



BID BULLETIN 01

Date: 26 October 2022

Project Title: *Supply and Delivery of Laboratory Equipment and Supplies (GOODS-22-52)*

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 1,940,220.00)
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 1,940,220.00 and the largest of which should be at least PhP 970,110.00 .
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 3,880,440.00)
	Or
	Committed Line of Credit (at least Php 388,044.00)
(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:

1. 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).

2. Bidders are advised to use the latest GPPB forms for the following documents:

- a) Omnibus Sworn Statement
- b) Performance Securing Declaration (if applicable)
- c) Price Schedule for Goods Offered
- d) Bid Form
- e) Bid Securing Declaration

These forms can be accessed from the GPPB website:

<https://www.gppb.gov.ph/downloadables.php>. Documents that are not in its updated/latest format shall be a ground for disqualification of the bidder.

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>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>08 October – 03 November 2022 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><i>(Amendment)</i></p> <p>A complete set of Bidding Documents may be acquired by interested Bidders on <i>08 October – 03 November 2022 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 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>



Section II. Instructions to Bidders

15. Sealing and Marking of Bids

(Additional Instructions)

Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.

For filing purposes, the bidders are urged to use **Red** envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.

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	Unit	Qty	ABC/Unit (Pesos)	Total ABC (Pesos)
1	Handheld Photosynthesis System	unit	1	3,500,000.00	3,500,000.00
	Main System				
	<i>On board IRGA for CO2/H2O Analysis, Flow Control</i>				
	<i>Main Unit: Display and Key Board, Leaf Chamber attachment</i>				
	<i>Facility and battery</i>				
	<i>Display: LCD 40 x 6 characters or 320 x 60 pixel</i>				
	<i>Data Storage: 4b MB International FLASH RAM</i>				
	<i>Data output: USB or RS232C PC Link Cable</i>				
	<i>Flow rate: 100 ~ 1000 cm² min⁻¹ (1 lpm)</i>				
	<i>Power Supply: 7.2 VDC, 3.2 mah for 5hours continuous use extended Hours of use with additional batteries. AC Adapter / Battery Charger supplied</i>				
	CO2 Analyser				
	<i>Sensor: Low power Non-Dispersive Infrared Gas Analyser. No sensitivity to motion, Stable analyser for accurate CO2 measurements</i>				
	<i>Chopping frequency: 1Hz</i>				
	<i>Sensors response time: 35 seconds</i>				
	<i>Source life: 5000 hours</i>				
	<i>Measuring Range: 0 to 2000 ppm (Standard) – 0 to 3000 ppm (optional)</i>				
	<i>Resolution: 0.1 ppm</i>				
	<i>Repeatability: ±0.1 ppm (short term)</i>				
	<i>Accuracy: < ± 2% 3000 ppm</i>				
	<i>Sample cell: 100 mm x 10.2mm (3.94" L x 0.40" Dia)</i>				
	<i>Warm-up time: Approximately 3 minutes</i>				
	H2O Analyser				
	<i>Sensor Type: Humidity Sensitive Capacitor; Stable Analyser for accurate H2O measurements</i>				
	<i>Measuring Range: 0.1%</i>				
	<i>Accuracy: ±2% at 1% RH, ±3.5% at 95% RH</i>				
	<i>Response time: <15 secf</i>				



	PAR MEASUREMENT:				
	Sensor Type: Filtered GaAsp - Photodiode				
	Measuring Range: 0 to ~ 2500 umol m-2s-1				
	Accuracy: ±5 umol m-s -1				
	Response time: 400 ~ 700nm				
	Chamber Temperature Measurement				
	Sensor Type: Thermocouple				
	Measuring Range: – 15 ~ 50°C				
	Accuracy: ±0.1°C				
	Leaf Temperature Measurement				
	Sensor Type: Infrared Sensor				
	Measuring Range: – 10 ~ 50°C				
	Accuracy: ±0.3°C				
2	1 kb Plus DNA Ladder, 1ml	btl	1	7,700.00	7,700.00
3	100mm Funnel Short Stem, Glass	pc	1	1,190.00	1,190.00
4	125 ml Erlenmeyer flask, 70980-125- 125	pcs	5	400.00	2,000.00
5	1X Phosphate buffered saline (PBS), pH 7.2	pack	1	24,000.00	24,000.00
	For cell culture: mammalian suitable				
	Sterile filtered				
	Solution/liquid pH 7.2				
	Pack of 10 bottles, 500 mL per bottle				
6	95% Ethyl Alcohol, Technical Grade (Gallon)	gallon	3	800.00	2,400.00
7	Agarose, Certified Molecular Biology Grade	btl	1	15,900.00	15,900.00
	Certified molecular biology grade				
	For routine separation of ~ 100bp to 20kb				
	Free of DNA binders, inhibitors, DNases, RNases				
	Low sulfate content				
	Size: 125g per bottle				
8	Alcohol Burner	btl	3	170.00	510.00
	☐ Burner Lamp				
	☐ Clear Glass Lab				
	☐ 150mL				
9	Alcohol, Denatured	gallons	3	600.00	1,800.00
10	Alcohol, Ethyl, 95% (Tech)	liters	3	350.00	1,050.00
11	Amber Injection Glass Vials with cover, 4mL	pack	1	6,500.00	6,500.00
	Screw top vial, 4 mL Amber, write-on spot with cover				
	Autoclavable Compatible with Agilent HPLC Sampler				
	Pack of 100 vials				
12	Autoclavable plastic bag (100pcs/pck)	pack	1	8,000.00	8,000.00
	Color: Transparent Size: 12" x 12"				
13	Beaker, Glass, 100mL	pc	2	500.00	1,000.00
	☐ 100mL capacity, borosilicate glass				
14	Beaker, Glass, 20mL	pc	2	300.00	600.00
	☐ 20mL capacity, borosilicate glass				
15	Beaker, Glass, 50mL	pc	2	400.00	800.00
	☐ 50mL capacity, borosilicate glass				
16	Brush for cleaning 250mL Erlenmeyer Flask	pc	2	250.00	500.00
	☐ Bristle Color: White Bristle				
	☐ Brush+Handle Length: 12"				
	☐ Brush Diameter: 1 3/8"				
	☐ Brush Length: 3 1/2"				
	☐ Suitable for cleaning 250mL Erlenmeyer Flask				
17	Buffer solution, pH 7, 1000 ml.	btl	2	1,000.00	2,000.00
18	Centrifuge (Conical) Tubes, 15mL Capacity	pack	1	950.00	950.00
	☐ With graduations and marking spot.				
	☐ Screwcap (plugseal)				
	☐ Sterile. RNase-/DNase-free.				
	☐ Non-pyrogenic				
	☐ Polyethylene terephthalate (PET) material				



	☑At least 3600 centrifugal force (x g)				
	☑Pack of 50 Tubes				
19	Centrifuge (Conical) Tubes, 50mL Capacity	pack	1	1,050.00	1,050.00
	☑With graduations and marking spot.				
	☑Screwcap (plugseal)				
	☑Sterile. RNase-/DNase-free.				
	☑Non-pyrogenic				
	☑Polyethylene terephthalate (PET) material				
	☑At least 3600 centrifugal force (x g)				
	☑Pack of 25 Tubes				
20	Chloroform, ACS, 500mL	liter	3	2,500.00	7,500.00
21	CTAB, 500g, AR	btl	2	3,000.00	6,000.00
22	Distilled water, 10 ltrs./bottle	bottles	20	200.00	4,000.00
23	DNA Loading Dye	kit	1	15,500.00	15,500.00
	Certified molecular biology grade				
	Non-mutagenic, alternative to ethidium bromide				
	Detection: Fluorescent (364nm/454nm) 6X concentration				
	Size: 1mL				
24	dNTP Solution Mix	kit	1	12,500.00	12,500.00
	Molecular biology grade				
	Premixed dNTP solution 10 mM each dATP, dCTP, dGTP, and dTTP				
	Size: 100uL				
25	EDTA	btl	1	6,900.00	6,900.00
	☑500g				
	☑A.R				
	☑monobasic				
26	Flask Brush	pc	1	850.00	850.00
	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.				
27	Graduated Cylinder, Glass, 100mL	pcs	1	400.00	400.00
	100mL capacity Type 1, Class A Borosilicate Glass				
28	Hydrochloric acid, HCl	btls	3	1,000.00	3,000.00
	Analytical reagent grade, concentrated, 2.5L/bottle				
29	Inoculating Loop Stainless Steel	pack	1	1,200.00	1,200.00
	☑10pcs/pack 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology				
30	Lab Gown Long Sleeves L	pcs	1	500.00	500.00
	☑Lab Coat High-quality White				
	☑Size- Large; long sleeves				
31	Lab Gown Long Sleeves M	pcs	1	500.00	500.00
	☑Lab Coat High-quality White				
	☑Long Sleeves				
	☑Medium size				
32	Laboratory film	roll	3	2,000.00	6,000.00
	☑4 in. x 125 feet/roll, flexible, self-sealing, odorless, moisture-resistant, thermoplastic semi-transparent and practically colorless				
33	Laboratory Hot Plate Magnetic Stirrer, 0-1600 RPM, 5000 mL maximum stirring capacity	unit	1	15,000.00	15,000.00
	Material of plate: ceramic coating				
	Speed(RPM) : 0-1600RPM				



	Heating Power : 600W				
	Plate Size : 19 * 19 cm				
	Heating Temperature : 350°C				
34	Laboratory Weighing Boats	pack	2	1,000.00	2,000.00
	Plastic, 100 mL at least 100 pcs. Pack				
35	Magnesium chloride, MgCl₂	btl	2	3,000.00	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: 2.32g/mL at 25°C (lit.)				
36	Masking tape, autoclavable, for laboratory use	rolls	1	450.00	450.00
	1" wide x 55m length				
37	MgCl₂ Solution, Molecular Biology Standard	kit	1	5,500.00	5,500.00
	Certified molecular biology grade				
	For PCR analysis				
	Concentration: 50mM				
	Size: 1.25mL				
38	Micro pipette, with stand, P10 (0.5-10ul)	unit	1	8,060.00	8,060.00
39	Micro pipette, with stand, P1000 (200-1000ul)	unit	1	8,060.00	8,060.00
40	Micro pipette, with stand, P200 (20-200ul)	unit	1	8,060.00	8,060.00
41	Micro Tube Brush	pack	1	1,500.00	1,500.00
	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 - 1/2in. x 3 in.				
	Pack of 4 brushes				
42	Microcentrifuge Tubes (0.6mL Capacity)	pack	1	1,500.00	1,500.00
	0.6mL Capacity clear safe-lock pack of 1000 autoclavable				
43	Microcentrifuge Tubes (1.5mL Capacity)	pack	3	1,000.00	3,000.00
	☐ 1.5mL Capacity				
	☐ clear				
	☐ safe-lock				
	☐ pack of 1000				
	☐ autoclavable				
44	Microcentrifuge Tubes (2.0mL Capacity)	pack	3	2,000.00	6,000.00
	☐ 2.0mL Capacity				
	☐ clear				
	☐ safe-lock				
	☐ pack of 1000				
	☐ autoclavable				
45	Micropipette Tip, 10 uL	pack	3	600.00	1,800.00
	☐ 10 uL-capacity				
	☐ Standard tip, graduated				
	☐ Autoclavable				
	☐ Pack of 1000 tips				
46	Micropipette Tip, 1000 uL	pack	3	750.00	2,250.00
	☐ capacity, 1000 uL				
	☐ Standard tip, graduated				
	☐ Autoclavable				
	☐ Pack of 1000 tips				



47	Micropipette Tip, 200 uL	pack	1	550.00	550.00
	▣capacity, 200 uL				
	▣Short tip, graduated,				
	▣Autoclavable				
	▣Pack of 1000 tips				
48	Microscope Slides and Square Cover Glass	Box	2	450.00	900.00
	▣100pcs/box pre-cleaned blank microscope glass slides with ground edges plus 100 piece 22x22mm square glass cover slips.				
	▣Slide dimensions - 1" x 3" (25.4x76.2mm) with ground edges.				
	▣Cover slips are 7/8 x 7/8" (22x22mm) and 0.006" (0.13-0.17mm) in thickness.				
49	Molecular Ladder, 100 - 1000bp	kit	1	15,900.00	15,900.00
	Certified molecular biology grade				
	Range: 100bp - 1000bp				
	Increment: 50 or 100bp				
	Size: 250uL				
50	Mortar and Pestle, Heavy Duty	unit	2	850.00	1,700.00
	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				
51	PCR loading dye	unit	1	9,600.00	9,600.00
	▣10x, 1 ampule				
52	PCR Tube Rack with Cover	pc	5	650.00	3,250.00
	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				
53	PCR Tubes (0.2mL Capacity)	pack	3	1,500.00	4,500.00
	0.2mL Capacity clearsafe-lock				
	pack of 1000 autoclavable				
54	Petri Dish	pc	30	200.00	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				
55	Pipette Tips (1 ml)	pack	1	1,000.00	1,000.00
	▣1 ml, autoclavable				
	▣100 pcs per pack				
56	Pipette Tips (20 ul)	packs	2	500.00	1,000.00
	▣20 ul capacity				
	▣autoclavable				
	▣100 pcs per pack				
57	Pippette Tip Holder Box 28 Vents	box	3	1,000.00	3,000.00
	▣For use with 5ml pipette tips, 50/box				
58	Pippette Tips 5ml	packs	1	1,400.00	1,400.00
	▣100 pcs of 5-ml pipette tips per pack				
59	Proteinase K	pack	2	9,400.00	18,800.00
	Molecular biology grade, DNase-Free, RNase-Free				
	For general digestion of proteins				
	Lyophilized form				
	Pack of at least 100mg with appropriate buffer				
60	Qualitative filter paper, Grade 1 or its equivalent	pack	1	700.00	700.00
	▣Material: cellulose filters, circles				



	☐Pack Size: 100 pcs				
	☐Parameter: 0.25 psi wet burst				
	☐Diameter :25mm				
	☐Thickness: 180µm				
	☐Pore size: 11µm (Particle retention)				
	☐Basis weight: 87g/m2				
61	Reagent Bottles	btls	5	500.00	2,500.00
	☐Autoclavable				
	☐amber bottle with ground glass cover				
	☐250 mL capacity				
62	Scalpel Blade	box	2	280.00	560.00
	☐Stainless steel				
	☐100 blades/box				
63	Scalpel Handle	pcs	2	70.00	140.00
	☐#4, Stainless steel				
64	Self standing centrifuge tubes	pack	4	1,250.00	5,000.00
	Desired product: 50ml Plastic Centrifuge Tubes with Screw Cap, CBTONE 50 Pack Self-Standing Plastic 50ml Test Tube Polypropylene Conical Tubes with Cap, Graduated Marks				
	Specifications:				
	Cap typeScrew cap				
	Capacity (Metric) 50 mL				
	Length (Metric)115 mm				
	Material Polypropylene (PP)				
	Dimension (D*L)1.0 x 4.5inch / 25 x 114mm				
65	Sodium dodecyl sulfate (SDS)	btl	1	27,000.00	27,000.00
	☐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				
66	Stainless Steel Laboratory Microspatula	pieces	1	3,000.00	3,000.00
67	Taq Universal SYBR Green Supermix	kit	1	19,500.00	19,500.00
	Certified molecular biology grade				
	For qPCR/rtPCR analysis				
	Ready to use reaction mix				
	The mixture includes an enzyme, dNTPs, MgCl ₂ , SYBR Green I dye, enhancer, stabilizer				
	Size: 2 x 1mL (200 x 20uL rxn)				
68	Test Tube Rack, 12 x 4 for 13 x 100mm test tubes	pcs	2	800.00	1,600.00
	☐Stainless steel				
69	Test Tubes, 13 x 100mm, 250pcs/box	boxes	1	8,000.00	8,000.00
	borosilicate glass, heat resistant, rimless				
70	Toluene	btl	1	7,300.00	7,300.00
	☐(CAS 108-88-3)				
	☐2.5 liters,				
	☐Analytical Grade				
	☐99.5%				
71	Volumetric Flask 100ml	pc	1	800.00	800.00
	☐100 mL (±0.01 mL)				
	☐Borosilicate glass with glass standard taper stopper,				
	☐Class A				
	☐Calibrated				
72	Volumetric Flask 10ml	pc	1	360.00	360.00
	☐10 mL (± 0.02 mL)				
	☐Class A				



	☐Borosilicate Glass with Glass Standard Taper Stopper				
	☐calibrated				
73	Wall-mounted Cupboard/Cabinet	unit	2	12,000.00	24,000.00
	Purpose: Laboratory storage cabinet				
	Material: High quality galvanized steel sheet				
	Surface: Electrosprayed 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				
74	Wash Bottle, 250mL cap.	pc	2	200.00	400.00
	☐Material: Plastic (good quality)				
				TOTAL:	3,880,440.00

DILBERTO O. FERRAREN
BAC Chairman