



BID BULLETIN 01

Date: 24 November 2021

Project Title: *Supply and Delivery of Laboratory Supplies and Chemicals (GOODS-22-08)*

Location: VSU Main, Visca, Baybay City, Leyte

Bidders are hereby informed/reminded of the following addendums/amendments/clarifications:

I. LIST OF REQUIREMENTS

(1st Envelope) TECHNICAL COMPONENT ENVELOPE	
<i>Legal Documents</i>	
1	PhilGEPS Certificate of Registration (Platinum)
	or
	a. Registration Certificate (SEC, DTI or CDA)
	b. Mayor's/Business Permit
	c. Tax Clearance
<i>Technical Documents</i>	
2	Statement of All On-Going Government & Private Contracts
3	Statement of Bidder's Single Largest Completed Contract (at least 25% of the ABC or Php 406,635.75)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 406,635.75 and the largest of which should be at least PhP 203,317.88 .
4	Bid Security
5	Technical Specifications
6	SCHEDULE of Requirements/Production and delivery schedule
7	Manpower Requirements
8	After Sales service/parts from acceptance of delivered goods (at least 1 year for equipment and 3 months for supplies)
9	Original Duly Signed Omnibus Sworn Statement
<i>Financial Documents</i>	
10	The Supplier's Audited Financial Statements
11	Net Financial Contracting Capacity (at least Php 1,626,543.00)
	Or
	Committed Line of Credit (at least Php 162,654.30)
(2nd Envelope) FINANCIAL COMPONENT ENVELOPE	
12	Original of duly signed and accomplished Financial Bid Form
13	Original of duly signed and accomplished Price Schedule(s)



Please take note:

In the **Technical Specifications**, bidders must state either “Comply” or “Not Comply” **against each of the individual parameters of the specifications** per item stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in the **Bidders Bid** and cross-referenced to that evidence. Evidence shall be in the form of **manufacturer’s un-amended sales literature (Data Sheets), unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data, and Brand and Model** as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB Clause 3.1(a)(ii)** and/or **GCC Clause 2.1 (a)(ii)**.

II. Preparation of Electronic Bid (for bidders who prefer electronic bid submission)

1. Convert all documents into Portable Document Format (PDF) and should be printable.
2. Properly label all documents for prompt identification. Filename of documents, whichever are applicable to the bidder, should be as follows:

Document	Filename (in PDF form)
1. PhilGEPS Certificate of Registration (Platinum)	PhilGEPS
2. Registration Certificate (SEC/DTI)	Registration Certificate
3. Mayor’s/Business Permit	Mayor’s-Business Permit
4. Tax Clearance	Tax Clearance
5. Statement of On-Going Government & Private Contracts	Statement of On-Going Contracts
6. Statement of Bidder’s Single Largest Completed Contract	SLCC
7. Statement of at least two (2) similar completed contracts	Statement of Completed Contracts
8. Bid Security	Bid Security
9. Technical Specifications	Technical Specifications
10. SCHEDULE of Requirements/Production and delivery schedule	Schedule of Requirements
11. Manpower Requirements	Manpower Requirements
12. After Sales service/parts	After Sales
13. Omnibus Sworn Statement	Omnibus Sworn Statement
14. Audited Financial Statements	Audited Financial Statements
15. Net Financial Contracting Capacity	NFCC
16. Committed Line of Credit	CLC
17. Bid Form	Bid Form
18. Price Schedule	Price Schedule

3. Create two (2) folders that are password-protected. The first folder should contain all requirements under Technical Component checklist as presented under Section VIII.



The second folder should contain all requirements under Financial Component checklist.

4. Compress the two (2) folders and name as follows: a) first folder: **Technical Documents**, b) second folder: **Financial Documents**.
5. Email the 2 compressed folders to Ms. Jessamine C. Ecleo at jessamine.ecleo@vsu.edu.ph before the deadline.

III. Changes in the Bidding Documents

Original	
<p>Section I. Invitation to Bid</p> <p>6. A complete set of Bidding Documents may be acquired by interested Bidders on 11 November-02 December 2021 until 8:30 AM from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p> <p>11. This procurement project is part of the early procurement activities (EPA) of VSU for 2022 projects. Procurement activities from advertisement until recommendation of award to the HoPE shall be conducted in 2021 but issuance of award to the winning bidder(s) shall be done in</p>	<p><i>(Amendment)</i></p> <p>A complete set of Bidding Documents may be acquired by interested Bidders on 11 November-02 December 2021 until 8:30 AM from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means:</p> <p>The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p> <p>The Bidders may deposit the payment for the bidding documents to the Visayas State University Landbank Account with the following details:</p> <p>Account Name: Visayas State University Fund 164 Account Number: <u>3572-1000-13</u></p> <p>Then send the deposit slip to jessamine.ecleo@vsu.edu.ph</p> <p><i>(Emphasis)</i></p>



<p>2022 upon the release of 2022 General Appropriations Act from DBM.</p>	
<p>Section II. Instructions to Bidders</p> <p>15. Sealing and Marking of Bids</p>	<p><i>(Additional Instructions)</i></p> <p>Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.</p> <p>For filing purposes, the bidders are urged to use Red envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.</p>

IV. Revised List of Goods and Technical Specifications

- Some Specifications were added (in red font) and/or deleted (in blue font)
- Some Quantities and Unit Prices (ABC) were changed

Item No.	Description	Qty	Unit	ABC/Unit	Total ABC
1	L-Glutamine, ≥99% (HPLC), 100g	1	btl	6,000.00	6,000.00
	■ ≥99% (HPLC grade)				
	■ 100g per bottle				
2	6-Benzylaminopurine, 5g/btl	1	btl	1,500.00	1,500.00
	■ suitable for plant cell culture				
3	D-Pantothenic acid hemicalcium salt, 5g	1	btl	1,500.00	1,500.00
4	95% Ethyl Alcohol, Technical Grade (Gallon)	2	gallon	800.00	1,600.00
5	Agar Agar	1	kilos	2,800.00	2,800.00
6	Myo-inositol	2	btls	2,880.00	5,760.00
	■AR, 100g				
7	Stirring Rod	3	pieces	100.00	300.00
	■ big size, 10 inches long				
	■ fire polished ends with no policeman				
8	Reagent Bottle 500mL	9	pcs	500.00	4,500.00
	■ Amber colored bottle with HDPE orange screw cap				
	■ 500mL				
9	Barfoed's Reagent Solution 1000mL	6	btls	400.00	2,400.00
	■ Technical Reagent Grade				
	■ 1000mL per bottle				
10	Glycerine	4	liter	300.00	1,200.00
	■ Glycerine Technical Grade				
	■ 1L/bot.				
11	Canada Balsam, for microscopy, 100ml	1	btl	1,800.00	1,800.00
12	Acetone	1	bot	1,800.00	1,800.00
	■ Technical Grade				



	<ul style="list-style-type: none"> ■ 1gal-delete atleast 2.5L/bottles 				
13	Coplin Jar with cover	6	pcs	750.00	4,500.00
	Specification:				
	Internal Width (in)1 11/64				
	Internal Height (in)2 61/64				
	Internal Depth (in)1 11/64				
	Internal Width (cm)3				
	Internal Height (cm)7.5				
	Internal Depth (cm)3				
14	Safranin O Solution	1	btl	1,800.00	1,800.00
	<ul style="list-style-type: none"> ■ 250ml 				
15	Ethyl Alcohol (95%)	2	canister	7,500.00	15,000.00
	Container size: Plastic waterjug (20L)				
16	Absorbent Cotton Roll 400g	9	roll	450.00	4,050.00
	Quality cotton products that guarantee superior absorbency and made from 100% pure and natural fibers absorbs more liquid and faster than synthetic fibers				
17	Proteinase K	1	pack	9,400.00	9,400.00
	Molecular biology grade, DNase-Free, RNase-Free				
	For general digestion of proteins				
	Lyophilized form				
	Pack of at least 100mg with appropriate buffer				
18	200- 1000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable	1	pc	7,000.00	7,000.00
	7030301016, 200- 1000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable				
19	1000- 5000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavabl	1	pc	7,000.00	7,000.00
	7030301017, 1000- 5000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable				
20	1000- 5000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavabl	1	pc	7,000.00	7,000.00
	7030301017, 1000- 5000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable				
21	Sodium dodecyl sulfate (SDS)	1	btl	27,000.00	27,000.00
	<ul style="list-style-type: none"> ■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 				
22	Ammonium Nitrate	2	kl	5,500.00	11,000.00
	<ul style="list-style-type: none"> ■AR grade; at least 98% purity ■Molecular Wt. 80.043 grams per mol. 				



	☐1kg/pack				
23	Potassium Nitrate	3	kl	5,800.00	17,400.00
	☐AR grade				
	☐Formula: KNO3				
	☐Molar wt: 101.1032 g/mo				
	☐1kg/pack				
24	Mannitol (AR)	2	pack	1,500.00	3,000.00
	Formula: C6H14O6				
	Molecular Wt. 182.172g/mol.				
25	Sorbitol (AR)	2	pack	2,000.00	4,000.00
	Chemical Formula: C6H14O6				
	Molecular Wt. 182.172 g/mol.				
26	Calcium Chloride Dihydrate	2	btl	2,000.00	4,000.00
	☐Branding the chemical to be purchase is following the protocol set for the project's protocol and standards				
	☐Chemical must be plant tissue culture tested for at least 20 years				
	☐ISO complaint				
	☐ACS REAG				
	☐PH EUR				
	☐meets USP Standards				
	☐Bioreagent suitable for cell culture				
	☐500g				
27	Agar Powder	2	btl	1,400.00	2,800.00
	for plant tissue culture, 1kg				
28	Ethylmethanesulfonate, EMS	1	gms	500.00	500.00
	- a mutagenic chemical				
	Molecular Weight: 124.16 g/mol				
	Molecular Formula: C3H8O3S				
29	Potassium phosphate monobasic, KH2PO4	2	btl	1,450.00	2,900.00
	Analytical grade				
	Use for enzyme buffers and chemical assays				
	Bottle of 500g				
30	Casein Hydrolysate	1	bot	5,000.00	5,000.00
	Product Description:				
	Casein Hydrolysate is used as a general purpose culture medium.				
	Appearance: Yellow colored homogeneous free flowing powder				
	Gelling: Firm, comparable with 1.5% Agar gel				
	Colour and Clarity of prepared medium: Light to medium amber coloured, clear to slightly opalescent gel forms in Petri plates.				
	Reaction : Reaction of 3.55% w/v aqueous solution at 25°C. pH : 7.8±0.2 pH 7.60-8.00				
	Packaging: 500grams/bottle				
31	Alcohol, Ethyl (70%)	6	L	130.00	780.00
32	Nutrient Agar	2	btl	5,455.00	10,910.00



	■500g				
33	Potato Dextrose Agar (PDA), 500 grams	3	btl	4,500.00	13,500.00
34	Gloves, Nitrile, Medium	2	box	500.00	1,000.00
	■Glove Type: Chemical Resistant Disposable Gloves				
	■Glove Material: Nitrile				
	■Powder-Free				
	■1 box of 100 or 50 pairs				
	■Food Safe				
	■Size: Medium				
35	Ethyl Alcohol (95%) (Tech)	7	liters	500.00	3,500.00
36	Filter Paper, 12.5 cm. Ashless #42 or equivalent	3	boxes	1,800.00	5,400.00
	Pore size: 2.5um at least 100 pcs. per box				
37	Ammonium Acetate, AR	4	kgs	1,800.00	7,200.00
38	Copper Sulphate, 500 grams/pack	2	pack	500.00	1,000.00
39	Boric Acid, Analytical Reagent	1	kgs	1,400.00	1,400.00
40	Wash Bottle, 250mL cap.	1	pc	200.00	200.00
	■Material: Plastic (good quality)				
41	Polyethylene bags	150	pcs	4.00	600.00
	4 x 4 x 8"				
42	Sodium Hydroxide, Technical grade, 5kg/pack	1	btls	980.00	980.00
43	Sodium Hydroxide, AR 500G-delete 1kg	5	btls	1,500.00	7,500.00
	■500 g-delete 1kg/bottle, AR, Pellets				
44	Nutrient Agar, 500g	1	btl	5,600.00	5,600.00
45	Potassium Dihydrogen phosphate (100g)	1	bot	500.00	500.00
46	Potassium Chloride, AR, 1000g	1	btl	2,500.00	2,500.00
47	Separatory Funnel with Ring Stand	6	set	11,500.00	69,000.00
	Borosilicate glass				
	With stopper and cap material				
	With lab compatible lap support stand				
	With compatible ring clamp				
	Size: 1L				
48	Activated Carbon Filter for FH1200(X) Fume Hood	2	pc	60,000.00	120,000.00
	Fume hood filter replacement				
	For Biobase FH1200(X) Fume Hood				
	For organic and corrosive vapors				
49	Amber Reagent Bottle, 1L	12	pc	1,000.00	12,000.00
	With Stopper/Screw Cap				
	Material: Glass/Borosilicate Glass				
	Capacity: 1L				
50	Amber Reagent Bottle, 500mL	12	pc	750.00	9,000.00
	With Stopper/Screw Cap				
	Material: Glass/Borosilicate Glass				
	Capacity: 500mL				
51	Amber Reagent Bottle, 250mL	12	pc	550.00	6,600.00
	With Stopper/Screw Cap				



	Material: Glass/Borosilicate Glass				
	Capacity: 250mL				
52	Amber Reagent Bottle, 100mL	12	pc	400.00	4,800.00
	With Stopper/Screw Cap				
	Material: Glass/Borosilicate Glass				
	Capacity: 100mL				
53	Amber Reagent Bottle	12	pc	350.00	4,200.00
	With Stopper/Screw Cap				
	Material: Glass/Borosilicate Glass				
	Capacity: 50mL				
54	Heating Mantle	2	pcs	12,000.00	24,000.00
	■220V 500mL/1L/2L Heating Mantle & Magnetic Stirrer Stirring Temperature Regulation Digital Display Lab Electric Sleeve - 2L				
55	Graduated Cylinder, Glass, 250mL	9	pc	800.00	7,200.00
	■ Material: Borosilicate Glass				
	■ Good Quality				
56	Graduated Cylinder, Glass, 1000mL	9	pc	2,100.00	18,900.00
	■ Material: Borosilicate Glass				
	■ Good Quality				
57	Anti-static Cleaning Brush	6	pc	650.00	3,900.00
	Ideal for balance and lens cleaning				
	For cleaning sensitive surfaces and at the same time removing any existing static charge				
	Material: Mixture of natural fibers and conductive synthetic fibers				
58	Swivel head bottle/flask brush	6	pc	750.00	4,500.00
	Ideal for a round-bottom flask or rotary flask				
	Head of brush swivels, reaching intricate curves and corners				
	Natural bristles set in wood will not scrape the cleaned surface				
	Head fits into any container with a neck diameter of at least 24 mm (1 in.) or more.				
	Reach into deep vessels with utmost 33 cm (13 in.) hardwood handle				
59	Centrifuge Tube Brush	3	pack	1,750.00	5,250.00
	For centrifuge tubes				
	Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot water				
	Length: at least 12 inches				
	Brush size diam. x L: utmost 1 1/2 in. x 4 1/2 in.				
	Pack of 4 brushes				
60	Pipette Brush	3	pack	1,750.00	5,250.00
	For pipette tips				
	Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot				



	water.				
	Length: at least 17 inches				
	Brush size diam. x L: utmost 3/16 - 3/4 in. x 7 1/2 in.				
	Pack of 4 brushes				
61	Narrow Tube Brush	3	pack	1,500.00	4,500.00
	For narrow tubes				
	Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot water.				
	Length: at least 12 inches				
	Brush size diam. x L: utmost 1/2 in. x 3 in.				
	Pack of 4 brushes				
62	Micro Tube Brush	6	pack	1,500.00	9,000.00
	For microcentrifuge tubes				
	Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot water.				
	Length: at least 7 inches				
	Brush size diam. x L: utmost 3/16 - 1/2 in. x 3 in.				
	Pack of 4 brushes				
63	Flask Brush	3	pc	850.00	2,550.00
	For flasks				
	Material: natural bristles				
	Stiff of at least 4 1/2 x 13/4 in.				
	Brush mounted on a preformed, plastic handle that adapts itself to the curvature of the flask.				
	Overall Length: at least 16 in.				
	Fits through at least 24/40 joints.				
64	Cylinder Brush	3	pack	3,500.00	10,500.00
	For cylinders				
	Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot water.				
	Length: at least 20 inches				
	Brush size diam. x L: utmost 2 3/8 in. x 6 in.				
	Pack of 4 brushes				
65	Test Tube Brush	3	pack	2,000.00	6,000.00
	For test tubes				
	Brush materials resistant to acids, aromatic and aliphatic hydrocarbons, ketones, ethyl acetate esters, trichloroethylene, and hot water.				
	Length: at least 10 inches				
	Brush size diam. x L: utmost 1 3/8 in. x 4 in.				
	Pack of 4 brushes				
66	Pipette Filler	4	unit	11,500.00	46,000.00



	Compatible with most plastic and glass pipettes from 0.1 to 100mL				
	Eight speeds of selection for aspiration and dispensing				
	LCD display shows low battery warning and speed setting				
	Powerful rechargeable Li-ion battery enables 8h runtime				
	Enables single-handed operation with minimum effort				
	0.45µm replaceable hydrophobic filter				
67	PCR Tube Rack with Cover	12	pc	650.00	7,800.00
	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				
68	Centrifuge Rack, Multifunction	12	unit	750.00	9,000.00
	For storage and general-purpose				
	Fit for 10mL, 15mL, 50mLl centrifuge tubes				
	The centrifuge tube rack can be disassembled and easily assembled.				
	The centrifuge tube rack after assembly has two layers				
	Holds 30 pcs of 15 mL tubes and 20 pcs of 50mL tubes				
69	Petri dish	24	pc	200.00	4,800.00
	■comprise a lid and base				
	■high clarity glass				
	■borosilicate glass				
	■size:				
	◀Cover int. dia mm : 95				
	◀Base ext. dia mm: 94				
	◀Size: 100 x 20				
70	Serological Glass Pipette, 25mL	12	pc	500.00	6,000.00
	Autoclavable				
	Borosilicate glass				
	Graduation: 0.2mL Intervals				
	Capacity: 25mL				
71	Serological Glass Pipette, 50mL	12	pc	900.00	10,800.00
	Autoclavable				
	Borosilicate glass				
	Graduation: 1mL Intervals				
	Capacity: 50mL				
72	Glass Centrifuge Tubes, 10mL	24	pc	550.00	13,200.00
	Glass centrifuge tube with screw cap, heavy wall				
	Form: Round bottom				
	Material: Borosilicate glass				
	Capacity: 10mL with graduation				
73	Glass Centrifuge Tubes, 50mL	24	pc	950.00	22,800.00



	Glass centrifuge tube with screw cap, heavy wall				
	Form: Round bottom				
	Material: Borosilicate glass				
	Capacity: 50mL with graduation				
74	0.5-10 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable	1	pc	7,000.00	7,000.00
	7030301004, 0.5-10 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable				
75	20-200ul Single Channel Pipettor, Fully Autoclavable	1	pc	14,600.00	14,600.00
	NT-A200, 20-200ul Single Channel Pipettor, Fully Autoclavable				
76	10-100ul Single Channel Pipettor, Fully Autoclavable	1	pc	14,600.00	14,600.00
	NT-A100, 10-100ul Single Channel Pipettor, Fully Autoclavable				
77	2-20ul Single channel pipettor	1	pc	14,600.00	14,600.00
	NT-A20, 2-20ul Single Channel Pipettor, Fully Autoclavable				
78	Laboratory Safety Goggles	6	unit	1,500.00	9,000.00
	Chemical and heat resistant				
	Anti-fog clear polycarbonate lens				
	Soft, flexible PVC body molds to facial contours for a comfortable fit				
	Resist a broad range of chemicals				
	Circular vents allow air to flow freely through the goggle body				
	Meet ANSI™ Z87.1-2010 or equivalent				
79	Mini-spin Centrifuge	3	unit	15,000.00	45,000.00
	Control mode: Power direct drive				
	Max. relative centrifuge force: at least 3000 xg				
	Max. rotational speed: at least 7000rpm				
	Rotor capacity and accessories: inclusions				
	Angled rotor 0.2/0.5/1.5/2 ml*12				
	PCR rotor 0.2ml*12*4				
	Rotor for PCR plates				
	Max speed acceleration/reduction: ≤12s /≤15s				
80	Laboratory Stool/Chair, Wheeled	20	pc	4,500.00	90,000.00
	Anti-static stool				
	Adjustable height: at least 40-60 cm				
	Weight capacity: at least 300lbs				
	Ergonomic with hip to mid-waist level back support				
	With round footrest/ foot ring				
	Anti-slip seat material: Rugged polyurethane				
	No. of wheels: 5				
	Standard style w/polished aluminum base: 20"-30"				
	Seat shape: Round				



	Color: Black				
81	Laboratory Stool/Chair, Goblet Foot	20	pc	4,500.00	90,000.00
	Anti-static stool				
	Adjustable height: at least 40-60 cm				
	Weight capacity: at least 300lbs				
	Ergonomic with hip to mid-waist level back support				
	With round footrest/ foot ring				
	Anti-slip seat material: Rugged polyurethane				
	No. of goblet foot 5				
	Standard style w/polished aluminum base: 20"-30"				
	Seat shape: Round				
	Color: Black				
82	Wall-mounted Cupboard/Cabinet	12	unit	12,000.00	144,000.00
	Purpose: Laboratory storage cabinet				
	Material: High quality galvanized steel sheet				
	Surface: Electrospayed with epoxy-resin				
	Door panel: High quality galvanized steel with Glass Door				
	Handle: Aluminum dark type handle				
	Dimension: at least 1240 x 380 x 570 mm				
	Doors: 3-door cabinet				
	Layer per door: one removable shelf				
	Color: must be WHITE				
	On-site installation included				
83	Mobile Pedestal Cabinet, Four-drawers	12	unit	10,500.00	126,000.00
	Purpose: Laboratory storage cabinet				
	Material: High quality galvanized steel sheet				
	Surface: Electrospayed with epoxy-resin				
	Dimension: "must" 700 x 530 x 560 mm - the same with existing cabinet				
	Division: Four-drawers				
	Footing: Lock/unlock caster wheels				
	Color: must be WHITE				
	On-site installation included				
84	Mobile Pedestal Cabinet, Single-door cabinet with single drawer	12	unit	10,500.00	126,000.00
	Purpose: Laboratory storage cabinet				
	Material: High quality galvanized steel sheet				
	Surface: Electrospayed with epoxy-resin				
	Dimension: "must" 700 x 530 x 560 mm - the same with the existing cabinet				
	Division: Single-door cabinet with single drawer				
	Footing: Lock/unlock caster wheels				
	Color: must be WHITE				
	On-site installation included				
85	Microcentrifuge Rack with Cover, Reversible (2 mL/ 1.5 mL)	12	unit	850.00	10,200.00
	Polypropylene (PP)				



	Autoclavable				
	Excellent rack for benchtop use or freezer storage.				
	Excellent chemical & temperature resistance				
	80/60 well rack capacities:				
	80-Place for 1.5 & 2.0mL tubes				
	60-Place for 0.5 & 0.2mL tubes				
	With lid or cover				
86	Floating Microtube Racks	6	pack	2,500.00	15,000.00
	Polypropylene racks keep microtubes submerged in a water bath.				
	Polypropylene construction				
	Detachable				
	Ideal for controlling sample temperature				
	Round Racks of 1.5 and 2.0 ml				
	Capacity: 20 tubes				
	Pack of 4 floating racks				
87	Mortar and Pestle, Heavy Duty	12	unit	850.00	10,200.00
	Mortars with spout				
	Material: Porcelain for both mortar and pestle				
	Inside grinding surface unglazed				
	Capacity: 145 mL, 90 x 70 mm				
	Heat and cold resistant				
88	Amber Injection Glass Vials with cover, 2mL	6	pack	3,500.00	21,000.00
	Screw top vial, 2 mL				
	Amber, write-on spot with cover				
	Autoclavable				
	Compatible with Agilent HPLC Sampler				
	Pack of 100 vials				
89	Amber Injection Glass Vials with cover, 4mL	6	pack	6,500.00	39,000.00
	Screw top vial, 4 mL				
	Amber, write-on spot with cover				
	Autoclavable				
	Compatible with Agilent HPLC Sampler				
	Pack of 100 vials				
90	Vortex Mixer, 220V QL-901-delete, 2800RPM	4	pc	14,000.00	56,000.00
91	Liquid Nitrogen Storage/Transfer Vessel	3	unit	15,000.00	45,000.00
	N2 Transfer Vessel				
	Capacity: 10L				
	Lightweight aluminum dewars assure low-static evaporation rates				
92	Potassium Hydroxide	3	btl	4,200.00	12,600.00
	■Flakes				
	■Analytical Grade				
	■1kg				
93	Potassium Hydrogen Phthalate (KHP)	1	btl	8,000.00	8,000.00
	■(CAS 877-24-7)				



	☐ Powder				
	☐ 500g-delete 1kg				
	☐ Analytical Grade				
94	Phenolphthalein Powder Indicator	1	btl	9,000.00	9,000.00
	☐ Analytical Grade				
	☐ 500 grams				
	☐ CAS 77-09-8				
95	Alcohol, Denatured	1	gallons	500.00	500.00
96	1000 ml Type 1, class A borosilicate glass Beaker	3	pcs	1,000.00	3,000.00
97	Mortar and Pestle (small)	1	pc	300.00	300.00
98	Lab Gown Long Sleeves L	1	pcs	500.00	500.00
	☐ Lab Coat High-quality White				
	☐ Size- Large; long sleeves				
99	Laboratory Weighing Boats	1	pack	1,000.00	1,000.00
	Plastic, 100 mL				
	at least 100 pcs. pack				
100	Ethanol	1	bottles	2,500.00	2,500.00
	AR grade, 2.5L, at least 95% v/v				
101	Sulfuric Acid	1	btl	1,750.00	1,750.00
	☐ Analytical Grade (98%)				
	☐ 2.5 Liters				
	☐ specific gravity 1.84				
102	Lab Gown Long Sleeves M	1	pcs	500.00	500.00
	☐ Lab Coat High-quality White				
	☐ Long sleeves				
	☐ Medium Size				
103	Graduated Cylinder, Glass, 100mL	3	pcs	520.00	1,560.00
	100mL capacity				
	Type 1, Class A Borosilicate Glass				
104	Erlenmeyer Flask, Glass, 500mL	3	pcs	500.00	1,500.00
	☐ 500mL capacity, borosilicate glass				
105	500 ml Type 1, class A borosilicate glass Beaker	4	pcs	400.00	1,600.00
106	250 ml Type 1, class A borosilicate glass Beaker	6	pcs	300.00	1,800.00
107	Weighing Paper Sheet, Non-Absorbing	3	pack	201.00	603.00
	High-Gloss Pack of 500				
108	Reagent Bottles	3	pc	500.00	1,500.00
	☐ Amber Glass Wide Mouth Bottle Chemical Reagent Storage Bottles				
	☐ 250 ML capacity				
	☐ Features:				
	— Glass body for chemical, thermal expansion, shock, and heat resistance.				
	— Amber glass bottles are perfect for storing materials which are sensitive to degradation from light.				
	— Wide mouth, cylindrical shape body for a wide variety of applications that require solution containment.				



	—Ground glass stopper seals the bottle to secure contents and help prevent spills and evaporation.				
	—Useful for storing both liquids and powders, widely used in chemistry and biology application				
109	Graduated Cylinder, Plastic, 1000mL Plastic, 1000ml (1L) capacity for Particle Size Analysis	3	pcs	400.00	1,200.00
110	Solar Charge Controller Voltage: DC 12V/24V Rated charge current: 30A Max. PV Voltage: 50V Max. PV Input power: 12V: 130W-650W, 24V: 260W-1200W Charge Current: 10A-50A Discharge current: 10A-50A Max solar input: <50A Self-consume: <10mA	7	pc	500.00	3,500.00
111	Watch Glass Material: Glass/Borosilicate Glass Autoclavable: Yes Outer diameter: 75 mm (7.5cm), fits 250 mL beakers, 12pcs/pack, good quality	1	pack	1,500.00	1,500.00
112	Beaker, Glass, 250mL Low Form Beaker Borosilicate Glass Transparent Beaker Thickened With Spout	6	pc	300.00	1,800.00
113	Erlenmeyer Flask, Glass, 250mL Material: Borosilicate Glass Good Quality	6	pc	400.00	2,400.00
114	Brush for cleaning 250mL Erlenmeyer Flask Bristle Color: White Bristle Brush+Handle Length: 12" Brush Diameter: 1 3/8" Brush Length: 3 1/2" Suitable for cleaning 250mL Erlenmeyer Flask	2	pc	250.00	500.00
115	Reagent Bottle With Stopper/Screw Cap Material: Glass/Borosilicate Glass Color: Clear/Transparent Flask Capacity: 2000mL Graduation: 1800mL	2	pc	300.00	600.00
116	Labware Detergent or Laboratory Dishwashing Liquid Suitable for manual, ultrasonic, and	6	btl	2,500.00	15,000.00



	machine washing				
	☑Completely biodegradable				
	☑Free of phosphate, chlorine, enzyme, and EDTA				
	☑Contains anionic and cationic surfactants				
	☑5 liters per bottle (atleast 2.5L/bot)				
				TOTAL:	1,626,543.00

(Sgd.)
DILBERTO O. FERRAREN
BAC Chairman