

☒ Original PPMPP☐ Revised (Changed items, same budget)☐ Supplemental



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



PPMP-2024-1024-232028

PROJECT PROCUREMENT MANAGEMENT PLAN (PPMP)

CY 2024

END-  
USER/JUNIT:                   **National Coconut Research Center-Visayas**

PPMP #:                   **PPMP-2024-101424-0533**

**CHARGED TO   TF**

Project  
Code:                   **Marker Development  
for Coconut Hybridity  
Testing for Efficient  
Hybrid Seed  
Production in Eastern  
Visayas/20201050-  
1.121**

Project, Programs and Activities(PPAs):

1. To develop SSR markers from Expressed Sequence Tags (ESTs)STs in the coconut public databases
2. To screen and validate newly-developed (EST-SSR markers) and published coconut SSR markers using the germplasm collection, parentals, and hybrids
3. To assess the genetic diversity of the coconut germplasm collection using polymorphic SSR markers
4. To establish a hybrid breeding site in VSU for local coconut genotypes
5. To identify true hybrids using polymorphic SSR markers.

| Code | General Description                                                                                  | Quantity /<br>Size | Estimated<br>Budget | Mode of<br>Procurement | Schedule/Milestone of Activities (in quantities) |     |     |     |     |     |     |     |     |     |     |     |
|------|------------------------------------------------------------------------------------------------------|--------------------|---------------------|------------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      |                                                                                                      |                    |                     |                        | Jan                                              | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|      | <b>Laboratory Equipment</b>                                                                          |                    |                     |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |
|      | Microcentrifuge Rack with Cover, Reversible (2 mL/ 1.5 mL)                                           | 5 unit             | 4,250.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 5   |
|      | Mini-Protean Tetra Vertical Electrophoresis Cell, 4-gel, for 1.0 mm thick handcast gels, with Powerp | 1 set              | 500,000.00          | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | Mini-Sub Cell GT Horizontal Electrophoresis System and PowerPac Basic Power Supply                   | 1 unit             | 384,000.00          | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | PCR Tubes, 0.2 ml, 1000pcs/pack, clear                                                               | 4 pack             | 12,000.00           | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 4   |
|      | <b>Sub-Total</b>                                                                                     |                    | <b>900,250.00</b>   |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |
|      | <b>Laboratory Supplies</b>                                                                           |                    |                     |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |
|      | 10x TBE Buffer, 500 ml                                                                               | 2 btl              | 7,800.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 2   |
|      | 2-Mercaptoethanol or ?-Mercaptoethanol                                                               | 1 btl              | 5,184.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     | 1   |     |

| Code | General Description                                               | Quantity / Size | Estimated Budget | Mode of Procurement | Schedule/Milestone of Activities (in quantities) |     |     |     |     |     |     |     |     |     |     |     |
|------|-------------------------------------------------------------------|-----------------|------------------|---------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      |                                                                   |                 |                  |                     | Jan                                              | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|      | 95% Ethyl Alcohol, Technical Grade (Gallon)                       | 2 gallon        | 1,600.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Acrylamide/Bis-acrylamide solution 30% (29:1)                     | 2 500ml/bot     | 10,000.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Ammonium persulfate                                               | 2 btl           | 8,690.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Benchmark Cooling Block                                           | 2 piece         | 6,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Certified Molecular Biology Agarose, 500 g                        | 1 btl           | 78,100.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | Chemical respiratory mask                                         | 2 pc            | 2,800.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Chloroform 2.5L                                                   | 1 btl           | 4,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | CTAB (Cetyl Trimethylammonium Bromide), molbio grade, 500g/bottle | 2 500ml/bot     | 8,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 2   |     |
|      | Disposable Vinyl Nitrile Examination Gloves, 100pcs, Large        | 4 Box of 100's  | 1,120.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 4   |     |
|      | Disposable Vinyl Nitrile Examination Gloves, 100pcs, Medium       | 4 Box of 100's  | 1,080.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 4   |     |
|      | Disposable Vinyl Nitrile Examination Gloves, 100pcs, Small        | 5 Box of 100's  | 1,250.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 5   |     |
|      | Disposable Vinyl Nitrile Examination Gloves, 100pcs, XS           | 5 Box of 100's  | 1,250.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 5   |     |
|      | EDTA (ethylenediaminetetraacetic acid), 500g/bot                  | 2 500ml/bot     | 8,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 2   |     |
|      | Ethanol/Ethyl Alcohol, 70%, Laboratory Grade, 3.8 L               | 2 gallon        | 4,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 2   |     |
|      | EZ Load 1 kb Molecular Ruler                                      | 1 tube          | 18,000.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 1   |     |
|      | EZ Load 100 bp Molecular Ruler                                    | 2 tube          | 35,400.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 2   |     |
|      | Filter Pipette Tips, Bulk in resealable bags, PP 1-20 uL          | 3 pack          | 10,500.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 3   |     |
|      | Gel Red Stain                                                     | 1 tubes         | 8,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | Isoamyl Alcohol Mol Grade                                         | 1 btl           | 3,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | Isopropanol-reagent grade                                         | 1 btl           | 4,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | Kimwipes, small (4.4" x 8.4")                                     | 7 pack          | 5,600.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 7   |     |
|      | Lab Gown Long Sleeves M                                           | 3 pcs           | 1,500.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 3   |     |     |
|      | Liquid Nitrogen (50 L)                                            | 50 L            | 25,000.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 50  |     |     |
|      | Liquid Nitrogen Tank (30L)                                        | 2 tank          | 60,000.00        | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Loading dye, 6x, 3x1ml                                            | 2 tube          | 6,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | Microcentrifuge tubes, PP 0.5 mL                                  | 5 pack          | 5,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 5   |     |     |
|      | Microcentrifuge tubes, PP 1.5 mL                                  | 5 pack          | 3,500.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 5   |     |
|      | Microcentrifuge tubes, PP 2.0 mL                                  | 4 pack          | 3,200.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 4   |     |     |
|      | Mortar and Pestle (small)                                         | 10 pc           | 3,000.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     | 10  |     |     |
|      | N,N,N',N'-Tetramethylethylenediamine (TEMED)                      | 1 btl           | 6,427.00         | Public Bidding      |                                                  |     |     |     |     |     |     |     |     |     | 1   |     |

| Code | General Description                                    | Quantity /<br>Size | Estimated<br>Budget | Mode of<br>Procurement | Schedule/Milestone of Activities (in quantities) |     |     |     |     |     |     |     |     |     |     |     |
|------|--------------------------------------------------------|--------------------|---------------------|------------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|      |                                                        |                    |                     |                        | Jan                                              | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|      | nanodrop 2000/2000c spectrophotometer                  | 1 unit             | 1,060,000.00        | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | PCR kit for 1500 reactions                             | 1 set              | 120,000.00          | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | PCR Plates family, 96 well, standard well              | 2 pack             | 8,000.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | PCR primers for SSR                                    | 121 set            | 242,000.00          | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 121 |
|      | PCR Workup rack, PP 96 well PCR plates                 | 2 pack             | 4,000.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 2   |
|      | Pipette Tips (20 ul)                                   | 4 packs            | 2,000.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 4   |     |     |
|      | Pipette Tips, Bulk in Resealable Bags , PP 100-1000 uL | 3 pack             | 1,500.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 3   |     |     |
|      | Pipette tips, bulk resealable bags PP 0.1- 10 uL       | 6 pack             | 4,800.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 6   |
|      | Pipette tips, bulk resealable bags, 1-200 uL           | 4 pack             | 3,200.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 4   |
|      | Pipette Tips, sterile racked, PP 1-200 uL              | 4 boxes            | 12,960.00           | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 4   |     |     |
|      | Pipette tips, sterile racked, PP 100-1000 uL           | 4 boxes            | 12,400.00           | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 4   |     |     |
|      | Pipettes tips, sterile racked, PP 0.1-10 uL            | 4 boxes            | 12,960.00           | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 4   |     |     |
|      | Premium Plus Pipettes Fully -Autoclavable Set          | 1 set              | 35,000.00           | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 1   |     |     |
|      | Run Safe-500 Stain                                     | 2 tube             | 9,000.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 2   |     |     |
|      | sodium chloride, technical grade                       | 3 kgs              | 1,500.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     |     |     | 3   |
|      | <b>Sub-Total</b>                                       |                    | <b>1,876,321.00</b> |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |
|      | <b>Office Supplies</b>                                 |                    |                     |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |
|      | Face Mask, Surgical, Disposable, 3-ply, 50 pcs/box     | 10 boxes           | 1,500.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 10  |     |     |
|      | Tissue, Bathroom, 2 Ply, 12rolls/pack                  | 6 pack             | 1,500.00            | Public Bidding         |                                                  |     |     |     |     |     |     |     |     | 6   |     |     |
|      | <b>Sub-Total</b>                                       |                    | <b>3,000.00</b>     |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |
|      | <b>TOTAL BUDGET:</b>                                   |                    | <b>2,779,571.00</b> |                        |                                                  |     |     |     |     |     |     |     |     |     |     |     |

Note: Technical Specifications for each Item/Project being proposed shall be submitted as part of the PMP

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Date: 12/04/2024