



STF-2021-11-01493

PURCHASE REQUEST

Dept./Office: **DPBG**PR #: **STF-2021-11-01493**Date: **11-09-2021**Section/End-User: **Darlyn A. Dupal**Category: **Laboratory Supplies**Funding Source: **Special Trust Fund**Project Title/Code: **DPBG-Tissue Culture-2021**

| Item # | Item Description | Unit | Qty | Unit Cost | PAR/ICS | Total Cost |
|---|--|--------|-----|-----------|---------|------------|
| 1 | Activated Charcoal suitable for plant cell and tissue culture (5g) | gms | 1 | 2,500.00 | | 2,500.00 |
| Specification: 5 grams | | | | | | |
| 2 | Agar (Pronadisa) for plant cell and tissue culture | 500gms | 1 | 6,000.00 | | 6,000.00 |
| Specification: 500 grams | | | | | | |
| 3 | Agarose (type II, Sigma) suitable for plant cell and tissue culture (50g) | gms | 1 | 9,000.00 | | 9,000.00 |
| Specification: 50 grams | | | | | | |
| 4 | Ammonium nitrate (NH ₄ NO ₃) suitable for plant cell and tissue culture | kgs | 1 | 5,000.00 | | 5,000.00 |
| 5 | Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g) | gms | 1 | 4,000.00 | | 4,000.00 |
| Specification: 5 grams | | | | | | |
| 6 | Biotin, powder, BioReagent, suitable for plant cell and tissue culture (500mg) | gms | 1 | 7,000.00 | | 7,000.00 |
| Specification: 500 mg | | | | | | |
| 7 | Boric acid (H ₃ BO ₃) suitable for plant cell and tissue culture | 500gms | 1 | 1,000.00 | | 1,000.00 |
| Specification: molecular weight: 61.83 | | | | | | |

500 grams

| | | | | | | |
|---|---|-----|---|----------|--|----------|
| 8 | Bromocres of purple suitable for plant cell and tissue culture (5g) | gms | 1 | 2,500.00 | | 2,500.00 |
|---|---|-----|---|----------|--|----------|

Specification:

5g

| | | | | | | |
|---|--|--------|---|----------|--|----------|
| 9 | Calcium Chloride (CaCl ₂) suitable for plant cell and tissue culture | 500gms | 1 | 1,600.00 | | 1,600.00 |
|---|--|--------|---|----------|--|----------|

Specification:

Dried

1.5-2.5mm

Molecular Weight: 246.47

500grams

| | | | | | | |
|----|---|-----|---|----------|--|----------|
| 10 | Casein hydrolyzate for tissue culture suitable for plant cell and tissue culture (100g) | gms | 1 | 2,000.00 | | 2,000.00 |
|----|---|-----|---|----------|--|----------|

Specification:

100grams

| | | | | | | |
|----|--|--------|---|----------|--|----------|
| 11 | Cobalt chloride (CoCl ₂ , 6H ₂ O) suitable for plant cell and tissue culture | 500gms | 1 | 1,600.00 | | 1,600.00 |
|----|--|--------|---|----------|--|----------|

Specification:

Molecular weight: 249.68

500g

| | | | | | | |
|----|--|-----|---|-----------|--|-----------|
| 12 | Colchicine suitable for plant cell and tissue culture (1g) | gms | 1 | 15,000.00 | | 15,000.00 |
|----|--|-----|---|-----------|--|-----------|

Specification:

1gram

| | | | | | | |
|----|---|--------|---|----------|--|----------|
| 13 | Cupric sulfate (CuSO ₄ , 5H ₂ O) suitable for plant cell and tissue culture | 500gms | 1 | 1,600.00 | | 1,600.00 |
|----|---|--------|---|----------|--|----------|

Specification:

500 grams

| | | | | | | |
|----|---|-----|---|----------|--|----------|
| 14 | D-Calcium panthothenate suitable for plant cell and tissue culture (100g) | gms | 1 | 5,600.00 | | 5,600.00 |
|----|---|-----|---|----------|--|----------|

Specification:

100 grams

| | | | | | | |
|----|---|-----|---|----------|--|----------|
| 15 | EMS (Ethyl methanesulfonate) for plant genetic studies (10g) | gms | 1 | 8,500.00 | | 8,500.00 |
|----|---|-----|---|----------|--|----------|

Specification:

10grams

| | | | | | | |
|----|---|--------|---|----------|--|----------|
| 16 | Ethylenediaminetetraacetic acid disodium salt (Na₂-EDTA) suitable for plant cell and tissue culture | 500gms | 1 | 1,500.00 | | 1,500.00 |
|----|---|--------|---|----------|--|----------|

Specification:

500 grams

| | | | | | | |
|----|---|--------|---|----------|--|----------|
| 17 | Ferrous sulfate (FeSO₄, 7H₂O) suitable for plant cell and tissue culture | 500gms | 1 | 1,000.00 | | 1,000.00 |
|----|---|--------|---|----------|--|----------|

Specification:

500 grams

| | | | | | | |
|----|--|-----|---|-----------|--|-----------|
| 18 | Gellan Gum, Agar substitute gelling agent (Gelrite) suitable for plant cell and tissue culture (250g) | gms | 1 | 15,000.00 | | 15,000.00 |
|----|--|-----|---|-----------|--|-----------|

Specification:

250 grams

| | | | | | | |
|----|--|-----|---|----------|--|----------|
| 19 | Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g) | gms | 1 | 3,500.00 | | 3,500.00 |
|----|--|-----|---|----------|--|----------|

Specification:

5 grams

| | | | | | | |
|----|---|--------|---|----------|--|----------|
| 20 | Magnesium Sulphate (MgSO₄.7H₂O) suitable for plant cell and tissue culture | 500gms | 1 | 1,100.00 | | 1,100.00 |
|----|---|--------|---|----------|--|----------|

Specification:

Wt. 169.01

Colourless efflorescent crystals

500 grams

| | | | | | | |
|----|--|--------|---|----------|--|----------|
| 21 | Manganese sulfate (MnSO₄, H₂O) suitable for plant cell and tissue culture | 500gms | 1 | 1,100.00 | | 1,100.00 |
|----|--|--------|---|----------|--|----------|

Specification:

500 grams

| | | | | | | |
|----|--|--------|---|----------|--|----------|
| 22 | Molybdic acid (sodium salt) (Na₂MoO₄, 2H₂O) suitable for plant cell and tissue culture | 500gms | 1 | 2,200.00 | | 2,200.00 |
|----|--|--------|---|----------|--|----------|

| | | | | | | |
|--|---|--------|---|----------|--|----------|
| Specification: 500grams, AR | | | | | | |
| 23 | Myo-inositol suitable for plant cell and tissue culture (100gms) | gms | 1 | 2,000.00 | | 2,000.00 |
| Specification: 100 grams | | | | | | |
| 24 | Nicotinic acid suitable for plant cell and tissue culture (100g) | gms | 1 | 3,000.00 | | 3,000.00 |
| Specification: 100 grams | | | | | | |
| 25 | Potassium iodide (KI) suitable for plant cell and tissue culture | 500gms | 1 | 2,200.00 | | 2,200.00 |
| Specification: Molecular weight 166 500 grams | | | | | | |
| 26 | Potassium Nitrate (KNO3) suitable for plant cell and tissue culture | kgs | 1 | 5,500.00 | | 5,500.00 |
| Specification: 1 kilogram of Potassium Nitrate | | | | | | |
| 27 | Potassium Phosphate (KH2PO4) suitable for plant cell and tissue culture | 500gms | 1 | 1,200.00 | | 1,200.00 |
| Specification: 500grams | | | | | | |
| 28 | Pyridoxine.HCl suitable for plant cell and tissue culture(25g) | gms | 1 | 4,900.00 | | 4,900.00 |
| Specification: 25 grams | | | | | | |
| 29 | Sucrose, Grade I, suitable for plant cell and tissue culture | kgs | 1 | 6,500.00 | | 6,500.00 |
| Specification: 1 kilogram | | | | | | |
| 30 | Thiamine.HCl suitable for plant cell and tissue culture (25gms) | gms | 1 | 4,900.00 | | 4,900.00 |

Specification:

25 grams

| | | | | | | |
|----|---|--------|---|----------|--|----------|
| 31 | Zinc sulfate (ZnSO₄, 7H₂O) suitable for plant cell and tissue culture | 500gms | 1 | 1,200.00 | | 1,200.00 |
|----|---|--------|---|----------|--|----------|

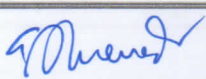
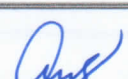

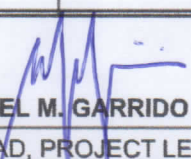
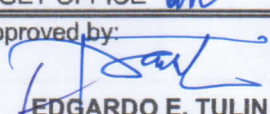
Specification:

molecular weight: 287.54

500grams

| | | | | | | |
|--|--------------|--|--|--|--|-------------------|
| | TOTAL | | | | | 129,700.00 |
|--|--------------|--|--|--|--|-------------------|

Purpose: For Tissue Culture

| | | | |
|--|---|--|--|
| Checked by:  ELIZABETH S. QUEVEDO | | Funds Available:  ALICIA M. FLORES <i>twg</i> | |
| TWG - Laboratory Supplies | | HEAD, BUDGET OFFICE <i>WAL</i> | |
| Signature: | Requested by:  | Noted by:  | Approved by:  |
| Printed Name: | DARLYN A. DUPAL | ROMMEL M. GARRIDO JR. | EDGARDO E. TULIN |
| Designation: | END USER | UNIT HEAD, PROJECT LEADER | PRESIDENT, VSU <i>7/11/16</i> |