



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



PURCHASE REQUEST

PPMP No. : 16-4-913-2023-1-0-1

PR No.: TF-2023-04-00682

Date: 04-17-2023

Dept./Office: DPM

Category: **Laboratory
Supplies**

Section/End-User: **Justine Bennette H. Millado**

Funding Source: **Trust Fund**

Project Title/Code: **20201050-1-114**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	(mini) gel documentation system viewer	unit	1	49,000.00		49,000.00
Specification: <ul style="list-style-type: none">• Gel doc imaging system for smart phone cameras.• Hood dimensions: 17cm (W) x 17cm (D) x 14cm (H)• Compact design: 21cm (D) x 21cm (W) x 17cm (H) with Ultrathin LED Illuminator system• Power voltage: 220-240v						
2	0.5-10 ?L pipette tips (white)	pack	3	1,000.00		3,000.00
Specification: <p>0.5-10 ?L pipette tips (white) at least 1000 pcs. per pack</p>						
3	1000 ?L pipette tips (Blue)	pack	3	1,000.00		3,000.00
Specification: <p>?1000 ?L pipette tips (Blue) at least 1000 pcs. per pack</p>						
4	150mm x15mm Disposable Plastic Petri Dish	pack	1	3,000.00		3,000.00
Specification: <ul style="list-style-type: none">• 150mmx 15mm• 50 pcs						
5	200 ?L pipette tips (Yellow)	pack	5	500.00		2,500.00
Specification: <p>200 ?L pipette tips (Yellow) at least 1000 pcs. per pack</p>						
6	250 ml Reagent/ Media Bottle	pcs	5	470.00		2,350.00
Specification: <ul style="list-style-type: none">• Clear bottles						
7	500 ml Reagent/ Media Bottle	pieces	5	560.00		2,800.00
Specification:						

<ul style="list-style-type: none"> • clear bottles 						
8	90mm x 15 mm Disposable Plastic Petri Dish	pack	1	1,000.00		1,000.00
Specification: <ul style="list-style-type: none"> • 90mm x 15mm • 50 pcs 						
9	Amber Reagent Bottle, 500mL	pc	10	750.00		7,500.00
Specification: <ul style="list-style-type: none"> • With Stopper/Screw Cap • Material: Glass/Borosilicate Glass • Capacity: 500mL 						
10	Autoclavable Plastic bag	pack	2	3,600.00		7,200.00
Specification: <ul style="list-style-type: none"> • 12x24 inches • 100 pcs / pack • 2mm thickness 						
11	Boric acid, AR	btl	1	2,000.00		2,000.00
Specification: <ul style="list-style-type: none"> • Certified molecular biology grade • Suitable for electrophoresis, ≥99.5% • Size: 500g per bottle 						
12	Casein	packs	10	1,300.00		13,000.00
Specification: <ul style="list-style-type: none"> • Food grade casein • 1kg/pack 						
13	CTAB	btl	3	3,000.00		9,000.00
Specification: <p>≥500g, AR</p>						
14	Delicate Task Wiper	pack	20	200.00		4,000.00

Specification: <ul style="list-style-type: none"> • 4.4 x 8.4 inches • Low lint and low extractable • Absorbs 18 percent more water than other private label wipers • Absorbs water 24 percent faster than other private label wipers • One at a time dispensing • Won't scratch delicate surfaces when wet 						
15	DNA Ladder 100Bp	Vial	2	9,200.00		18,400.00
Specification: DNA Ladder 100bp, for at least 50 lanes, with loading dye						
16	dNTP Solution Mix	kit	4	12,500.00		50,000.00
Specification: ?Molecular biology grade ?Premixed dNTP solution ?10 mM each dATP, dCTP, dGTP, and dTTP ?Size: 100uL						
17	EDTA	btl	1	6,900.00		6,900.00
Specification: ?500g ?A.R ?monobasic						
18	Ethanol Absolute	btl	2	2,500.00		5,000.00
Specification: 2.5 Liters/ bottle						
19	Glass Petri Dish	pack	1	13,500.00		13,500.00
Specification: <ul style="list-style-type: none"> • 100mmx15mm • 50 pcs/pack 						
20	High-Clarity Polypropylene Centrifuge Tube	pack	1	8,300.00		8,300.00
Specification: <ul style="list-style-type: none"> • 50 ml • Sterile • Conical Bottom • 500/pack or case • with Approximate dimensions of 30mm O.D.; 115mm length • with Dark blue printed graduations and white writing patch • with Polyethylene flat-top screw cap allows one hand manipulation and provides a level writing area 						
21	Hydrochloric acid, HCl	btls	2	1,000.00		2,000.00
Specification:						

Analytical reagent grade, concentrated, 2.5L/bottle						
22	Isopropanol	btl	1	8,000.00		8,000.00
Specification: Molecular grade/DNA Extraction In 2.5 L Amber bottle						
23	Low melting point Agarose Powder 125 g	btl	4	15,900.00		63,600.00
Specification: <ul style="list-style-type: none"> • Gelling Temp: 36.0-36.5 °C • Moisture Content: 3.29% • Sulfate: 0.096% • EEO (-mr): 0.12 • Gel Strength: 1230g/cm2 • RNase/DNase Activity: None Detected 						
24	Magnesium Chloride	btl	1	1,050.00		1,050.00
Specification: <ul style="list-style-type: none"> • 500g/bottle • AR Grade 						
25	Masking tape, autoclavable, for laboratory use	rolls	4	450.00		1,800.00
Specification: 1" wide x 55m length						
26	Micro centrifuge tubes	packs	2	3,400.00		6,800.00
Specification: <ul style="list-style-type: none"> • 1.5ml capacity • 2000 pcs • Conical Bottom with flat cap 						
27	Microcentrifuge Tube Rack	pieces	10	760.00		7,600.00
Specification: <ul style="list-style-type: none"> • 5 pieces micro centrifuge tube rack for 1.5 ml with 96 holes • 5 pieces micro centrifuge tube rack for 2.0 ml with 96 holes 						
28	Microcentrifuge Tubes (2.0mL Capacity)	pack	1	2,000.00		2,000.00
Specification: ?2.0mL Capacity ?clear ?safe-lock ?pack of 1000						

?autoclavable						
29	PCR Tube Rack with Cover	pc	5	650.00		3,250.00
Specification: <ul style="list-style-type: none"> • For PCR tubes storage • Material: PP Autoclavable. Convenient Polypropylene • Rack for 0.2 ml PCR tubes strips and plates. • This rack is stackable with or without lid. • Capacity: 96 						
30	PCR Tubes	pack	1	6,700.00		6,700.00
Specification: <ul style="list-style-type: none"> • Capacity: 0.2ml • Quantity: 1000 pcs 						
31	Pipette Tip racks	pieces	6	1,000.00		6,000.00
Specification: <ul style="list-style-type: none"> • pipette racks for 0.5-10ul, 20-200ul, 1000ul • 2 pieces for each sizes • with at least 96 holes • autoclavable 						
32	Pipette Tips, 20 - 200 uL (Clear)	pack	3	600.00		1,800.00
Specification: <ul style="list-style-type: none"> • Autoclavable • Clear • Laboratory grade • Size: Pack of 1000 tips • Capacity: 20 - 200uL 						
33	Potato Dextrose Agar (500g)	btl	2	3,500.00		7,000.00
Specification: <ul style="list-style-type: none"> • Powder form 						
34	Primers	Yearly	1	30,000.00		30,000.00
Specification: <ul style="list-style-type: none"> • 35 per base pair • as consumable • shipping fee included • Minimum Synthesis Scale: 100 nmol • Standard Desalted 						
35	Proteinase K (1ml)	tubes	10	2,200.00		22,000.00

Specification:

- 1ml/ tube
- Molecular Grade

36	Rectangular Canted Neck Cell Culture Flask	boxes	1	13,500.00		13,500.00
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Specification:

- 25 cm²
- with Blue Plug Seal Screw Cap

37	Refrigerated Microlitrecentrifuge	unit	1	400,000.00		400,000.00
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Specification:

Capable of centrifuging up to 44 x 1,5 / 2,0 ml, it features a versatile control panel allowing for storage of up to 99 runs. The powerful refrigeration system keeps samples at temperatures as low as 4°C during a continuous run at 20000 xg.

Maintenance-free induction drive

Microprocessor with large LCD Display

Motor driven lid lock

Active imbalance-identification and -cut off

Standstill cooling

Audible signal at the end of each run

Rapid acceleration and deceleration (see rotor data)

Lowest sample temperature 4°C at 20000 xg

Noise level < 56 dBA at 20000 xg

Extremely compact with a space saving footprint

Quick access to samples with a snap on lid

Aerosol tight rotor option

Manufactured according to international safety regulations, i.e. IEC 1010

Distinct Control Panel

-Simple one handed operation

- Easy to program with gloves on

- Foll keyboard

- Permanent indication of preset and actual values

- Selection of speed in both rpm and g-force, with increments of 10

- „Quick“- key for short runs

- 10 acceleration and deceleration rates

- Storage of up to ninety nine runs

- Temperature range from -20° to 40°C

- Input and indication of temperature either in °C or °F

Pre-cooling program (Pre-cooling time from room temperature to +4°C<10 min)

Pre-selection of the running time from 10 sec to 99h 59 min or continuous

Max. Speed: 1500 min⁻¹

Max RCF: 21380xg

Max Volume: 44x 1.5/2.0 ml

Speed Range: 200-1500 rpm

Running Time: 59 min 50sec/ 10 sec increments, 99h 59 min/1min increments

Dimensions (WxHxD): 28cm x 29cm x 55cm

Weight: 35kg

Power Consumption: 500W

Voltage Req.: 220-240 volts

38	Sabouraud Dextrose Agar	btl	2	4,800.00		9,600.00
Specification: 500g						
39	Sequencing and Primer Fees	Yearly	1	240,000.00		240,000.00
Specification: <ul style="list-style-type: none"> • as consumables • shipping fees included • Minimum Synthesis Scale: 100 nmol • Standard desalted 						
40	Sodium Chloride	btl	1	750.00		750.00
Specification: Analytical Reagent Grade 500g per bottle						
41	Sodium dodecyl sulfate (SDS)	btl	1	27,000.00		27,000.00

Specification: ?Molecular biology grade, at least ?99.0% assay quality ?Suitable for protein analysis and electrophoresis ?Dnase-free and Rnase-free ?Phosphatase-free and proteases-free ?Bottle of at least 500g						
42	Sodium Hydroxide, AR 500G	btls	2	1,200.00		2,400.00
Specification: ?500 g/bottle, AR, Pellets						
43	Sterile Petri Dishes	pack	1	10,000.00		10,000.00
Specification: <ul style="list-style-type: none"> • Material: Polystyrene • Diameter: 50mm • Height: 9mm • 100/pack <ul style="list-style-type: none"> • ideal for microbiological analysis when performing the Membrane Filter (MF) Technique 						
44	Taq Mastermix	btls	4	13,500.00		54,000.00
Specification: <ul style="list-style-type: none"> • Certified molecular Biology grade • Ready to Use Reaction Mix • Mixture includes an enzyme, dNTPs, MgCl₂, SYBR Green I Dye, enhancer, stabiizer • Size: 2 x 1mL (200x x 20uL rxn) 						
45	Test Tubes	pack	1	3,000.00		3,000.00
Specification: <ul style="list-style-type: none"> • Rimless • Borosilicate Glass • Plain Neck • No graduations • 16x150mm • clear • 100/pack 						
46	Triton 500 ml	btls	2	3,000.00		6,000.00
Specification: <ul style="list-style-type: none"> • 500 ml (16 oz) Plastic Bottle • High Purity 99%: NOT Diluted 						
47	Vinyl Sheet	roll	1	3,000.00		3,000.00
Specification: <ul style="list-style-type: none"> • Transparent 						

- 1.5mm thickness
- 10 meters

48	Yeast Extract	btls	2	4,000.00	8,000.00
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Specification:

- 500g/bottle
- In powder form
- Appearance : Light yellow to brownish yellow homogenous free flowing powder having characteristic odour but not putrescent.
- Solubility : Freely soluble in distilled/ purified water, insoluble in alcohol.
- Clarity : 2% w/v aqueous solution remains clear and neutral without any haziness after autoclaving at 15 lbs pressure (121C) for 15 minutes.
- Reaction : Reaction of 2% w/v aqueous solution at 25C.
- pH : 6.50- 7.50

TOTAL

1,158,300.00

Purpose: For Laboratory Use

Checked by:

ELIZABETH S. QUEVEDO

TWG - Laboratory Supplies

Funds Available:

NICK FREDDY R. BELLO

HEAD, ACCOUNTING OFFICE

Signature:

Printed Name:

Designation:

Requested by:

JUSTINE BENNETTE H. MILLADO

END USER

Noted by:

JUSTINE BENNETTE H. MILLADO

UNIT HEAD, PROJECT LEADER

Approved by:

EDGARDO E. TULIN

PRESIDENT, VSU