



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

PURCHASE REQUEST

PPMP No. : PPMP-2024-050924-0102

PR No.: TF-2024-07-01452

Date: 08-19-2024

Dept./Office: DSS

Category: Laboratory
SuppliesDuration: 2023-11-01
to
2024-10-31

Section/End-User: Emn A. Manguilimotan

Funding Source: Trust Fund

Project Title/Code: 20201050-1.120

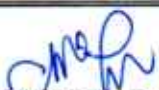
Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Ammonium Acetate, AR, 500g	pack	2	1,800.00		3,600.00
2	Ammonium Flouride	500gms	2	1,000.00		2,000.00
Specification: ?White crystalline ?ACS reagent, ?98.0% ?500g						
3	ammonium molybdate	500gms	1	17,000.00		17,000.00
Specification: ammonium molybdate, analytical reagent - 500 g.						
4	Ammonium Nitrate	kl	1	10,000.00		10,000.00
Specification: ?AR grade; at least 98% purity ?Molecular Wt. 80.043 grams per mol. ?1kg/pack						
5	Anhydrous Sodium Sulfate, AR	btl	1	2,000.00		2,000.00
Specification: - Analytical grade - Anhydrous - Powder form - Size: 500g per bottle						
6	Calcium Chloride Dihydrate	btl	2	2,000.00		4,000.00
Specification: ?Branding the chemical to be purchase is following the protocol set for the project's protocol and standards ?Chemical must be plant tissue culture tested for at least 20 years ?ISO complaint ?ACS REAG ?PH EUR ?meets USP Standards						

?Bioreagent suitable for cell culture ?500g						
7	Cobalt Chloride, at least 500g/btl.	btl	1	8,000.00		8,000.00
Specification: ?Anhydrous ?Lab grade/ Analytical reagent grade ?Expiration date(3 years from the delivery date) ?Packed in Teflon bottles						
8	Copper Chloride, Analytical Grade, 500g/btl	btl	2	1,500.00		3,000.00
Specification: ?Analytical grade, 500g per bottle						
9	Devarda's Alloy, 250gms	btl	1	2,000.00		2,000.00
Specification: Specification: Devarda's alloy (CAS # 8049-11-4), is an alloy of aluminum (44% – 46%), copper (49% – 51%) and zinc (4% – 6%).						
10	DTPA (Diethylenetriaminepentacetic acid), AR, 250g./btl.	btl	1	3,000.00		3,000.00
11	EDTA (ethylenediaminetetraacetic acid), 500g/bot	500ml/bot	1	4,000.00		4,000.00
12	Ethanol	gallon	3	1,500.00		4,500.00
Specification: AR grade, 2.5L, at least 95% v/v						
13	Filter Paper, 12.5 cm. Ashless #42 or equivalent	boxes	40	2,220.00		88,800.00
Specification: ?Pore size:2.5um ?at least 100 pcs. per box						
14	Graduated Cylinder 10mL (Translucent Plastic)	liters	1	300.00		300.00
Specification: 1-10 mL graduated cylinder (Translucent Plastic)						
15	Graduated Cylinder, Glass, 100mL	pcs	1	300.00		300.00

Specification: ?100mL capacity ?borosilicate glass						
16	Graduated Cylinder, Plastic, 1000mL	pc	30	400.00		12,000.00
Specification: Plastic, 1000ml (1L) capacity for Particle Size Analysis						
17	Hand Soil Auger	unit	1	3,500.00		3,500.00
Specification: ?Material: stainless steel ?Auger length: 25cm ?Length: 0.5m ?External Diameter: 38mm						
18	Hydrochloric acid, HCl	btls	8	2,000.00		16,000.00
Specification: Analytical reagent grade, concentrated, 2.5L/bottle						
19	Magnesium Chloride	btl	2	1,050.00		2,100.00
Specification: • 500g/bottle • AR Grade						
20	Magnesium chloride, MgCl₂	btl	2	3,000.00		6,000.00
Specification: ?1kg per bottle ?colorless crystalline solid ?Properties: ?Quality Level: 300 ?Grade: anhydrous ?Assay: ?98% ?Form: powder ?Impurities: ?0.5% Insolubles ?bp: 1412 °C/1 atm (lit.) ?mp: 714 °C (lit.) ?Density: 2.32 g/mL at 25 °C (lit.)						
21	Manganese Chloride, Analytical Grade, 500g/btl	btl	2	1,500.00		3,000.00
Specification: ?AR grade, 500g per bottle						
22	Microscope Slides and cover slips	boxes	2	370.00		740.00
Specification:						

?Pre-Cleaned Blank slides with 50pcs./box 22 x 22 mm square Cover Slip						
23	Nitric acid, HNO3	btls	1	3,600.00		3,600.00
Specification: Concentrated, Analytical reagent grade, 2.5L/bottle						
24	Nutrient Agar, 500g Bottle	btl	1	3,000.00		3,000.00
Specification: • to be used for the culture of test organisms • nutrient medium used for the cultivation of microbes supporting growth of a wide range of non-fastidious organisms • 500g bottle • recommended for the cultivation of less fastidious microorganisms from clinical and nonclinical samples. It can be enriched with blood or other biological fluids. Ingredients: • Peptone - 5 gms/liter • HM Peptone B # - 1.50 gms/liter • Yeast Extract - 1.50 gms/liter • Sodium Chloride - 5.00 gms/liter • Agar - 15.00 gms/liter • Final pH (at 25?) 7.4±0.2 • **Formula adjusted, standardized to suit performance parameters • *Equivalent to Beef extract						
25	Oxalic Acid Dihydrate	btl	1	4,500.00		4,500.00
Specification: analytical grade 500g/bottle						
26	Parafilm M PM-996 All Purpose Laboratory Film Parafilm sealing film 4 x 125ft	roll	2	2,800.00		5,600.00
27	Phenolphthalein	btl	1	2,000.00		2,000.00
Specification: • 25 grams per bottle • Description: White crystalline powder						
28	Potassium Chloride 500g	kgs	5	2,000.00		10,000.00

Specification: ?Chemical must be plant tissue culture tested for at least 20 years ?ISO complaint ?ACS REAG ?PH EUR ?meets USP Standards ?Bioreagent suitable for cell culture						
29	Potato Dextrose Agar (500g)	btl	2	3,500.00		7,000.00
Specification: • Powder form						
30	Sodium Chloride	btl	2	1,000.00		2,000.00
Specification: Analytical Reagent Grade 500g per bottle						
31	Sodium Citrate Bottle	btl	1	3,000.00		3,000.00
Specification: Sodium Citrate is the sodium salt of citric acid. It is white, crystalline powder or white, granular crystals, slightly deliquescent in moist air, freely soluble in water, practically insoluble in alcohol. • It is used as alkalinizing agent by neutralizing excess acid • 1kg-bottle						
32	Sodium Hexametaphosphate, 500g	btl	5	800.00		4,000.00
33	Sodium Hydroxide, Technical Grade, Flakes 25kgs/bag	bags	2	2,750.00		5,500.00
34	Sodium phosphate monobasic, NaH ₂ PO ₄	btl	1	4,000.00		4,000.00
Specification: • Analytical grade • For use as enzyme buffer and other chemical assays • Bottle of at least 500g						
35	Stainless Steel Mesh Sieve (Set)	set	1	15,000.00		15,000.00
Specification: ?Mesh Type: Stainless Steel Mesh ?Sieve Frame: Stainless Steel Frame ?Measurement of 6 sieves: ?No. 5 (4,000 micron) ?No. 10 (2,000 micron) ?No. 35 (500 micron) ?No. 60 (250 micron) ?No. 120 (125 micron) ?No. 230 (63 micron) ?Sieve diameter: 7 inches (approximation)						

?Includes: Lid and Catch Pan for every sieve						
36	Strontium Chloride	btl	1	479.00		479.00
Specification: ?Anhydrous ?Lab grade/ Analytical reagent grade ?Expiration date(3 years from the delivery date) ?Packed in Teflon bottles						
37	Sucrose	btl	1	1,500.00		1,500.00
Specification: Analytical Reagent Grade 500g per bottle						
38	Sulfuric Acid	btl	8	1,750.00		14,000.00
Specification: ?Analytical Grade (98%) ?2.5 Liters ?specific gravity 1.84						
39	Transparent ziplock bags (20 x 30cm)	per 100 pcs.	3	200.00		600.00
Specification: Transparent, 20cm x 30cm						
40	Triethanolamine, AR	liters	1	3,000.00		3,000.00
41	Trizol Reagent 100ml	btl	1	29,500.00		29,500.00
42	Zinc Chloride, Analytical Grade, 500g/btl	btl	2	1,500.00		3,000.00
Specification: ?AR grade, 500 g per bottle						
TOTAL						317,119.00
Purpose: Project Purposes						
Checked by:  GENESIS C. ALBARICO TWG - Laboratory Supplies				Funds Available:  NICK FREDDY R. BELLO (OIC) HEAD, ACCOUNTING OFFICE		
Signature:	Prepared by:		Noted by:		Approved by:	
Printed Name:	EMN A. MANGUILIMOTAN		VICTOR B. ASIO		PROSE IVY G. YEPES	
Designation:			UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU	