubes • Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot water. • Length: at least 7 inches • Brush size diam. x L: utmost 3/16 - 1/2 in. x 3 in. • Pack of 4 brushes 						
21	Microcentrifuge Tubes (0.6mL Capacity)	pack	1	1,500.00		1,500.00
Specification: <ul style="list-style-type: none"> • 0.6mL Capacity • clear • safe-lock • pack of 1000 • autoclavable 						
22	Microcentrifuge Tubes (1.5mL Capacity)	pack	1	1,000.00		1,000.00
Specification: ?1.5mL Capacity ?clear ?safe-lock ?pack of 1000 ?autoclavable						
23	Microcentrifuge tubes, 0.2 ml, with cap, clear, sterile	pack	1	2,500.00		2,500.00
24	Microtube Storage Boxes	packs	1	3,500.00	MARCIANA B. GALAMBAO	3,500.00
Specification: ?100-Well Microtube Storage Boxes. ?For 1.5-2.0 mL microtubes storage. ?Pack of 5 ?Ideal for laboratory storage at -80 degree celcius						
25	Proteinase K, 100 mg	tube	1	15,000.00	MARCIANA B. GALAMBAO	15,000.00
Specification:						

broad-spectrum serine protease, molecular biology grade						
26	RNAse A	kit	1	12,000.00	MARCIANA B. GALAMBAO	12,000.00
Specification: certified free of contaminating DNases, RNases, phosphatases, and nickases for improved sample security						
27	RNAse-free water	btl	1	5,400.00		5,400.00
Specification: Biotechnology grade, 1L						
28	Soil DNA extraction kit, 50 preps	kit	2	45,072.00		90,144.00
Specification: isolates total DNA from diverse soil types; silica membrane technology; handling through centrifugation; sample material used: sediment, sludge, soil						
29	Transparent ziplock bags (20 x 30cm)	per 100 pcs.	1	200.00	MARCIANA B. GALAMBAO	200.00
Specification: Transparent, 20cm x 30cm						
TOTAL						241,879.00
Purpose: For electrophoresis						
Checked by:  ELIZABETH S. QUEVEDO TWG - Laboratory Supplies				Funds Available:  ALICIA M. FLORES HEAD, BUDGET OFFICE		
Signature:	Requested by:		Noted by:		Approved by:	
Printed Name:	MARCIANA B. GALAMBAO		MARCIANA B. GALAMBAO		EDGARDO E. TULIN	
Designation:	END USER		UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU	