



BID BULLETIN 01

Date: 22 June 2021

Project Title: *Supply and Delivery of Laboratory Equipment and Supplies (GOODS-21-32)*

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 50% of the ABC or Php 876,167.50)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 876,167.50 and the largest of which should be at least PhP 438,083.75.
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 30 days 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 1,752,335.00)
	Or
	Committed Line of Credit (at least Php 175,233.50)
(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	Amendment
<p>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>10 May – 30 June 2021 until 1:30 PM</i> 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>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>10 May – 30 June 2021 until 1:30 PM</i> 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 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</p> <p>Account Number: <u>3572-1000-13</u></p> <p>Then send the deposit slip to jessamine.ecleo@vsu.edu.ph</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.	Item Description and Specifications	ABC/Unit	Qty	Unit	Total ABC
1	Microscope with Infinity Corrected Optics and Eyepiece Camera	150,000.00	1	unit	150,000.00
	▣MICROSCOPE				
	◀Optical System: <i>UIS2-delete</i> (Universal infinity-corrected) optical system				
	◀6V/30W halogen <i>or LED</i> bulb				
	◀100-120V/220-240~0.85/0.45A 50/60Hz				
	◀Focusing: Stage height movement by roller guide				
	—Fine adjustment scale:2.5microns per gradation				
	—Fine adjustment stroke: 0.3microns per turn				
	—Total stoke: 20microns				
	◀Revolving Nosepiece: Fixed quadruple nosepiece with inward tilt				
	◀Objectives: Plan C Achromat Objectives				
	—4xNA: 0.10 W.D.: <i>15 mm or higher</i>				
	—10xNA: 0.25 W.D.: 8.0 mm				
	—40xNA:0.65 W.D.: 0.6 mm				
	—100xOil NA: 1.25 W.D.: 0.13 mm				
	◀Binocular Observation Tube: Field Number: 20				
	◀Tube inclination: 30 degree				
	◀Interpupillary distance adjustment range: <i>47mm-75mm</i>				
	◀Stage: Size: 188mm(W) x 134mm(D)				
	◀Movement range: 76mm X-direction x 50mm Y-direction				
	◀Stage: Size: 188mm(W) x 134mm(D) <i>or higher</i>				
	◀Movement range: 76mm X-direction x 50mm Y-direction				
	◀Specimen holder: Double slide holder				
	◀Rubber grip: Equipped as standard				
	◀Condenser: Type: Abbe condenser, with built-in daylight filter				
	◀NA: 1.25 with oil immersion				
	◀Aperture in diaphragm: Built-in				
	▣EYEPIECE CAMERA				
	◀Optics				
	—Built-in magnification: 25x				
	—Lens type: Glass with Anti-Reflection coating				
	◀Sensor				
	—Sensor Type: CMOS				
	—Resolution: 5 Megapixel (2592x1944)				
	—Maximum frame rate: 30 fps				
	◀Dimensions				
	—Mounting type: Inside ocular/tube & c-mount				
	—Ocular inner diameter: 23, 30, 30,5mm				
	— <i>Dimensions: 80 mm (H) x 32 mm (D)-delete</i>				
	◀Compatibility				
	—Interface: USB 2.0				
	—Operating system: Windows XP, Vista, 7,8, & 10, MacOS 10.4 and up				
	—Inclusion of software				



2	Vortex Mixer	40,000.00	1	unit	40,000.00
	☐ Processing Range: 2 mL to 50 mL (can be used up to 30ml or higher)				
	☐ Speed: 600 - 3,200 RPM variable>				
	☐ Orbit: 4 mm				
	☐ Power rating: 120/230 VAC/50/60 Hz				
	☐ Dimension: L: 6.5in(16.51cm), W: 4.8in(12.192cm), H: 6.5in(16.51cm)-delete				
	☐ Product weight: 8.8 lbs. (4kg)-delete				
3	Autoclave High Steam Sterilizer (Electric)	90,000.00	1	unit	90,000.00
	☐ 120 or 240 volt operation				
	☐ 1650 Watts				
	☐ 60 min. mechanical bell timer				
	☐ Capacity: 39 L				
	☐ Calrod immersion heating element				
	☐ 3 wire grounded cord and plug				
	☐ Aluminum inner container w/ rack				
	☐ Stainless steel support stand				
4	Multi-position Hot Plate Stirrer (corrosive resistant)	95,000.00	1	unit	95,000.00
	☐ 3 independent heating/stirring positions				
	☐ 600 x 270 mm footprint or higher				
	☐ robust aluminum / silicon alloy top plates or stainless steel with ceramic coating				
	☐ Stirring speed: 1500rpm				
	☐ Volume: 10 L				
	☐ 3 x 25 mm PTFE coated stir bars				
5	Emergency Eye-Wash Station/Shower	50,000.00	2	unit	100,000.00
	☐ Material: stainless steel				
	☐ Emergency shower: 304 stainless steel inlet pipe, s/s stay-open ball valve with s/s actuating arm s/s pull rod & s/s shower head				
	☐ Eye wash: 304 stainless steel inlet pipe, s/s stay-open ball valve with flag handle & s/s eye wash bowl				
	☐ Spray head: Chemical resistant PP/Solid brass, built-in stainless steel filter to remove impurities from water				
	☐ Foot treadle stainless steel available				
6	Top Loading Balance	30,000.00	1	unit	30,000.00
	☐ Readability (d): 0.01 g				
	☐ Weighing range (max): 3600 g				
	☐ Taring range (subtractive): 3600 g				
	☐ Reproducibility: 0.02g				
	☐ Linearity: + - 0.05 g				
	☐ Adjustment points: 1.0/2.0/3.0/3.6 kg				
	☐ Housing (BxDxH) mm: 167 x 250 x 85-delete				
	☐ Weighing plate stainless steel mm: 130 x 130				
	☐ Weight kg (net): 1.5-delete				
7	Flame Photometer	600,000.00	1	unit	600,000.00
	☐ ((supplied)Range: 0 to 199.9ppm				
	☐ Limits of detection: Na: 0-2ppm; K: 0.2ppm; Ca: 15ppm; Li: 0.25ppm; Ba: 30ppm				
	☐ Reproducibility: Less than 1% CV				
	☐ Linearity less than 2% error				
	☐ Electrical Supply: 190-250V at 50/60Hz				
	☐ Air Supply: Moisture and oil free, 6 liter/min at 14psi				
	☐ Fuel: Propane, butane, natural gas or LPG				
	☐ Size (w x d x h): 420 x 360 x 300mm-delete				



	<ul style="list-style-type: none"> ☐ Weight: 8kg-delete ☐ With Accessories <ul style="list-style-type: none"> —Filters for Na, K, Li, Ca, Ba —Connecting hoses and clips —Compressor plug, drain trap, and fuses —Operation and instruction manual —Air compressor —Water separator —Calibration standards for Na, K, Li, Ca, Ba 				
8	Pipette Sets (0.1-2.5 μL, 2-20 μL, 20-200 μL, and 100-1000 μL)	100,000.00	1	unit	100,000.00
	<ul style="list-style-type: none"> ☐ Includes: 4 single-channel pipettors, universal linear stand for four single-channel pipettors ☐ With specific color codes-delete ☐ Number of Channels: 1 ☐ Finger Style and grip type: Ergonomic ☐ Autoclavable ☐ Corrosive resistant 				
9	Laboratory Freezer (Upright Type) Anti-Frost	250,000.00	1	unit	250,000.00
	<ul style="list-style-type: none"> ☐ Total Gross Capacity: not less than 300 Li ☐ External Dimension: approx. 60cm x 62cm x 184cm (wxdxh) ☐ Internal Dimension: approx. 42cm x 40cm x 159cm (wxdxh) ☐ Temperature range: -9°C to -30°C or lower ☐ Liner material: preferably polystyrol material ☐ Shelf loading: not less than 20kg ☐ Controller: Electronic ☐ Number of drawers: 8 or more ☐ Power supply: 220V ☐ Preferably with accessories such as AVR, adaptors, etc. 				
10	Reagent Bottle.	300.00	4	pcs	1,200.00
	<ul style="list-style-type: none"> ☐ With Stopper/Screw Cap ☐ Material: Glass/Borosilicate Glass ☐ Color: Clear/Transparent Flask ☐ Capacity: 2000mL ☐ Graduation: 1800mL 				
11	Erlenmeyer Flask, Glass, 250mL	400.00	20	pcs	8,000.00
	<ul style="list-style-type: none"> ☐ Material: Borosilicate Glass ☐ Good Quality 				
12	Beaker, Glass, 250mL	400.00	10	pcs	4,000.00
	<ul style="list-style-type: none"> ☐ Low Form Beaker ☐ Borosilicate Glass ☐ Transparent Beaker ☐ Thickened With Spout 				
13	Beaker, Glass, 250mL	400.00	2	pcs	800.00
	<ul style="list-style-type: none"> ☐ Low Form Beaker ☐ Borosilicate Glass ☐ Transparent Beaker ☐ Thickened With Spout 				
14	Pippette Tips 5ml	1,400.00	3	pack	4,200.00
	<ul style="list-style-type: none"> ☐ 100 pcs of 5-ml pipette tips per pack 				
15	Delicate Task Wipes	800.00	4	box	3,200.00
	<ul style="list-style-type: none"> ☐ 4.4 x 8.4 inches (11 x 21 cm) ☐ 280 sheets/box ☐ lint-free 				



16	Boric Acid, Analytical Reagent 500 grams/btl	1,400.00	2	btl	2,800.00
17	Methanol	2,500.00	2	Btl	5,000.00
	☑AR grade, 4L-delete 2.5L per bottle				
18	Magnesium chloride, MgCl₂	3,000.00	2	btl	6,000.00
	☑1kg per bottle				
	☑colorless crystalline solid				
	☑Properties:				
	◀ Quality Level: 300				
	◀ Grade: anhydrous				
	◀ Assay: ≥98%				
	◀ Form: powder				
	◀ Impurities: ≤0.5% Insolubles				
	◀ bp: 1412 °C/1 atm (lit.)				
	◀ mp: 714 °C (lit.)				
	◀ Density: 2.32 g/mL at 25 °C (lit.)				
19	Potassium Chloride	1,500.00	2	kgs	3,000.00
	☑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				
20	Reagent Bottles	500.00	10	pcs	5,000.00
	☑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				
21	Graduated Cylinder, Glass, 250mL	600.00	10	pcs	6,000.00
	☑Material: Borosilicate Glass				
	☑Good Quality				
22	Test Tube (Small), Glass, 12 x 75mm	200.00	15	pcs	3,000.00
	☑12x75 mm glass (borosilicate)				
23	Test Tube (Medium), Glass, 15 x 125mm	250.00	15	pcs	3,750.00
24	Test Tube (Large), Glass, 25 x 150mm	300.00	10	pcs	3,000.00
	☑Borosilicate Glass, 25mm x 150mm				
25	Erlenmeyer Flask, Glass, 500mL	1,000.00	5	pcs	5,000.00
	☑500mL capacity, borosilicate glass				
26	Graduated Cylinder, Glass, 100mL	300.00	10	pcs	3,000.00
	☑100mL capacity				
	☑borosilicate glass				
27	Beaker, Glass, 2000mL	1,000.00	2	pcs	2,000.00
	☑2000mL capacity, borosilicate glass				
	☑2000mL capacity, borosilicate glass				
28	Beaker, Glass, 1000mL	1,000.00	2	pcs	2,000.00
	☑1000mL capacity, borosilicate glass				
	☑1000mL capacity, borosilicate glass				



29	Beaker, Glass, 500mL ☐500mL capacity, borosilicate glass ☐500mL capacity, borosilicate glass	1,000.00	5	pcs	5,000.00
30	Beaker, Glass, 100mL ☐100mL capacity, borosilicate glass	500.00	15	pcs	7,500.00
31	Beaker, Glass, 50mL ☐50mL capacity, borosilicate glass	400.00	15	pcs	6,000.00
32	Beaker, Glass, 20mL ☐20mL capacity, borosilicate glass	300.00	15	pcs	4,500.00
33	Zinc Chloride, Analytical Grade, 500g/btl ☐AR grade, 500 g per bottle	1,500.00	2	btls	3,000.00
34	Iron Chloride, Analytical Grade, 500g/btl ☐AR grade, 500 g per bottle	1,500.00	2	btls	3,000.00
35	Copper Chloride, Analytical Grade, 500g/btl ☐Analytical grade, 500g per bottle	1,500.00	2	btls	3,000.00
36	Manganese Chloride, Analytical Grade, 500g/btl ☐AR grade, 500g per bottle	1,500.00	2	btls	3,000.00
37	Sulfur Powder, Analytical Grade, 500g/btl ☐AR grade, 500g per bottle	1,000.00	2	btls	2,000.00
38	Ammonium Chloride, Analytical Grade, 500g/btl ☐AR grade, 500g per bottle	1,000.00	2	btls	2,000.00
39	Pipette Tips (20 ul) ☐20 ul capacity ☐autoclavable ☐100 pcs per pack	500.00	1	pc	500.00
40	Pipette Tips (1 ml) ☐1 ml, autoclavable ☐100 pcs per pack	1,000.00	1	pack	1,000.00
41	Sieve no.50 with cover and pan ☐Sieve No. 50 (8" Sieve, All Brass, Full Height, No. 50 Mesh); Eye opening: 300 μm (0.0118in) ☐Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height) ☐Sieve Cover (8" Brass Sieve Cover Lid)	11,000.00	1	pc	11,000.00
42	Sieve no.10 with cover and pan ☐Sieve No. 10 (8" Sieve, All Brass, Full Height, No. 10 Mesh); Eye opening: 2000 μm (0.0787in) ☐Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height) ☐Sieve Cover (8" Brass Sieve Cover Lid)	10,000.00	1	pc	10,000.00
43	Graduated Cylinder, Glass, 1000mL (2L)-delete ☐Material: Borosilicate Glass ☐Good Quality	1,500.00	15	pcs	22,500.00
44	Gloves, Nitrile, Medium ☐Glove Type: Chemical Resistant Disposable Gloves ☐Glove Material: Nitrile ☐Powder-Free ☐1 box of 100 or 50 pairs ☐Food Safe ☐Size: Medium	500.00	2	boxes	1,000.00
45	Kimwipes-delete Lint free wipes, delicate task wipers 210 mm x 110 mm	700.00	5	boxes	3,500.00
46	Alcohol, Ethyl, 70% solution, 1 gallon	600.00	2	btls	1,200.00
47	Lab Centrifuge, 4000rpm ☐80-2 Lab Centrifuge-delete, 4000rpm 20mL x 12 holes	14,900.00	1	unit	14,900.00



48	Test Tubes, 16 x 100mm, 100 pcs/ box	5,000.00	1	box	5,000.00
	☐borosilicate glass, heat resistant, rimless				
49	Test Tube Rack, 12 x 4 for 13 x 100mm test tubes	800.00	1	pc	800.00
	☐Stainless steel				
50	Reagent Bottles	750.00	4	pcs	3,000.00
	☐Amber Glass Wide Mouth Bottle Chemical Reagent Storage Bottles				
	☐500 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				
51	1000 ml Type 1, class A borosilicate glass Beaker	1,000.00	1	Pc	1,000.00
52	500 ml Type 1, class A borosilicate glass Beaker	700.00	2	Pcs	1,400.00
53	250 ml Type 1, class A borosilicate glass Beaker	600.00	5	Pcs	3,000.00
54	Watch Glass	1,500.00	1	pc	1,500.00
	☐Material: Glass/Borosilicate Glass				
	☐Autoclavable: Yes				
	☐Outer diameter: 75 mm (7.5cm),				
	☐fits 250 mL beakers,				
	☐12pcs/pack,				
	☐good quality				
55	Pasture Pipette	5.00	30	Pcs	150.00
	☐Pasture pipette, durable glass, 2 ml capacity, straight tip				
56	1000 µL pipette tips (Blue)	350.00	1	Pc	350.00
	☐732012 1000 µL pipette tips (Blue)				
57	200 µL pipette tips (Yellow)	350.00	1	Pc	350.00
	☐732008 200 µL pipette tips (Yellow)				
58	0.5-10 µL pipette tips (white)	1,000.00	1	Pc	1,000.00
	☐36010300, 0.5-10 µL pipette tips (white)				
59	5000 ul pipette tips (Neutral)	500.00	1	pc	500.00
	☐36015000B, 5000 ul pipette tips (Neutral)				
60	Microcentrifuge Tubes (2.0mL Capacity)	2,000.00	1	pc	2,000.00
	☐2.0mL Capacity				
	☐clear				
	☐safe-lock				
	☐pack of 1000				
	☐autoclavable				
61	Petri Dish	200.00	30	pcs	6,000.00
	☐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				
62	Ethanol	660.00	3	btls	1,980.00
	☐95% solution, 1 gallon				
63	Dimethyl sulfoxide, Analytical reagent, 1Liter	2,500.00	1	btl	2,500.00



64	Nutrient Agar, 500g	5,455.00	1	btl	5,455.00
65	Beaker, Glass, 5mL	60.00	30	pcs	1,800.00
	☐Borosilicate glass				
66	Clevenger Apparatus	6,000.00	2	pcs	12,000.00
	☐For extracting essential oil through distillation				
67	Round Bottom Flask, 1000mL	1,500.00	1	pc	1,500.00
	☐Single standard mouth round-bottomed borosilicate glass flask, Capacity 1000ml and joint 29/32, Single neck round flask,				
68	Round Bottom Flask, 2000mL	2,200.00	1	pc	2,200.00
	☐Single Standard Mouth Round-bottomed borosilicate glass Flask Capacity 2000ml And Joint 29/32 Single Neck Round Flask				
69	Round Bottom Flask, 500mL	1,300.00	1	pc	1,300.00
	☐Single standard mouth round-bottomed borosilicate glass flask, Capacity 500ml and joint 24/29, Single neck round flask				
70	Erlenmeyer Flask, Glass, 5000mL	3,000.00	1	pc	3,000.00
	☐BOROSILICATE ERLENMEYER FLASK 5000ml				
71	Heating Mantle	12,000.00	1	unit	12,000.00
	☐220V 500mL/1L/2L Heating Mantle & Magnetic Stirrer Stirring Temperature Regulation Digital Display Lab Electric Sleeve - 2L				
72	Glass Vials 2ml	800.00	3	pcs	2,400.00
	☐100Pcs/Set 2ml Graduated Clear Sample Vials Autosampler Vials Bottles Threaded Vial w/ Write-on Spot Screw Caps Septa				
73	Microtiter Plate 96 well	5,000.00	1	pc	5,000.00
74	Plastic Sterile Tube 2ml	1,500.00	1	pc	1,500.00
	☐100pcs/lot 2ml Plastic cryovial PP Cryopreservation tube Independent packaging Sterilized screw cap Cryopreservation tube				
75	Syringe with Needle 1cc	1,000.00	1	box	1,000.00
	☐Syringe 1cc TERUMO (With Needle), 100 units./box				
76	Microplate Replicator 96 pin	12,000.00	1	box	12,000.00
	☐WATSON-delete 96-pin replicator 4820 series-delete 1box(50pc) SKU#38686665-delete				
77	Inoculating Loop Stainless Steel	1,200.00	1	pack	1,200.00
	☐10PCS 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology				
78	Laboratory Funnel, Plastic	1,000.00	1	set	1,000.00
	☐8pcs/set lab 30mm 50mm 60mm 75mm 90mm 120mm Diameter Laboratory funnel Clear White Plastic Conical Funnel				
79	Red Natural Rubber Tubing	70.00	20	pcs	1,400.00
	☐Natural rubber tube, Red 8mm OD 6mm ID, 2mm thickness 1 meter				
80	Boiling Stone or Chips	2,000.00	1	bag	2,000.00
	☐1000pcs/bag Glass Marbles High Precision Lab Glass Beads Used in distillation to prevent liquid level boiling				
81	Anhydrous Sodium Sulfate 100g	500.00	4	btls	2,000.00
	☐anhydrous powder, Analytical grade pure>99.9% - 100 g per bottle				
82	Hot Plate	4,000.00	2	pcs	8,000.00
	☐79-1-delete 1000ml Hot Plate Magnetic Stirrer Lab Heating Speed Control Mixer 220V AU Plug				
83	Lab Gown Long Sleeves L	500.00	2	pcs	1,000.00
	☐Lab Coat High-quality White				
	☐Size- Large; long sleeves				
84	Lab Gown Long Sleeves M	500.00	3	pcs	1,500.00
	☐Lab Coat High-quality White				
	☐Long Sleeves				
	☐Medium size				
85	Thiazolyl Blue Tetrazolium Bromide (MTT)	4,000.00	3	btls	12,000.00



☐ MTT [Thiazolyl Blue Tetrazolium Bromide], 1 Gram per bottle, soluble in water				
☐ Common Name: Thiazolyl Blue Tetrazolium Bromide				
☐ CAS Number: 298-93-1				
☐ Molecular Weight: 414.3				
☐ Chemical Formula: C ₁₈ H ₁₆ N ₅ SB _r				
☐ Solubility: Water				
☐ Storage Temperature: 2-8°				
— Appearance: Yellow to orange yellow powder				
— Assay (Titration): ≥ 98.0 %				
— Heavy Metals: ≤ 5 ppm				
— Solubility: Clear yellow solution				
— Water Content: ≤ 0.5 %				
TOTAL ABC (this project):				1,752,335.00

Sgnd
DILBERTO O. FERRAREN
BAC Chairman