



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
Supplies

Duration: 2023-07-01
to

Section/End-User: Luz O. Moreno

2023-12-31

Funding Source: General Fund - MOOE

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

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1000mL Beaker Plastic	pc	2	400.00		800.00

Specification:

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

2	2,4-Dichlorophenoxyacetic acid	grams	1	3,500.00		3,500.00
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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
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Specification:

5 grams

4	Agar for plant cell and tissue culture	500gms	1	6,000.00		6,000.00
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Specification:

500 grams

5	Ammonium Nitrate	kl	2	5,500.00	LUZ O. MORENO	11,000.00
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Specification:

?AR grade; at least 98% purity
 ?Molecular Wt. 80.043 grams per mol.
 ?1kg/pack

6	Ammonium Sulfate, 500g/btl.	btl	2	650.00	LUZ O. MORENO	1,300.00
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Specification:

?Anhydrous
 ?Lab grade/ Analytical reagent grade
 ?Expiration date(3 years from the delivery date)
 ?Packed in Teflon bottles

7	Ascorbic acid	btl	1	1,800.00		1,800.00
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Specification:

?Analytical reagent grade, crystalline powder, 25 g/bottle

8	Beaker	pc	2	600.00	LUZ O. MORENO	1,200.00
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Specification:

Beaker Plastic 5000mL

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

Good quality

9	Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g)	btl	1	4,000.00	LUZ O. MORENO	4,000.00
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Specification:

5 grams

10	Boric acid, AR	btl	1	2,000.00		2,000.00
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Specification:

- Certified molecular biology grade
- Suitable for electrophoresis, 99.5%
- Size: 500g per bottle

11	Buffer solution, pH 7, 1000 ml.	btl	1	1,000.00		1,000.00
12	Calcium Chloride Dihydrate	btl	2	2,000.00	LUZ O. MORENO	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

13	Calcium Nitrate standard for AAS, Analytical reagent	btl	3	3,100.00	LUZ O. MORENO	9,300.00
14	Cobalt chloride (CoCl ₂ , 6H ₂ O) suitable for plant cell and tissue culture	btl	1	1,600.00	LUZ O. MORENO	1,600.00

Specification:

- ?Molecular weight: 249.6
- ?500g

15	Copper sulfate, CuSO ₄	btl	1	1,800.00	LUZ O. MORENO	1,800.00
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Specification:

- ?Anhydrous, Analytical reagent grade, 500g/bottle

16	Ethylenediaminetetraacetic acid disodium salt (Na ₂ -EDTA) suitable for plant cell and tissue culture	btl	1	1,500.00	LUZ O. MORENO	1,500.00
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Specification:

- 500 grams

17	Ferrous Sulphate	btl	1	1,500.00	LUZ O. MORENO	1,500.00
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Specification:

- ?Analytical Grade
- ?500 G

18	Glycine	btl	1	7,400.00		7,400.00
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Specification:

- ?Molecular biology, 99.0% assay quality
- ?Suitable for protein analysis, SDS-PAGE and Western blot
- ?DNases and RNases free
- ?Phosphatases and proteases free
- ?Crystalline form

?Bottle of at least 500g

19	good quality Scalpel Handle #3	pcs	2	500.00	LUZ O. MORENO	1,000.00
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Specification:

Scalpel Handle # 3

- stainless steel scalpel handle is used with scalpel blade # 11
- It has a curved cutting edge and a flat, notched back for a more secure hold
- It is used for plant tissue culture
- Good quality

20	Holder scalpel # 4	pcs	2	500.00		1,000.00
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Specification:

Holder Scalpel # 4

- stainless steel scalpel handle is used with scalpel blade # 22
- It has a curved cutting edge and a flat, notched back for a more secure hold
- It is used for plant tissue culture
- Good quality

21	Hydrochloric acid, HCl	btl	1	1,000.00		1,000.00
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Specification:

Analytical reagent grade, concentrated, 2.5L/bottle

22	Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g)	btl	1	3,500.00	LUZ O. MORENO	3,500.00
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Specification:

5 grams

23	indolebutyric acid (IBA)	gms	1	3,500.00	LUZ O. MORENO	3,500.00
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Specification:

Suitable for plant tissue culture 5 gms.

24	Kinetin	gms	1	3,500.00		3,500.00
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Specification:

Kinetin is often used in plant tissue culture for inducing formation of callus (in conjunction with auxin) and to regenerate shoot tissues from callus (with lower auxin concentration).

5	Magnesium Sulphate (MgSO ₄ .7H ₂ O) suitable for plant cell and tissue culture	btl	2	1,100.00	LUZ O. MORENO	2,200.00
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Specification:

- Wt. 169.01
- Colourless efflorescent crystals

- 500 grams

26	Magnetic Bar Set	set	1	4,000.00		4,000.00
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Specification:

- 7pcs of Mixed size PTFE Magnetic Stirrer Mixer
- Stir Bars White Color Without Pivot Ring
- Shape: Cylinder without Pivot Ring
- Feature: corrosion resistance
- Quantity: 7 pcs
- Size: 7pcs of Mixed
- size :C5*15mm C6*20mm C6*25mm C7*25mm
- C9*30mm C8*35mm C7*40mm

27	Manganese sulfate (MnSO ₄ , H ₂ O) suitable for plant cell and tissue culture	btl	1	1,100.00	LUZ O. MORENO	1,100.00
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Specification:

500 grams

28	Molybdic acid (sodium salt) (Na ₂ MoO ₄ , 2H ₂ O) suitable for plant cell and tissue culture	btl	1	2,200.00	LUZ O. MORENO	2,200.00
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Specification:

500grams, AR

29	Myo-inositol suitable for plant cell and tissue culture (100gms)	btl	1	2,000.00		2,000.00
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Specification:

100 grams

30	Naphthaleneacetic Acid, 5g	btl	1	3,400.00	LUZ O. MORENO	3,400.00
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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

31	Nicotinic acid suitable for plant cell and tissue culture (100g)	btl	1	3,000.00	LUZ O. MORENO	3,000.00
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Specification:

100 grams

32	pH 4 Buffer	btl	1	1,200.00		1,200.00
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Specification:

- Laboratory grade

Plastic

• Size: 1L per bottle

33	Plastic Graduated Cylinder	grams	2	300.00		600.00
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Specification:

Plastic Graduated Cylinder

Capacity?50ml

Material?Plastic

Color?Translucent

Shape?Cylindrical

Tolerance?1ml

Graduated in milliliters?1ml

34	Potassium Iodide, KI	btl	1	5,000.00		5,000.00
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Specification:

?Analytical reagent grade, powder, 500g/bottle

35	Potassium Nitrate	kl	2	5,800.00	LUZ O. MORENO	11,600.00
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Specification:

?AR grade

?Formula: KNO₃

?Molar wt: 101.1032 g/mo

?1kg/pack

36	Potassium phosphate monobasic, KH ₂ PO ₄	btl	2	1,450.00	LUZ O. MORENO	2,900.00
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Specification:

- Analytical grade
- Use for enzyme buffers and chemical assays
- Bottle of 500g

37	Pyridoxine.HCl suitable for plant cell and tissue culture(25g)	btl	1	4,900.00	LUZ O. MORENO	4,900.00
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Specification:

25 grams

38	Retriever	pcs	2	650.00	LUZ O. MORENO	1,300.00
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Specification:

Magnetic stir bar retriever

used reach stir bars in deep/ big container PTFE coated & steel core, magnetic retrieve recover bar Science lab experiment equipment, recover stirring bars from containers easily Coated in white PTFE corrosion resistance, acid & alkali resistance, high temperature resistance Multipurpose - Stir a liquid or solution in biological, chemical, and research laboratory applications

Size? Length 250 mm

Material? Steel & PTFE? Polytetrafluoroethylene?

Color: White

39	Sodium Hydroxide, AR 500G	btls	1	1,200.00		1,200.00
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Specification:

?500 g/bottle, AR, Pellets

40	Surgical Blade # 11 (100's)	per 100 pcs.	1	1,000.00		1,000.00
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Specification:

Surgical Blade # 11 (100's)

- Carbon steel
- Stainless steel
- Individually packed on sterile pouches
- Disposable ?Sold per box (100's)
- Good Quality

41	Surgical Blade # 22 (100's)	per 100 pcs.	1	1,000.00		1,000.00
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Specification:

Surgical Blade # 22 (100's)

- Carbon steel
- Stainless steel
- Individually packed on sterile pouches
- Disposable ?Sold per box (100's)
- Good quality

42	Thiamine.HCl suitable for plant cell and tissue culture (25gms)	btl	1	4,900.00	LUZ O. MORENO	4,900.00
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Specification:

25 grams

43	Thumb Tissue Forcep for Dissection	pc	2	700.00		1,400.00
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Specification:**Thumb Tissue Forcep for Dissection****Features:**

Stainless Steel Matte Finish Autoclavable Available in Serrated or 1x2

teeth: 8 inches long

Thumb Tissue Forcep are used to grasp, hold, and manipulate tissue during surgical procedures. Surgical Thumb Tissue Forceps feature two blades designed to grasp tissue and come in a variety of handle styles, lengths, and jaw patterns.

44	Tween 80	500ml/bot	1	3,500.00		3,500.00
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Specification:

Tween 80 (polysorbate 80, polyoxyethylene sorbitan monooleate) is non-ionic surfactant used for plant tissue culture.

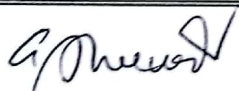
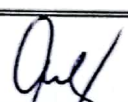
45	Zinc sulfate (ZnSO ₄ , 7H ₂ O) suitable for plant cell and tissue culture	btl	1	1,200.00	LUZ O. MORENO	1,200.00
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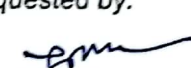
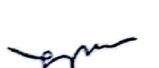
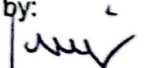
Specification:

?molecular weight: 287.54
?500grams

	TOTAL					135,300.00
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Purpose: For Research

Checked by:	 ELIZABETH S. QUEVEDO TWG - Laboratory Supplies	Funds Available:	 ALICIA M. FLORES HEAD, BUDGET OFFICE
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Signature:	Requested by:	Noted by:	Approved by:
Printed Name:	 LUZ O. MORENO	 LUZ O. MORENO	 EDGARDO E. TULIO
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU