

☒ Original PPMF

☐ Revised (Changed items, same budget)

☐ Supplemental



PROJECT PROCUREMENT MANAGEMENT PLAN (PPMP)

CY 2024

Unit/Office/Dept/Div: **Philippine Root Crops & Research Training Center**

Project Code: **PhilRootcrops Genomics**

Purpose: **Project use**

Total Budget : **10,000,000.00**

Funding : **GF-MOOE**

PPMP #: **PPMP-2024-052224-0141**

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Agricultural/Farm Supplies/Livestock																
Long Sleeves for Farmers	10	piece	200.00	2,000.00									10			
Fertilizer, Complete, (14-14-14), 50 kg-bag	10	bag	3,000.00	30,000.00									10			
Sacks, Empty, Big	100	pcs	25.00	2,500.00									100			
Insecticide, Lannate	4	bag	1,200.00	4,800.00									4			
Glyphosate base Herbicide, 1L/Bot	10	btl	1,000.00	10,000.00									10			
plastic crates	5	pcs	600.00	3,000.00									5			
Sub-Total																
Construction and Electrical Supplies																
Flourescent tube (40watts)	100	tube	220.00	22,000.00									100			
Sub-Total																
Farm Tools and Equipment																
Long Bolo/Liko/Haras with wood handle, curve end and no case	5	pcs	800.00	4,000.00									5			
20 kg capacity white sack	100	piece	40.00	4,000.00									100			
Sub-Total																
Fertilizers/Pesticide																
Fertilizer, Urea (45-0-0), 50 kg-bag	10	bag	3,500.00	35,000.00									10			
Fertilizer, Muriate of Potash (0-0-60), 50 kg-bag	4	bag	3,650.00	14,600.00									4			
Fertilizer, Ammonium sulphate (21-0-0), 50 kg-bag	5	bag	2,100.00	10,500.00									5			
Crop giant foliar fertilizer	5	packs	400.00	2,000.00									5			
Fungicide, mancozeb, 1,000g/pack	4	pack	1,300.00	5,200.00									4			

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Fungicide, maneb, 1,000g/box	4	box of 50's	900.00	3,600.00									4			
Fungicide, Dithane-M45, 1kg	4	pack	700.00	2,800.00									4			
Insecticide, Cypermethrin	2	liter	900.00	1,800.00									2			
Insecticide, malathion, 1 liter	2	btl	1,200.00	2,400.00									2			
Herbicide, 2,4,-D 1 kg	10	liter	700.00	7,000.00									10			
Sub-Total				84,900.00												
Food & Food Ingredients																
Cast Iron Gass Stove, Heavy Duty (Burner)	2	unit	3,500.00	7,000.00									2			
Sub-Total				7,000.00												
Hardware																
LPG Tank, Net. Wt. 11 kgs.	3	piece	5,100.00	15,300.00									3			
Plywood, Marine, 1/4"(thickness) x 4' x 8'	20	piece	580.00	11,600.00									20			
Plywood, Marine, 3/4"(thickness) x 4' x 8'	3	piece	1,650.00	4,950.00									3			
Sheets, (GI), Longspan Roofing x 18.8m, Gauge 26(0.40mm), Prepainted	10	sheet	6,800.00	68,000.00									10			
Sub-Total				99,850.00												
IT Supplies and Equipment																
External Hard Disk Drive (Portable, 1TB), USB 3.1	2	unit	3,500.00	7,000.00									2			
Laptop 14" (i5)	3	unit	49,500.00	148,500.00									3			
CD Label/Sticker, plain white (40pcs/pack)	10	pack	50.00	500.00									10			
Desktop Computer, Assembled, 12th Gen Core i5, SDD and HDD	3	sets	49,000.00	147,000.00									3			
DSLR Camera with lens and accessories	1	unit	42,000.00	42,000.00									1			
All-in-One Ink Tank Printer Wi-Fi Duplex with ADF	2	unit	21,000.00	42,000.00									2			
UPS (with built-in AVR) by per unit price	4	unit	17,000.00	68,000.00									4			
Sub-Total				455,000.00												
Laboratory Equipment																
Cryo Storage Tube Rack with cover, for 1.5-2.0 ml MCT, 10pcs/pack	10	pack	3,000.00	30,000.00								10				
Tall Laboratory Cabinet	4	pcs	30,000.00	120,000.00								4				
PCR Tubes, 0.2 ml, 1000pcs/pack, clear	9	pack	3,000.00	27,000.00									9			
Microcentrifuge Tube Rack, 96 wells, for 0.2ml PCR tubes, reversible, 10pcs/pack	20	pack	2,500.00	50,000.00									20			

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General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Laboratory Supplies																
Polycarbonate Safety Goggles	10	pcs	600.00	6,000.00									10			
Plant DNA Extraction Kit	5	kit	40,000.00	200,000.00									5			
RNA Extraction kit, 50 reactions, for plant samples	5	kit	20,000.00	100,000.00									5			
1000 ?L pipette tips (Blue)	10	pack	1,300.00	13,000.00									10			
0.5-10 ?L pipette tips (white)	10	pack	1,000.00	10,000.00									10			
Pipette Tips, 20 - 200 uL (Clear)	10	pack	600.00	6,000.00									10			
Microcentrifuge Tube, 1.5mL, Attached Snap Cap, Clear/Natural	10	unit	700.00	7,000.00									10			
Microcentrifuge Tubes (2.0mL Capacity)	10	pack	3,000.00	30,000.00									10			
Microcentrifuge Tubes (1.5mL Capacity)	10	pack	2,000.00	20,000.00									10			
PCR Tubes (0.2mL Capacity)	20	pack	1,500.00	30,000.00									20			
Gloves, Nitrile, Small	10	box of 50's	1,500.00	15,000.00									10			
Gloves, Nitrile, Medium	5	box of 50's	1,500.00	7,500.00									5			
Gloves, Nitrile, Large	4	box of 50's	1,500.00	6,000.00									4			
Isopropanol, HPLC grade 2.5L	3	btl	9,000.00	27,000.00									3			
Isopropanol, molbio grade, 2.5L	3	500ml/bot	8,000.00	24,000.00									3			
SYBR Green Real-Time PCR Master Mix	5	set	30,000.00	150,000.00									5			
10 mM dNTPs mix	10	tube	10,000.00	100,000.00									10			
Cryogenic Boxes	5	pcs	600.00	3,000.00									5			
Beaker, Glass, 1000mL	10	pc	1,000.00	10,000.00									10			
Beaker, Glass, 500mL	4	pc	1,000.00	4,000.00									4			
Agar for plant cell and tissue culture	6	500gms	7,500.00	45,000.00									6			
18L Pressure Steam Autoclave Sterilizer	1	pc	14,500.00	14,500.00										1		
2,4-Dichlorophenoxyacetic acid, 250grams/btl	5	grams	4,500.00	22,500.00									5			
Activated Charcoal suitable for plant cell and tissue culture (5g)	5	gms	2,500.00	12,500.00									5			
Colchicine suitable for plant cell and tissue culture (1g)	3	btl	15,000.00	45,000.00									3			
Ascorbic acid	4	btl	1,800.00	7,200.00									4			
Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g)	4	btl	24,000.00	96,000.00									4			
Kinetin	4	gms	3,500.00	14,000.00									4			
Thidiazuron (TDZ)	4	gms	15,000.00	60,000.00									4			

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Graduated Cylinder, Glass, 250mL	10	pc	600.00	6,000.00									10			
Graduated Cylinder, Glass, 100mL	10	pcs	400.00	4,000.00									10			
Brush Suitable for 50mL Graduated Cylinders	4	pc	200.00	800.00									4			
Graduated Cylinder 10 mL (Glass)	10	pcs	450.00	4,500.00									10			
Graduated Cylinder, Glass, 100mL	10	pcs	300.00	3,000.00									10			
good quality Scalpel Handle #3	10	pcs	500.00	5,000.00									10			
Scalpel Blade	10	box of 50's	280.00	2,800.00									10			
Scalpel Handle	10	pcs	70.00	700.00									10			
Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g)	10	btl	3,500.00	35,000.00									10			
Mannitol (AR) 500g	4	pack	6,000.00	24,000.00									4			
Myo-inositol suitable for plant cell and tissue culture (100gms)	4	btl	5,000.00	20,000.00									4			
Molybdc acid (sodium salt) (Na2MoO4, 2H2O) suitable for plant cell and tissue culture	4	btl	2,200.00	8,800.00									4			
Nicotinic acid suitable for plant cell and tissue culture (100g)	4	btl	3,000.00	12,000.00									4			
Stirring Rod	5	pieces	100.00	500.00									5			
Stirring Rod 12 inches	5	pcs	160.00	800.00									5			
Zinc sulfate (ZnSO4, 7H2O) suitable for plant cell and tissue culture	4	btl	3,200.00	12,800.00									4			
Tween 80	4	500ml/bot	3,500.00	14,000.00									4			
100 mm glass petri dish	100	pcs	300.00	30,000.00									100			
petri dish with cover	100	pcs	150.00	15,000.00									100			
Glass Petri Dish	1	pack	13,500.00	13,500.00									1			
Sterile Petri Dishes	1	pack	10,000.00	10,000.00									1			
Ammonium Nitrate	5	kl	10,000.00	50,000.00									5			
Potassium Nitrate (KNO3) suitable for plant cell and tissue culture	5	kgs	5,500.00	27,500.00									5			
Calcium Chloride	4	btl	1,500.00	6,000.00									4			
Magnesium Sulphate (MgSO4.7H2O) suitable for plant cell and tissue culture	4	btl	2,000.00	8,000.00									4			
Potassium Phosphate (KH2PO4) suitable for plant cell and tissue culture	4	btl	2,500.00	10,000.00									4			

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Boric acid (H3BO3) suitable for plant cell and tissue culture	3	btl	1,000.00	3,000.00									3			
Manganese sulfate (MnSO4, H2O) suitable for plant cell and tissue culture	3	btl	1,200.00	3,600.00									3			
Potassium iodide (KI) suitable for plant cell and tissue culture	3	btl	5,000.00	15,000.00									3			
Copper Sulphate, 500 grams/pack	5	pack	500.00	2,500.00									5			
Cobalt chloride (CoCl2, 6H2O) suitable for plant cell and tissue culture	3	btl	1,600.00	4,800.00									3			
Sodium EDTA dihydrate,	4	btl	5,400.00	21,600.00									4			
Ferrous sulfate (FeSO4, 7H2O) suitable for plant cell and tissue culture	4	btl	1,000.00	4,000.00									4			
Pyridoxine.HCl suitable for plant cell and tissue culture(25g)	4	btl	4,900.00	19,600.00									4			
Thiamine.HCl suitable for plant cell and tissue culture (25gms)	4	btl	4,900.00	19,600.00									4			
a-Naphthalene Acetic Acid (NAA), extra pure, 100g	5	btl	3,800.00	19,000.00									5			
IAA (Indole-3-Acetic Acid),	4	btl	4,500.00	18,000.00									4			
Ethylenediaminetetraacetic acid disodium salt (Na2-EDTA) suitable for plant cell and tissue culture	5	btl	1,500.00	7,500.00									5			
Hydrochloric Acid	5	btls	4,000.00	20,000.00									5			
Gibberellic Acid 100g	2	grams	15,000.00	30,000.00									2			
Glycine	3	btl	8,000.00	24,000.00									3			
Sodium Hydroxide, Technical Grade, 1KG, Pellets	4	btls	1,000.00	4,000.00									4			
EMS (Ethyl methanesulfonate) for plant genetic studies (10g)	4	btl	8,500.00	34,000.00									4			
EMS Ethyl Methanesulfonate (C3H8O3S) (25grams)	5	gms	12,000.00	60,000.00									5			
Chloramphenicol for tissue culture 25 grams	10	btl	5,000.00	50,000.00									10			
Holder scalpel # 4	15	pcs	500.00	7,500.00									15			
Stainless Steel Laboratory Microspatula	6	pieces	3,000.00	18,000.00									6			
Graduated Cylinder, Plastic, 1000mL	10	pc	400.00	4,000.00									10			
Graduated Cylinder 250mL	10	piece	270.00	2,700.00									10			
Plastic Graduated Cylinder	10	grams	300.00	3,000.00									10			
Graduated Cylinder 10mL (Translucent Plastic)	10	liters	300.00	3,000.00									10			
Refined white sugar, food grade	20	kgs	200.00	4,000.00									20			

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Ethanol- reagent grade and suitable for mole-bio applications	5	500ml/bot	4,000.00	20,000.00									5			
Isopropanol-reagent grade	5	btl	4,000.00	20,000.00									5			
DNase/RNase- free water	5	500ml/bot	3,000.00	15,000.00									5			
Taq DNA Polymerase	10	unit	13,000.00	130,000.00									10			
PCR master mix	10	kit	25,000.00	250,000.00									10			
PCR Primers	10	set	15,000.00	150,000.00									10			
Agarose	10	grams	4,500.00	45,000.00									10			
Ethidium Bromide or Safe Stains	3	btl	5,000.00	15,000.00									3			
Gel Loading Dye	5	btl	2,500.00	12,500.00									5			
DNA ladders	10	Vial	8,000.00	80,000.00									10			
TBE or TAE Buffer	5	liter	4,000.00	20,000.00									5			
0.2 mL PCR tubes	20	pack	5,000.00	100,000.00									20			
0.5 mL PCR Tubes	5	pack	5,000.00	25,000.00									5			
Sodium Molybdate (for plant tissue culture)	2	kilos	5,000.00	10,000.00									2			
Sorbitol, Formula: C6H14O6	5	500gms	25,000.00	125,000.00									5			
Streptomycin Sulfate Application: suitable for plant tissue culture	5	grams	15,000.00	75,000.00									5			
Picloram (plant tissue culture grade)	5	grams	15,000.00	75,000.00									5			
Long forceps	15	pc	850.00	12,750.00									15			
Long forceps (10inch)	15	pc	850.00	12,750.00									15			
Scalpel Blade #11	4	box	1,300.00	5,200.00									4			
Scalpel Blade #22	4	box of 50's	1,500.00	6,000.00									4			
Culture bottles, * (Big) M-7177 - 8 oz or 220ml Glass Jar with Cap	2000	pc	20.00	40,000.00									2000			
Culture Bottles, 50mL Glass Jar with Cap SIZE: diameter-3cm, Height -9.0cm	2000	piece	15.00	30,000.00									2000			
Culture bottles, * (Small) 4 oz or 120 mL glass jar Dimensions	2000	piece	15.00	30,000.00									2000			
Petri dish, 100x15mm, Pyrex	100	piece	560.00	56,000.00									100			
Petri dish, 150mm x 15mm, Pyrex	100	piece	580.00	58,000.00									100			
cryogenic vials	10	per 100 pcs.	6,000.00	60,000.00									10			
LPG Gas Refill	10	tanks	1,200.00	12,000.00									3	2	2	3

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sub-Total				3,302,500.00												
Medical & Dental Supplies & Equipment																
Disposable Surgical Scalpel with handle	10	pc	150.00	1,500.00									10			
Sub-Total				1,500.00												
Office Equipment																
Standing UV Air Purifier	1	unit	20,000.00	20,000.00									1			
Sub-Total				20,000.00												
Office Supplies																
Alcohol, Isopropyl, 70% solution, 500mL	10	btls	140.00	1,400.00									10			
Bleach, liquid, 99.9% antibac, 1 gallon	10	gallon	300.00	3,000.00									10			
Air purifier with UV Sterilization light for home appliance HEPA+Activated Carbon Filter	3	pc	2,000.00	6,000.00									3			
Hair Net	2	pack of 100's	300.00	600.00									2			
Hand Towel, cloth, cotton, 12 pcs/pack	5	pack	300.00	1,500.00									5			
Cotton, 400g	10	packs	300.00	3,000.00									10			
Chopping Board (Plastic)	3	pcs	200.00	600.00									3			
KN95 face mask	50	piece	100.00	5,000.00									50			
Nylon, #300, for grass cutter	5	kl	450.00	2,250.00									5			
A4 Paper One bond paper	10	ream	1,500.00	15,000.00									10			
Pen, Permanent Marker, black, broad tip	5	pieces	60.00	300.00									5			
Pen, Permanent Marker, blue, fine tip	10	pieces	60.00	600.00									10			
Pen, Permanent Marker, black, fine tip	10	pieces	60.00	600.00									10			
Pen, Permanent Marker, blue, broad tip	9	pieces	60.00	540.00									9			
Polyethylene Bag, autoclavable, 10" x 16" x .002	5	kgs	400.00	2,000.00									5			
Scissors, 8" heavy duty, good quality	10	pieces	75.00	750.00									10			
Scissors, 6" heavy duty, good quality	10	piece	68.00	680.00									10			
Soap, Dishwashing, Liquid, 250mL	10	btls	150.00	1,500.00									10			
Soap, Detergent, Powder, 1 kilo/pack, any scent	5	kl	150.00	750.00									5			
Spin Mop, w/ stainless steel wringer bucket, w/ durable & ergonomic PP plastic mop handle, 360deg. spin microfiber mop head, 180deg. flexible mop pole	2	pcs	1,500.00	3,000.00									2			
Heavy duty storage box L-16" x W11.5" x H-11.5" suitable for document storage for legal folder, Fili	4	pcs	550.00	2,200.00									4			

General Description	Quantity	Unit	Unit Cost	Estimated Budget	Schedule/Milestone of Activities (in quantities)											
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Tape, Masking, 1" x 25 yards	10	rolls	48.00	480.00									10			
Tape, Masking, 2" x 25 yards	10	rolls	95.00	950.00									10			
Kitchen paper towel	10	pack	100.00	1,000.00									10			
Laminating Film, A4, 100 shts/box, 250 microns	2	boxes	1,430.00	2,860.00									2			
Flashlight, heavy duty, w/ chargeable battery, 3 battery capacity, 1.5 v C type	4	pcs	1,575.00	6,300.00									4			
Record Book, Big, 300 pages	5	pcs	150.00	750.00									5			
Meter Stick, wood, 100 cm, yellow background w/ black markings	5	pieces	150.00	750.00									5			
Ruler, Plastic, 12"	5	pieces	15.00	75.00									5			
Ruler, Plastic, 24"	5	pieces	35.00	175.00									5			
Net bags, fish net, 13" x 13"	200	pc	20.00	4,000.00									200			
Sprinkler, plastic 3 liters	4	pieces	600.00	2,400.00									4			
Sub-Total				71,010.00												
Office Supplies and General Merchandise Products																
Multipurpose Heavy Duty Reusable Latex Gloves Kitchen Home Use Dishwashing Gloves	10	pair	150.00	1,500.00									10			
Sub-Total				1,500.00												
Grand Total				5,020,810.00												

Prepared by: 
JOHN S. BAHANDI

Submitted by: 
JOY C. CODOG
Unit Head/Project Leader

Date: 07/31/2024

*Funding Sources: General Fund(GF), Trust Fund(TF, Special Trust Fund(STF), IGP, Supplemental or Augmentation
Note: Please make a separate PPMP for each funding source.

Categorize the entries such as Office Supplies, Office Appliance & Equipment, Office Furniture, Laboratory Supplies, IT Equipment, Construction & Electrical Supplies, Farm & Agricultural Supplies, Feeds & Feed Ingredients, Medical & Dental Supplies, Auto Supplies