

SCAN HERE



PR-2025-0328-263804



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

## PURCHASE REQUEST

PPMP No. : **PPMP-2025-031025-1017**PR No.: **TF-2025-03-00448**Date: **03-28-2025**Dept./Office: **DPM**
 Category: **Laboratory  
 Supplies**
Section/End-User: **Justine Bennette H. Millado**Funding Source: **Trust Fund**Project Title/Code: **20201050-1.123**

| Item #                                                                                                                                                                                                      | Item Description               | Unit | Qty             | Unit Cost | PAR/ICS | Total Cost                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------|-----------------|-----------|---------|--------------------------------|
| 1                                                                                                                                                                                                           | 0.5-10 ?L pipette tips (white) | pack | <del>10</del> 5 | 1,000.00  |         | <del>10,000.00</del> 5,000     |
| Specification:<br><br>0.5-10 ?L Pipette Tips (White) <ul style="list-style-type: none"> <li>• Volume Range: 0.5-10 ?L</li> <li>• Color: White</li> <li>• Quantity: At least 1000 pieces per pack</li> </ul> |                                |      |                 |           |         |                                |
| 2                                                                                                                                                                                                           | 1000 ?L pipette tips (Blue)    | pack | <del>7</del> 5  | 1,300.00  |         | <del>9,100.00</del> 6,500.00   |
| Specification:<br><br>1000 ?L Pipette Tips (Blue) <ul style="list-style-type: none"> <li>• Volume Capacity: 1000 ?L</li> <li>• Color: Blue</li> <li>• Quantity: At least 1000 pieces per pack</li> </ul>    |                                |      |                 |           |         |                                |
| 3                                                                                                                                                                                                           | 200 ?L pipette tips (Yellow)   | pack | <del>14</del> 5 | 700.00    |         | <del>9,800.00</del> 3,500.00   |
| Specification:<br><br>200 ?L Pipette Tips (Yellow) <ul style="list-style-type: none"> <li>• Volume Capacity: 200 ?L</li> <li>• Color: Yellow</li> <li>• Quantity: At least 1000 pieces per pack</li> </ul>  |                                |      |                 |           |         |                                |
| 4                                                                                                                                                                                                           | Agar Powder                    | btl  | 7               | 1,400.00  |         | 9,800.00                       |
| Specification:<br><br>for plant tissue culture, 1kg                                                                                                                                                         |                                |      |                 |           |         |                                |
| 5                                                                                                                                                                                                           | Agarose powder                 | btls | <del>3</del> 2  | 8,000.00  |         | <del>24,000.00</del> 16,000.00 |
| Specification:<br><br>Molecular grade, 100g                                                                                                                                                                 |                                |      |                 |           |         |                                |
| 6                                                                                                                                                                                                           | Ampicillin or Streptomycin     | btls | <del>5</del> 3  | 4,000.00  |         | <del>20,000.00</del> 12,000.00 |

|                                                                                                                                                                                                                                   |                                                                            |              |                 |           |             |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------|-----------------|-----------|-------------|--------------------------------|
| 7                                                                                                                                                                                                                                 | <del>Denatured Alcohol</del>                                               | gallon       | 20              | 600.00    |             | 12,000.00                      |
| 8                                                                                                                                                                                                                                 | Disposable Vinyl Nitrile Examination Gloves, 100pcs, Large                 | Box of 100's | <del>10</del> 5 | 280.00    |             | <del>2,800.00</del> 1,400.00   |
| 9                                                                                                                                                                                                                                 | Disposable Vinyl Nitrile Examination Gloves, 100pcs, Small                 | Box of 100's | <del>10</del> 5 | 250.00    |             | <del>2,500.00</del> 1,250.00   |
| 10                                                                                                                                                                                                                                | DNA Taq polymerase, 500 U/tube/kit, with MgCl2 and PCR buffer in the kit   | kit          | 2               | 5,000.00  |             | 10,000.00                      |
| 11                                                                                                                                                                                                                                | DNTPs 25 mM                                                                | tubes        | 2               | 4,000.00  |             | 8,000.00                       |
| 12                                                                                                                                                                                                                                | Ethanol Absolute, 2.5 Liters/ bottle                                       | btl          | <del>7</del> 3  | 5,000.00  | 15,000.00 ← | <del>35,000.00</del>           |
| 13                                                                                                                                                                                                                                | Ethanol Molecular Grade                                                    | btls         | 5               | 3,000.00  |             | 15,000.00                      |
| 14                                                                                                                                                                                                                                | Filter Paper Ordinary                                                      | pcs          | 1               | 5,000.00  |             | 5,000.00                       |
| <b>Specification:</b> <ul style="list-style-type: none"> <li>Type: Ordinary</li> <li>Size: 30 x 40 in.</li> <li>Quantity: 100 sheets per pack</li> </ul>                                                                          |                                                                            |              |                 |           |             |                                |
| 15                                                                                                                                                                                                                                | gel stain                                                                  | tubes        | <del>5</del> 4  | 1,200.00  |             | <del>6,000.00</del> 4,800.00   |
| 16                                                                                                                                                                                                                                | Latex Disposable Gloves Powder Free (Medium), 100 pcs. or 50 pairs per box | boxes        | <del>10</del> 5 | 600.00    | 3,000.00 ←  | <del>6,000.00</del>            |
| 17                                                                                                                                                                                                                                | LPG Gas Refill                                                             | tanks        | <del>10</del> 5 | 1,300.00  |             | <del>13,000.00</del> 6,500.00  |
| <b>Specification:</b><br>contents only, 11 kgs.                                                                                                                                                                                   |                                                                            |              |                 |           |             |                                |
| 18                                                                                                                                                                                                                                | Microcentrifuge Tubes (1.5mL Capacity)                                     | pack         | <del>7</del> 5  | 2,000.00  |             | <del>14,000.00</del> 10,000.00 |
| <b>Specification:</b> <ul style="list-style-type: none"> <li>Capacity: 1.5 mL</li> <li>Color: Clear</li> <li>Type: Safe-Lock</li> <li>Pack Size: 1000 tubes</li> <li>Autoclavable: Yes</li> </ul>                                 |                                                                            |              |                 |           |             |                                |
| 19                                                                                                                                                                                                                                | Micropipette Pipettor Complete Set with stand                              | pcs          | 1               | 48,000.00 |             | 48,000.00                      |
| <b>Specification:</b><br>Micropipette Set: <ul style="list-style-type: none"> <li>Autoclavable: Yes</li> <li>Volume Ranges: 20 ul, 200 ul, 1000 ul, 10 ul</li> <li>Push buttons: Color-coded for each volume</li> </ul> Includes: |                                                                            |              |                 |           |             |                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |             |                |           |  |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|----------------|-----------|--|------------------------------|
| • Carousel Stand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |             |                |           |  |                              |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PCR Tubes (0.2mL Capacity)    | pack        | <del>8</del> 5 | 1,500.00  |  | 12,000.00 <del>4</del> 7,500 |
| <b>Specification:</b> <ul style="list-style-type: none"> <li>• Capacity: 0.2 mL</li> <li>• Color: Clear</li> <li>• Type: Safe-lock</li> <li>• Autoclavable: Yes</li> <li>• Pack Size: 1000 tubes per pack</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |             |                |           |  |                              |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Phenol (molecular grade)      | btl         | 5              | 8,000.00  |  | 40,000.00                    |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Reaction buffer               | tubes       | 2              | 3,000.00  |  | 6,000.00                     |
| <b>Specification:</b><br><br>Reaction Buffers for PCR<br><br>5ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |             |                |           |  |                              |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sorbic acid                   | packs       | 5              | 800.00    |  | 4,000.00                     |
| <b>Specification:</b><br><br>Sorbic Acid food grade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |             |                |           |  |                              |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TLC Plate, Silica Gel 60 F254 | Box of 25's | 1              | 20,000.00 |  | 20,000.00                    |
| <b>Specification:</b><br><br><b>DESCRIPTION</b><br><br><b>General description</b><br><br>25 Glass plates 20 x 20 cm<br><br><b>Analysis Note</b><br><br>Specific surface area (according to BET; 5-Pt.measurement): 480 - 540 m <sup>2</sup> /g<br>Pore volume(N <sub>2</sub> -isotherm):0.74 - 0.84 ml/g<br>d 50 (laserdiffraction, size distribution): 9.7 - 11.7 µm<br>Layerthickness: 210 - 270 µm<br>Deviationof layer thickness per plate: ? 35 µm<br>Chromatographic testing:<br>A) colourtest<br>hRf-values<br>- bleu viforganol, colour test, lipophile: 11 - 25<br>- CeresBlack G, colour test, lipophile: 34 - 48<br>- ceresViolet brn, colour test, lipophile: 52 - 67<br>separationnumber (colour test, lipophile): ? 10.5<br>B)Steroid test<br>hRf-values<br>- Hydrocortisone, steroid test: 25 - 37 |                               |             |                |           |  |                              |

- Reichstein S, steroid test: 37 - 49

- Methyltestosterone, steroid test: 42 - 54

Typical value determined on a conditioned plate

Eluent A) Toluene (45% rel. humidity)

Eluent B) Ethyl acetate/Toluene (95+5 v/v; 20% rel. humidity) PROPERTIES

### **material**

glass support

silica gel 60 matrix

### **Quality Level**

100

### **feature**

binder Organic Polymer

fluorescent indicator

### **packaging**

pkg of 25 plates

### **technique(s)**

thin layer chromatography (TLC): suitable

### **layer thickness**

250  $\mu$ m

### **plate L $\times$ W**

20 cm  $\times$  20 cm

### **particle size**

10-12  $\mu$ m

### **pore size**

60  $\text{\AA}$  medium pore diameter

### **storage temp.**

2-30°C

|                                                                                                                      |                                    |                                    |                                                                                       |                   |  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------|---------------------------------------------------------------------------------------|-------------------|--|
| <b>TOTAL</b>                                                                                                         |                                    |                                    |                                                                                       | <b>342,000.00</b> |  |
| Purpose: For Laboratory Use                                                                                          |                                    |                                    |                                                                                       | 200,450.00        |  |
| Checked by: <i>Approved</i><br><i>ELIZABETH S. DOMEVEDO</i><br><b>GENESIS C. ALBARICO</b> <i>say or for original</i> |                                    |                                    | Funds Available: <i>Chh</i><br><b>NICK FREDDY R. BELLO</b><br>HEAD, ACCOUNTING OFFICE |                   |  |
| TWG - Laboratory Supplies                                                                                            |                                    |                                    |                                                                                       |                   |  |
| Signature:                                                                                                           | Prepared by:                       | Noted by:                          | Approved by:                                                                          |                   |  |
| Printed Name:                                                                                                        | <b>JUSTINE BENNETTE H. MILLADO</b> | <b>JUSTINE BENNETTE H. MILLADO</b> | <b>PROSELY G. YEPES</b>                                                               |                   |  |
| Designation:                                                                                                         |                                    | UNIT HEAD, PROJECT LEADER          | PRESIDENT, VSU                                                                        |                   |  |