



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

PURCHASE REQUEST

PPMP No.: 22-1-350-2023-6-0-3

PR No.: **GF-2023-08-01343**

Date: 08-02-2023

Dept./Office: NARC

Category: Laboratory

Duration: 2023-07-01

Section/End-User: Luz O. Moreno

Supplies

to

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Ju

#:

Funding Source: General Fund - MOOE

Project Title/Code: VSU-IP-2023-2

2023-12-31

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1000mL Beaker Plastic	рс	2	400.00		800.00
	Specification:					000.00

1000mL Beaker Plastic

The polypropylene beaker has excellent transparency and the contents can be seen well.

Can be autoclaved.

Has excellent chemical resistance and durability

Specification: With scale, with handle

Material: Polypropylene (PP)

Type: Beaker with handle

Scale: Yes

Heat Resistance Temperature (?): 120

Handle: Yes

L	riande. Tes					_							
	2 2.4-Dichlorophenoxyacetic acid	grams	1	3,500.00		3,500.00							
Г	Specification:												
	2.4-Dichlorophenoxyacetic acid plant growth regulator 2,4-D used for Plant tissue culture												
3	Activated Charcoal suitable for plant cell and tissue culture (5g)	gms	1	2,500.00		2,500.00							
	Specification:												
	5 grams												
4	Agar for plant cell and tissue culture	500gms	1	6,000.00		6,000.00							

	Specification:							
	500 grams							
1								
9	5 Ammonium Nitrate		kI	2				
	Specification:				5,500.	00 LUZO, MC	PREHO	11,000.00
	?AR grade; at least 98% purity							
	?Molecular Wt. 80.043 grams pe	r mol.						
	?1kg/pack							
	6 Ammonium Sulfate, 500g/btl.		btl					
	Specification:		וומ	2	650.0	UZ O, MOS	6H0	1,300.00
-	?Anhydrous							
-	?Lab grade/ Analytical reagent gra	ado						
	Expiration date(3 years from the	delivery d	latel					9
	?Packed in Teflon bottles	,	.u.c)					
7	Ascorbic acid							
	Specification:		otl	1	1,800.00			1,800.00
1	?Analytical research							,,,,,,,,,,
	?Analytical reagent grade, crystallin	e powde	r, 25 g	g/bottle				
8	- June		С	2	600.00			
	Specification: Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved.	lent trans	parer		e contents can be seen		900	1,200.00
ì	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP)	lent trans	parer				NO	1,200.00
ì	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance an Specification: With scale, with handle	lent trans	parer				NO	1,200.00
7	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP)	lent trans	parer				NO	1,200.00
1	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle	lent trans	parer				NO	1,200.00
s H	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle Scale: Yes	lent trans	parer				NO	1,200.00
S H Ha	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle Scale: Yes leat Resistance Temperature (?): 120	lent trans	parer				NO I	1,200.00
S H Ha Ga	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle Scale: Yes Jeat Resistance Temperature (?): 120 Jandle: Yes Jood quality Inzylaminopurine (BAP) suitable plant cell and tissue culture	lent trans	parer					4,000.0
S H Ha Go Ber for (5g)	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle Scale: Yes Jeat Resistance Temperature (?): 120 Jandle: Yes Jood quality Inzylaminopurine (BAP) suitable plant cell and tissue culture	lent trans	parer	ncy and the	e contents can be seen	well.		
S H Ha Go Ben for (5g)	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle Scale: Yes leat Resistance Temperature (?): 120 andle: Yes bod quality nzylaminopurine (BAP) suitable plant cell and tissue culture	lent trans	parer	ncy and the	e contents can be seen	well.		
S H Ha Go (5g)	Beaker Plastic 5000mL The polypropylene beaker has excel Can be autoclaved. Has excellent chemical resistance and Specification: With scale, with handle Material: Polypropylene (PP) Type: Beaker with handle Scale: Yes leat Resistance Temperature (?): 120 andle: Yes bod quality nzylaminopurine (BAP) suitable plant cell and tissue culture cification:	lent trans	parer	ncy and the	e contents can be seen	well.		

 Certified molecular biology grade Suitable for electrophoresis, ?99.5% Size: 500g per bottle Buffer solution, pH 7, 1000 ml. btl 1 Calcium Chloride Dihydrate 1,000.00 1,000.00 btl 2 2,000.00 Specification: LUZ O, MORENO 4,000.00 ?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 Calcium Nitrate standard for AAS, Analytical reagent btls 3 3,100.00 LUZ O. MORENO Cobalt chloride (CoCl2, 6H2O) 9,300.00 14 suitable for plant cell and tissue btl culture 1 1,600.00 LUZ O. MORENO 1,600.00 Specification: ?Molecular weight: 249.6 ?500g 15 Copper sulfate, CuSO4 btl 1,800.00 Specification: LUZ O. MORENO 1,800.00 ?Anhydrous, Analytical reagent grade, 500g/bottle Ethylenediaminetetraacetic acid 16 disodium salt (Na2-EDTA) suitable btl 1 for plant cell and tissue culture 1,500.00 LUZ O. MORENO 1,500.00 Specification: 500 grams 17 | Ferrous Sulphate btl 1 1,500.00 LUZ O, MORENO

1,500.00

7,400.00

Specification:

?500 G

18 | Glycine

Specification:

?Analytical Grade

?Molecular biology, ?99.0% assay quality

?Suitable for protein analysis, SDS-PAGE and Western blot

btl

1

7,400.00

?DNases and Rnases free

?Phosphatases and proteases free

?Crystalline form

fication: sel Handle # 3 stainless steel scalpel handle It has a curved cutting edge It is used for plant tissue cult Good quality scalpel # 4 stainless steel scalpel handle It has a curved cutting edge a It is used for plant tissue culture Scalpel # 4 stainless steel scalpel handle It has a curved cutting edge a It is used for plant tissue culture Good quality loric acid, HCI ion:	pcs pcs	otched back for	a more secure hold 500.00		1,000.00
stainless steel scalpel handle It has a curved cutting edge It is used for plant tissue cult Good quality scalpel # 4 stainless steel scalpel handle It has a curved cutting edge a It is used for plant tissue cultur Good quality	pcs pcs	otched back for	a more secure hold 500.00		1,000.00
It has a curved cutting edge It is used for plant tissue cult Good quality scalpel # 4 stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultu Good quality loric acid, HCI	pcs is used with	otched back for	a more secure hold 500.00		1,000.00
It has a curved cutting edge It is used for plant tissue cult Good quality scalpel # 4 stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultu Good quality loric acid, HCI	pcs is used with	otched back for	a more secure hold 500.00		1,000.00
Good quality scalpel # 4 stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultur Good quality loric acid, HCI	pcs is used with	2	500,00		1,000.00
scalpel # 4 Scalpel # 4 Stainless steel scalpel handle It has a curved cutting edge a It is used for plant tissue cultur Scood quality	is used with		•		1,000.00
sation: Scalpel # 4 Stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultu Good quality	is used with		•		1,000.00
Scalpel # 4 stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultu Good quality	is used with		•		1,000.00
stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultu Good quality	ind a flat no	h scalpel blade # otched back for a	22 more secure hold		
stainless steel scalpel handle t has a curved cutting edge a t is used for plant tissue cultu Good quality	ind a flat no	h scalpel blade # otched back for a	22 I more secure hold		
t is used for plant tissue cultu Good quality	ind a flat no	h scalpel blade # otched back for a	22 more secure hold		
t is used for plant tissue cultu Good quality	ind a flat no	otched back for a	more secure hold		
Good quality	re		and make		
oric acid, HCI					
oric acid, HCI					
loric acid, HCI					
ion:					
	btls	1	1,000.00		1,000,0
					1,000.0
reagent grade, concentrated	d, 2.5L/bottl	е			
the state of the s					
and tissue culture (5a)	r bti	1	3 500 00		
on:			3,300,00	LUZ O. MORENO	3,500.0
ric acid (IBA)	ams	4			
	giris	1	3,500.00	LUZ O. MORENO	3,500
				11 12 (1)	
plant tissue culture 5 gms.					
	T - T	12101 12 (0)			
the first of the second of the	gms	1	3,500.00		3,50
			10	Committee of the second of the	
	tic acid (IAA) suitable fo and tissue culture (5g) on: ric acid (IBA) n: plant tissue culture 5 gms.	ric acid (IBA) gms n: plant tissue culture 5 gms. gms	ric acid (IBA) gms 1 plant tissue culture 5 gms. gms 1	and tissue culture (5g) on: ric acid (IBA) gms 1 3,500.00 n: plant tissue culture 5 gms. gms 1 3,500.00	on: Signature Signature

	26 Magnetic Bar Set	0.0								
	Specification:	set	1	4,000.00		1000				
-	• 7pen of Minutes					4,000.00				
	 7pcs of Mixed size PTFE Mag Stir Bore Mixed 	netic Stir	rer Mixer							
-	Dars White Color Without	Diver Di	g							
1	Shape: Cylinder without Pivot Feature:	Ring								
1	 Feature: corrosion resistance Quantity: 7 pcs 									
1	• Size: 7pcs of Mixed									
	• size : C5*15mm . Course					1				
1	• size :C5*15mm C6*20mm C	6*25mm	C7*25mm			1				
	- C/*40	mm								
2	Manganese sulfate (MnSO4, H2O)	and I have been dearly as a second	And the second s							
L	suitable for plant cell and tissue culture	btl								
	Specification:		1	1,100.00	LUZ O, MORENO	4 400 00				
						1,100.00				
	500 grams									
	Molybdia									
28	Molybdic acid (sodium salt) (Na2MoO4, 2H2O) suitable for plant cell and tissue authorized.									
_	plant cell and tissue culture	btl	1							
	Specification:			2,200.00	LUZ O. MORENO	2,200.00				
						2,200.00				
Espera ser	500grams, AR									
29	Myo-inositol suitable for plant cell									
-0	and tissue culture (100gms)	btl	4							
	Specification:	- "	1	2,000.00		2,000,00				
	100					2,000.00				
	100 grams									
0	Naphthaleneacetic Acid, 5g									
-	Specification:	btl	1	3,400.00						
			Company of the Compan		LUZ O. MORENO	3,400.00				
	?Branding the chemical to be purchase in ?Chemical must be plant tissue culture to	c follows:	- 0							
	?Chemical must be plant tissue culture to	S IUIIOWIY	ng the protoc	ol set for the project's prot	ocol and standards					
	?ISO complaint	ested for	at least 20 y	ears						
	?ACS REAG					1				
	?PH EUR									
	Pmeets USP Standards									
	PBioreagent suitable for cell culture									
N	icotinic acid suitable for plant		The state of the s							
CE	ell and tissue culture (100g)	btl	1	3,000.00	LUZ O. MORENO	2,000,0				
	ecification:					3,000.0				
40	00 grams									
10	4 Buffer									
	- Dullet	btl	1	1,200.00		1,200.				
рН	ecification:		-400-			1,200.0				

33 Plastic Graduated Cylinde	r	grams	2	300.00		
Specification:				390.00		600.0
Plastic Graduated	Cylind	ler				
Capacity?50ml						
Material?Plastic						
Color?Translucent						
Shape?Cylindrical						
Tolerance?1ml						
Graduated in milliliters?1ml						
34 Potassium iodide, KI						
Specification:		btl	1	5,000.00		5.000.00
?Analytical reagent grade, powder				,		5,000.00
35 Potassium Nitrate	, 500g/bo	ottle				
Specification:		kl	2	5,800.00	LUZ O, MORENO	
?AR grade						11,600.00
Charmeda, Mara						1
?Formula: KNO3						
? <u>Formula</u> : KNO3 ? <u>Molar wt</u> : 101.1032 g/mo ?1kg/pack						
? <u>Molar wt</u> : 101.1032 g/mo ?1kg/pack						
? <u>Molar wt</u> : 101.1032 g/mo ?1kg/pack Potassium phosphate monobasio KH2PO4	c, btl	2		1,450.00	LUZ Q. MORENO	
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasi	c, btl	2		1,450.00	LUZ O, MORENO	2,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade	Dti			1,450.00	LUZ O, MORENO	2,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che	Dti			1,450.00	LUZ O. MORENO	2,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g	Dti			1,450.00	LUZ O. MORENO	2,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCI suitable for plant	emical as	ssays				
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g	Dti			1,450.00 4,900.00	LUZ O. MORENO LUZ O. MORENO	2,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCI suitable for plant cell and tissue culture(25g) Specification:	emical as	ssays				
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCl suitable for plant cell and tissue culture(25g) Specification:	emical as	ssays				
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCI suitable for plant cell and tissue culture(25g) Specification: 25 grams etriever	emical as	ssays		4,900.00	LUZ O, MORENO	4,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCl suitable for plant cell and tissue culture(25g) Specification:	emical as	ssays 1				
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCl suitable for plant cell and tissue culture(25g) Specification: 25 grams etriever ecification:	emical as	ssays 1		4,900.00	LUZ O, MORENO	4,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCI suitable for plant cell and tissue culture(25g) Specification: 25 grams etriever	emical as	ssays 1		4,900.00	LUZ O, MORENO	4,900.00
?Molar wt: 101.1032 g/mo ?1kg/pack Potassium phosphate monobasic KH2PO4 Specification: • Analytical grade • Use for enzyme buffers and che • Bottle of 500g Pyridoxine.HCl suitable for plant cell and tissue culture(25g) Specification: 25 grams etriever ecification:	emical as	ssays 1	teel core	4,900.00 650.00	LUZ O, MORENO LUZ O, MORENO	1,300.0

	A						
	Size? Length 250 mm						
Need	Material?Steel & PTFE?Poly	tetrafluoro	ethylene?				
No.	Color: White						
1	39 Sodium Hydroxide, AR 500 Specification:	0G	btls	1	1,200.00		1,200.00
	?500 g/bottle, AR, Pellets						
	40 Surgical Blade # 11 (100's)		per 100	1	1,000.00		1,000.00
	Specification:		pcs.				
	Surgical Blade # 11	(100's)				
	Carbon steel						
	Stainless steel						1
	 Individually packed on sterile po 	ouches					
- 1	Disposable ?Sold per box (100):						
1	Good Quality	-,					
-	- Launy				7		
	11 Surgical Blade # 22 (100's)		er 00	1	1,000.00		1,000.00
Γ	Specification:] po					22.1.
- 1	Surgical Blade # 22 (10	າດ່ວາ					
- 1		, o s j					- 1
- 1	Carbon steel						,
- 1	Stainless steel						
- 1	Individually packed on sterile pouch	es					
1	Disposable ?Sold per box (100's)						1
-	Good quality						
1	occu quanty						
42 Th	iamine.HCl suitable for plant Il and tissue culture (25gms)	btl	1		4,900.00	LUZ O. MORENO	4,900.00
Spe	cification:						
25 9	grams						
Thui	mb Tissue Forcep for						
43 Diss	ection	pc	2		700.00		1,400.00
0133					1		

4									
	Specification:								
	Thumb Tissue Force	p for	Dissed	ction					
	Features:								
	Stainless Steel Matte Finish Autoc	clavable /	Available i	in Serrat	ed or	1v2			
1	teeth: 8 inches long				0	1,72			
	_	amen h	-144						
f	Thumb Tissue Forcep are used to feature two blades designed to gra	grasp, no sp tissue	and com	ianipula e in a va	te tissi ariety d	ue during surgica of handle styles, I	I procedures. engths, and i	Surgical Thumb aw patterns.	Tissue Forceps
44 T	Ween 80		0ml/bot	1	_	3,500.0			3,500.00
Sp	ecification:					0,000.	50		3,500.0
Tv	veen 80 (polysorbate 80, polyoxye	ethylene	sorbitan r	nonoole	ate) is				
1	n-ionic surfactant used for plant ti				010/13	,			
		ssue cuit	ure.						
45 suit	c sulfate (ZnSO4, 7H2O) able for plant cell and tissue	b	ы	1		1,200.00	UZO	Massila	
cunt	ure			•		1,200.00	102 0	. MORENO	1,200.0
Spec	ification:								
	ecular weight: 287.54								
?500g	grams								
	TOTAL			T					425 200 0
Purpose: Fo	or Research								135,300.0
									
Checked by:	anwered					Funds Availal	ble:	() 1/	
	ELIZABETH S. QUEV	/EDO					ALICI	A.M. FLORES	- 1
	TWG - Laboratory Sup	pplies				HEAD, BUDGET OFFICE			
	Requested by:	Note	d by:					Approved by:	
Signature:	- James			>	~~	_		/ \	W
Printed Name:	LUZ O. MORENO					MORENO EDGARDO È. TUL			
esignation:	END USER		UNIT	HEAD	, PR	OJECT LEAD	ER	PRESI	DENT, VSU 1
								\	