



VISAYAS
STATE UNIVERSITY

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Supply and Delivery of Laboratory Equipment and Supplies (GOODS-21-32)

Government of the Republic of the Philippines

June 30, 2021; 2:00 PM
Cooperative Building, VSU Market, Visca, Baybay City,
Leyte

Sixth Edition
July 2020

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	3
Section I. Invitation to Bid.....	6
Section II. Instructions to Bidders.....	17
1. Scope of Bid	18
2. Funding Information.....	18
3. Bidding Requirements	18
4. Corrupt, Fraudulent, Collusive, and Coercive Practices	18
5. Eligible Bidders.....	18
6. Origin of Goods	19
7. Subcontracts	19
8. Pre-Bid Conference	19
9. Clarification and Amendment of Bidding Documents	19
10. Documents comprising the Bid: Eligibility and Technical Components	20
11. Documents comprising the Bid: Financial Component	20
12. Bid Prices	20
13. Bid and Payment Currencies	21
14. Bid Security	21
15. Sealing and Marking of Bids	21
16. Deadline for Submission of Bids	22
17. Opening and Preliminary Examination of Bids	22
18. Domestic Preference	22
19. Detailed Evaluation and Comparison of Bids	22
20. Post-Qualification	23
21. Signing of the Contract	23
Section III. Bid Data Sheet	24
Section IV. General Conditions of Contract	28
1. Scope of Contract	29
2. Advance Payment and Terms of Payment	29
3. Performance Security	29
4. Inspection and Tests	29
5. Warranty	30
6. Liability of the Supplier	30
Section V. Special Conditions of Contract	31
Section VI. Schedule of Requirements	36
Section VII. Technical Specifications	38
Section VIII. Checklist of Technical and Financial Documents	47

Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means “delivered duty paid.”

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

STFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid



INVITATION TO BID FOR SUPPLY AND DELIVERY OF LABORATORY EQUIPMENT AND SUPPLIES

- The Visayas State University through the *GF, TF 2021* intends to apply the sum of *One Million Seven Hundred Fifty-Two Thousand Three Hundred Thirty-Five Pesos (Php 1,752,335.00)* being the ABC to payments under the contract for *Supply and Delivery of Laboratory Equipment and Supplies (GOODS-21-32)*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

The *Visayas State University – Main Campus*, through the *GF, TF 2021* intends to apply the following ABC per item to payments under the contract for each item, to wit:

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: UIS2 (Universal infinity-corrected) optical system				
	◀ 6V/30W halogen 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 stroke: 20microns				
	◀ Revolving Nosepiece: Fixed quadruple nosepiece with inward tilt				
	◀ Objectives: Plan C Achromat Objectives				
	— 4xNA: 0.10 W.D.: 27.8 mm				
	— 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: 48mm-75mm				
	◀ Stage: Size: 188mm(W) x 134mm(D)				
	◀ Movement range: 76mm X-direction x 50mm Y-direction				
	◀ Stage: Size: 188mm(W) x 134mm(D)				
	◀ 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				
	—Dimensions: 80 mm (H) x 32 mm (D)				
	◀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				
	▣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)				
	▣Product weight: 8.8 lbs. (4kg)				
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	95,000.00	1	unit	95,000.00
	▣3 independent heating/stirring positions				
	▣600 x 270 mm footprint				
	▣robust aluminum / silicon alloy top plates				
	▣Stirring speed: 1500rpm				
	▣Volume: 15 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 stainlesssteel 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				
	☑Weighing plate stainless steel mm: 130 x 130				
	☑Weight kg (net): 1.5				
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				
	☑Weight: 8kg				
	☑With Accessories				
	—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
	☑Includes: 4 single-channel pipettors, universal linear stand for four single-channel pipettors				
	☑With specific color codes				
	☑Number of Channels: 1				
	☑Finger Style and grip type: Ergonomic				
	☑Autoclavable				
	☑Corrosive resistant				
9	Laboratory Freezer (Upright Type)	250,000.00	1	unit	250,000.00
	☑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
	☑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
	☑Material: Borosilicate Glass				
	☑Good Quality				
12	Beaker, Glass, 250mL	400.00	10	pcs	4,000.00
	☑Low Form Beaker				
	☑Borosilicate Glass				
	☑Transparent Beaker				
	☑Thickened With Spout				
13	Beaker, Glass, 250mL	400.00	2	pcs	800.00
	☑Low Form Beaker				
	☑Borosilicate Glass				
	☑Transparent Beaker				
	☑Thickened With Spout				
14	Pipette Tips 5ml	1,400.00	3	pcs	4,200.00
	☑100 pcs of 5-ml pipette tips per pack				
15	Delicate Task Wipes	800.00	4	pcs	3,200.00
	☑4.4 x 8.4 inches (11 x 21 cm)				
	☑280 sheets/box				
	☑lint-free				
16	Boric Acid, Analytical Reagent	1,400.00	2	btl	2,800.00
17	Methanol	2,500.00	2	Btl	5,000.00
	☑AR grade, 4L				
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	1,000.00	5	pcs	5,000.00
	■500mL capacity, borosilicate glass				
	■500mL capacity, borosilicate glass				
30	Beaker, Glass, 100mL	500.00	15	pcs	7,500.00
	■100mL capacity, borosilicate glass				
31	Beaker, Glass, 50mL	400.00	15	pcs	6,000.00
	■50mL capacity, borosilicate glass				
32	Beaker, Glass, 20mL	300.00	15	pcs	4,500.00
	■20mL capacity, borosilicate glass				
33	Zinc Chloride, Analytical Grade, 500g/btl	1,500.00	2	btls	3,000.00
	■AR grade, 500 g per bottle				
34	Iron Chloride, Analytical Grade, 500g/btl	1,500.00	2	btls	3,000.00
	■AR grade, 500 g per bottle				
35	Copper Chloride, Analytical Grade, 500g/btl	1,500.00	2	btls	3,000.00
	■Analytical grade, 500g per bottle				
36	Manganese Chloride, Analytical Grade, 500g/btl	1,500.00	2	btls	3,000.00
	■AR grade, 500g per bottle				
37	Sulfur Powder, Analytical Grade, 500g/btl	1,000.00	2	btls	2,000.00
	■AR grade, 500g per bottle				
38	Ammonium Chloride, Analytical Grade, 500g/btl	1,000.00	2	btls	2,000.00
	■AR grade, 500g per bottle				
39	Pipette Tips (20 ul)	500.00	1	pc	500.00
	■20 ul capacity				
	■autoclavable				
	■100 pcs per pack				
40	Pipette Tips (1 ml)	1,000.00	1	pc	1,000.00
	■1 ml, autoclavable				
	■100 pcs per pack				
41	Sieve no.50 with cover and pan	11,000.00	1	pc	11,000.00

	☐ Sieve No. 50 (8" Sieve, All Brass, Full Height, No. 50 Mesh); Eye opening: 300 μ m (0.0118in)				
	☐ Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height)				
	☐ Sieve Cover (8" Brass Sieve Cover Lid)				
42	Sieve no.10 with cover and pan	10,000.00	1	pc	10,000.00
	☐ Sieve No. 10 (8" Sieve, All Brass, Full Height, No. 10 Mesh); Eye opening: 2000 μ m (0.0787in)				
	☐ Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height)				
	☐ Sieve Cover (8" Brass Sieve Cover Lid)				
43	Graduated Cylinder, Glass, 1000mL (2L)	1,500.00	15	pcs	22,500.00
	☐ Material: Borosilicate Glass				
	☐ Good Quality				
44	Gloves, Nitrile, Medium	500.00	2	boxes	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				
45	Kimwipes 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	14,900.00	1	unit	14,900.00
	☐ 80-2 Lab Centrifuge, 4000rpm				
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 ERLLENMEYER 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
	1 Syringe 1cc TERUMO (With Needle), 100 units/box				
76	Microplate Replicator 96 pin	12,000.00	1	box	12,000.00
	1 WATSON 96-pin replicator 4820 series 1box(50pc) SKU#38686665				
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	pc	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
	1 Natural rubber tube, Red 8mm OD 6mm ID, 2mm thickness 1 meter				
80	Boiling Stone or Chips	2,000.00	1	pc	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
	1 anhydrous powder, Analytical grade pure>99.9% - 100 g per bottle				
82	Hot Plate	4,000.00	2	pcs	8,000.00
	1 79-1 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
	1 Lab Coat High-quality White				
	1 Size- Large; long sleeves				
84	Lab Gown Long Sleeves M	500.00	3	pcs	1,500.00
	1 Lab Coat High-quality White				
	1 Long Sleeves				
	1 Medium size				
85	Thiazolyl Blue Tetrazolium Bromide (MTT)	4,000.00	3	btls	12,000.00
	1 MTT [Thiazolyl Blue Tetrazolium Bromide], 1 Gram per bottle, soluble in water				
	1 Common Name: Thiazolyl Blue Tetrazolium Bromide				
	1 CAS Number: 298-93-1				
	1 Molecular Weight: 414.3				
	1 Chemical Formula: C18H16N5SBr				
	1 Solubility: Water				
	1 Storage Temperature: 2-8°				
	1 Appearance: Yellow to orange yellow powder				
	1 Assay (Titration): ≥ 98.0 %				
	1 Heavy Metals: ≤ 5 ppm				
	1 Solubility: Clear yellow solution				
	1 Water Content: ≤ 0.5 %				
TOTAL ABC (this project):					1,752,335.00

Bids received in excess of the ABC for each item shall be automatically rejected at bid opening.

2. The *Visayas State University – Main Campus* now invites bids for the above Procurement Project. Delivery of the Goods is required by *ninety (90) calendar days upon receipt of Notice to Proceed (NTP)*. Bidders should have completed, within *two (2) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Prospective Bidders may obtain further information from *Visayas State University* and inspect the Bidding Documents at the address given below during *Mondays - Fridays (8:00 AM-5:00 PM)*.
5. A complete set of Bidding Documents may be acquired by interested Bidders on *10 May – 30 June 2021 until 1:30 PM* 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.
6. The *Visayas State University – Main Campus* will hold a Pre-Bid Conference on *June 17, 2021; 9:00 AM* at the *Cooperative Building, VSU Market, Visca, Baybay City, Leyte* and/or through video conferencing or webcasting *via Google Meet*, which shall be open to prospective bidders.

Bidders are advised to contact the BAC Secretariat before the scheduled Pre-Bid Conference for the Google Meet link.

7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address indicated below, (ii) online or electronic submission as indicated below, or (iii) both on or before *30 June 2021 until 1:30 PM*. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on *30 June 2021; 2:00 PM* at the *Cooperative Building, VSU Market, Visca, Baybay City, Leyte* and/or *via Google Meet*. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.

Bidders are advised to contact the BAC Secretariat before the scheduled Bid Opening for the Google Meet link.

10. For bidders who opt to submit their bids electronically, a hardcopy (original) of the bid must be sent to the BAC through couriers. A proof (e.g. courier receipt, etc.) that a hardcopy of the bid is on transit must be presented upon submission of the electronic bid.
11. The *Visayas State University* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

Ms. Jessamine C. Ecleo (BAC Secretariat)
Office of the Head for Procurement,
VSU-Main, Visca, Baybay City, Leyte
Mobile: 053 565 0600 local 1093 or 0998 555 0106
Email: jessamine.ecleo@vsu.edu.ph

or

Mr. Toni Marc L. Dargantes (BAC Secretariat)
Office of the VP for Planning, Resource Generation & Auxiliary Services
VSU-Main, Visca, Baybay City, Leyte
Mobile: 053 565 0600 local 1004 or 0977 7186594
Email: tmdargantes@vsu.edu.ph

13. You may visit the following websites:

For downloading of Bidding Documents: <https://www.vsu.edu.ph/philgeps-opportunities>

June 9, 2021

DILBERTO O. FERRAREN
Chairperson, VSU BAC

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *Visayas State University*, wishes to receive Bids for the *Supply and Delivery of Laboratory Equipment and Supplies*, with identification number *GOODS-21-32*.

The Procurement Project (referred to herein as “Project”) is composed of 85 *items*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for 2021 in the amount of *One Million Seven Hundred Fifty-Two Thousand Three Hundred Thirty-Five Pesos (PhP 1,752,335.00)*.

2.2. The source of funding is: NGA, the General Appropriations Act (GAA) and Trust Fund.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

Bidders should comply with the following requirements:

- i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%)* of the ABC for this Project; and
 - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that: **Subcontracting is not allowed.**

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **two (2 years)** prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;

- iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.
- b. For Goods offered from abroad:
- i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in: Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until *October 30, 2021*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

- 16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

- 17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

- 18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows: One Project having several items, which shall be awarded as separate contracts per item.

- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

- 20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

- 21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause																																																													
5.3	For this purpose, contracts similar to the Project shall be: a. <i>Laboratory Equipment</i> b. completed within two (2) years prior to the deadline for the submission and receipt of bids.																																																												
7.1	Subcontracting is not allowed.																																																												
12	The price of the Goods shall be quoted <i>DDP VSU Main, Visca, Baybay City, Leyte</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.																																																												
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: a. The amount of not less than <i>Thirty-Five Thousand Forty-Six and 70/100 Pesos (PhP 35,046.70) or two percent (2%) of ABC</i> , if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than <i>Eighty-Seven Thousand Six Hundred Sixteen and 75/100 Pesos (PhP 87,616.75) or five percent (5%) of ABC</i> if bid security is in Surety Bond.																																																												
19.3	<table><tr><th>Item No.</th><th>Item Description and Specifications</th><th>Total ABC</th></tr><tr><td>1</td><td>Microscope with Infinity Corrected Optics and Eyepiece Camera</td><td>150,000.00</td></tr><tr><td>2</td><td>Vortex Mixer</td><td>40,000.00</td></tr><tr><td>3</td><td>Autoclave High Steam Sterilizer (Electric)</td><td>90,000.00</td></tr><tr><td>4</td><td>Multi-position Hot Plate Stirrer</td><td>95,000.00</td></tr><tr><td>5</td><td>Emergency Eye-Wash Station/Shower</td><td>100,000.00</td></tr><tr><td>6</td><td>Top Loading Balance</td><td>30,000.00</td></tr><tr><td>7</td><td>Flame Photometer</td><td>600,000.00</td></tr><tr><td>8</td><td>Pipette Sets (0.1-2.5 µL, 2-20 µL, 20-200 µL, and 100-1000 µL)</td><td>100,000.00</td></tr><tr><td>9</td><td>Laboratory Freezer (Upright Type)</td><td>250,000.00</td></tr><tr><td>10</td><td>Reagent Bottle.</td><td>1,200.00</td></tr><tr><td>11</td><td>Erlenmeyer Flask, Glass, 250mL</td><td>8,000.00</td></tr><tr><td>12</td><td>Beaker, Glass, 250mL</td><td>4,000.00</td></tr><tr><td>13</td><td>Beaker, Glass, 250mL</td><td>800.00</td></tr><tr><td>14</td><td>Pippette Tips 5ml</td><td>4,200.00</td></tr><tr><td>15</td><td>Delicate Task Wipes</td><td>3,200.00</td></tr><tr><td>16</td><td>Boric Acid, Analytical Reagent</td><td>2,800.00</td></tr><tr><td>17</td><td>Methanol</td><td>5,000.00</td></tr><tr><td>18</td><td>Magnesium chloride, MgCl2</td><td>6,000.00</td></tr><tr><td>19</td><td>Potassium Chloride</td><td>3,000.00</td></tr></table>	Item No.	Item Description and Specifications	Total ABC	1	Microscope with Infinity Corrected Optics and Eyepiece Camera	150,000.00	2	Vortex Mixer	40,000.00	3	Autoclave High Steam Sterilizer (Electric)	90,000.00	4	Multi-position Hot Plate Stirrer	95,000.00	5	Emergency Eye-Wash Station/Shower	100,000.00	6	Top Loading Balance	30,000.00	7	Flame Photometer	600,000.00	8	Pipette Sets (0.1-2.5 µL, 2-20 µL, 20-200 µL, and 100-1000 µL)	100,000.00	9	Laboratory Freezer (Upright Type)	250,000.00	10	Reagent Bottle.	1,200.00	11	Erlenmeyer Flask, Glass, 250mL	8,000.00	12	Beaker, Glass, 250mL	4,000.00	13	Beaker, Glass, 250mL	800.00	14	Pippette Tips 5ml	4,200.00	15	Delicate Task Wipes	3,200.00	16	Boric Acid, Analytical Reagent	2,800.00	17	Methanol	5,000.00	18	Magnesium chloride, MgCl2	6,000.00	19	Potassium Chloride	3,000.00
Item No.	Item Description and Specifications	Total ABC																																																											
1	Microscope with Infinity Corrected Optics and Eyepiece Camera	150,000.00																																																											
2	Vortex Mixer	40,000.00																																																											
3	Autoclave High Steam Sterilizer (Electric)	90,000.00																																																											
4	Multi-position Hot Plate Stirrer	95,000.00																																																											
5	Emergency Eye-Wash Station/Shower	100,000.00																																																											
6	Top Loading Balance	30,000.00																																																											
7	Flame Photometer	600,000.00																																																											
8	Pipette Sets (0.1-2.5 µL, 2-20 µL, 20-200 µL, and 100-1000 µL)	100,000.00																																																											
9	Laboratory Freezer (Upright Type)	250,000.00																																																											
10	Reagent Bottle.	1,200.00																																																											
11	Erlenmeyer Flask, Glass, 250mL	8,000.00																																																											
12	Beaker, Glass, 250mL	4,000.00																																																											
13	Beaker, Glass, 250mL	800.00																																																											
14	Pippette Tips 5ml	4,200.00																																																											
15	Delicate Task Wipes	3,200.00																																																											
16	Boric Acid, Analytical Reagent	2,800.00																																																											
17	Methanol	5,000.00																																																											
18	Magnesium chloride, MgCl2	6,000.00																																																											
19	Potassium Chloride	3,000.00																																																											

20	Reagent Bottles	5,000.00
21	Graduated Cylinder, Glass, 250mL	6,000.00
22	Test Tube (Small), Glass, 12 x 75mm	3,000.00
23	Test Tube (Medium), Glass, 15 x 125mm	3,750.00
24	Test Tube (Large), Glass, 25 x 150mm	3,000.00
25	Erlenmeyer Flask, Glass, 500mL	5,000.00
26	Graduated Cylinder, Glass, 100mL	3,000.00
27	Beaker, Glass, 2000mL	2,000.00
28	Beaker, Glass, 1000mL	2,000.00
29	Beaker, Glass, 500mL	5,000.00
30	Beaker, Glass, 100mL	7,500.00
31	Beaker, Glass, 50mL	6,000.00
32	Beaker, Glass, 20mL	4,500.00
33	Zinc Chloride, Analytical Grade, 500g/btl	3,000.00
34	Iron Chloride, Analytical Grade, 500g/btl	3,000.00
35	Copper Chloride, Analytical Grade, 500g/btl	3,000.00
36	Manganese Chloride, Analytical Grade, 500g/btl	3,000.00
37	Sulfur Powder, Analytical Grade, 500g/btl	2,000.00
38	Ammonium Chloride, Analytical Grade, 500g/btl	2,000.00
39	Pipette Tips (20 ul)	500.00
40	Pipette Tips (1 ml)	1,000.00
41	Sieve no.50 with cover and pan	11,000.00
42	Sieve no.10 with cover and pan	10,000.00
43	Graduated Cylinder, Glass, 1000mL (2L)	22,500.00
44	Gloves, Nitrile, Medium	1,000.00
45	Kimwipes 210 mm x 110 mm	3,500.00
46	Alcohol, Ethyl, 70% solution, 1 gallon	1,200.00
47	Lab Centrifuge, 4000rpm	14,900.00
48	Test Tubes, 16 x 100mm, 100 pcs/ box	5,000.00
49	Test Tube Rack, 12 x 4 for 13 x 100mm test tubes	800.00
50	Reagent Bottles	3,000.00
51	1000 ml Type 1, class A borosilicate glass Beaker	1,000.00
52	500 ml Type 1, class A borosilicate glass Beaker	1,400.00
53	250 ml Type 1, class A borosilicate glass Beaker	3,000.00
54	Watch Glass	1,500.00
55	Pasture Pipette	150.00
56	1000 µL pipette tips (Blue)	350.00
57	200 µL pipette tips (Yellow)	350.00
58	0.5-10 µL pipette tips (white)	1,000.00
59	5000 ul pipette tips (Neutral)	500.00
60	Microcentrifuge Tubes (2.0mL Capacity)	2,000.00
61	Petri Dish	6,000.00
62	Ethanol	1,980.00
63	Dimethyl sulfoxide, Analytical reagent, 1Liter	2,500.00
64	Nutrient Agar, 500g	5,455.00
65	Beaker, Glass, 5mL	1,800.00
66	Clevenger Apparatus	12,000.00
67	Round Bottom Flask, 1000mL	1,500.00
68	Round Bottom Flask, 2000mL	2,200.00
69	Round Bottom Flask, 500mL	1,300.00
70	Erlenmeyer Flask, Glass, 500mL	3,000.00
71	Heating Mantle	12,000.00

	72	Glass Vials 2ml	2,400.00
	73	Microtiter Plate 96 well	5,000.00
	74	Plastic Sterile Tube 2ml	1,500.00
	75	Syringe with Needle 1cc	1,000.00
	76	Microplate Replicator 96 pin	12,000.00
	77	Inoculating Loop Stainless Steel	1,200.00
	78	Laboratory Funnel, Plastic	1,000.00
	79	Red Natural Rubber Tubing	1,400.00
	80	Boiling Stone or Chips	2,000.00
	81	Anhydrous Sodium Sulfate 100g	2,000.00
	82	Hot Plate	8,000.00
	83	Lab Gown Long Sleeves L	1,000.00
	84	Lab Gown Long Sleeves M	1,500.00
	85	Thiazolyl Blue Tetrazolium Bromide (MTT)	12,000.00
20.2	In case the PhilGEPS Platinum Certificate of Registration is not available during bid submission, it shall be submitted as a post-qualification requirement, in accordance with Section 34.2 of the 2016 Revised IRR of R.A. 9184.		
21.2	<i>Not Applicable.</i>		

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>The delivery terms applicable to this Contract are delivered <i>VSU Main Campus, Visca, Baybay City, Leyte</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is:</p> <p style="text-align: center;"><i>Ms. Alicia M. Flores</i> <i>Head, Supply and Property Management Office,</i> <i>VSU-Main, Visca, Baybay City, Leyte</i> <i>Contact #: 053 565 0600 local 1082 / 0917 6341 430</i></p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <ol style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
	<p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p>

	<p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"> a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and b. in the event of termination of production of the spare parts: <ul style="list-style-type: none"> i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested. <p>The spare parts and other components required are listed in Section VI (Schedule of Requirements) and the cost thereof is included in the contract price.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of 3 years.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within 1 month of placing the order.</p>
	<p>Packaging –</p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity Name of the Supplier</p>

	<p>Contract Description</p> <p>Final Destination</p> <p>Gross weight</p> <p>Any special lifting instructions</p> <p>Any special handling instructions</p> <p>Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>

2.2	Payment shall be done in staggered basis. Items that were already delivered can be paid subject to inspection and acceptance.
4	The inspections and tests that will be conducted will be specified by the appropriate technical team of VSU Main to confirm conformity to the contract specifications at no extra cost to VSU.

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item No.	Item Description and Specifications	Delivered, Weeks/Months
1	Microscope with Infinity Corrected Optics and Eyepiece Camera	All Items Should Be Delivered Within 90 Calendar Days From Receipt Of Notice To Proceed And Purchase Order
2	Vortex Mixer	
3	Autoclave High Steam Sterilizer (Electric)	
4	Multi-position Hot Plate Stirrer	
5	Emergency Eye-Wash Station/Shower	
6	Top Loading Balance	
7	Flame Photometer	
8	Pipette Sets (0.1-2.5 μ L, 2-20 μ L, 20-200 μ L, and 100-1000 μ L)	
9	Laboratory Freezer (Upright Type)	
10	Reagent Bottle.	
11	Erlenmeyer Flask, Glass, 250mL	
12	Beaker, Glass, 250mL	
13	Beaker, Glass, 250mL	
14	Pipette Tips 5ml	
15	Delicate Task Wipes	
16	Boric Acid, Analytical Reagent	
17	Methanol	
18	Magnesium chloride, MgCl ₂	
19	Potassium Chloride	
20	Reagent Bottles	
21	Graduated Cylinder, Glass, 250mL	
22	Test Tube (Small), Glass, 12 x 75mm	
23	Test Tube (Medium), Glass, 15 x 125mm	
24	Test Tube (Large), Glass, 25 x 150mm	
25	Erlenmeyer Flask, Glass, 500mL	
26	Graduated Cylinder, Glass, 100mL	
27	Beaker, Glass, 2000mL	
28	Beaker, Glass, 1000mL	
29	Beaker, Glass, 500mL	
30	Beaker, Glass, 100mL	
31	Beaker, Glass, 50mL	
32	Beaker, Glass, 20mL	
33	Zinc Chloride, Analytical Grade, 500g/btl	
34	Iron Chloride, Analytical Grade, 500g/btl	
35	Copper Chloride, Analytical Grade, 500g/btl	
36	Manganese Chloride, Analytical Grade, 500g/btl	
37	Sulfur Powder, Analytical Grade, 500g/btl	
38	Ammonium Chloride, Analytical Grade, 500g/btl	
39	Pipette Tips (20 μ L)	
40	Pipette Tips (1 mL)	
41	Sieve no.50 with cover and pan	
42	Sieve no.10 with cover and pan	
43	Graduated Cylinder, Glass, 1000mL (2L)	

44	Gloves, Nitrile, Medium
45	Kimwipes 210 mm x 110 mm
46	Alcohol, Ethyl, 70% solution, 1 gallon
47	Lab Centrifuge, 4000rpm
48	Test Tubes, 16 x 100mm, 100 pcs/ box
49	Test Tube Rack, 12 x 4 for 13 x 100mm test tubes
50	Reagent Bottles
51	1000 ml Type 1, class A borosilicate glass Beaker
52	500 ml Type 1, class A borosilicate glass Beaker
53	250 ml Type 1, class A borosilicate glass Beaker
54	Watch Glass
55	Pasture Pipette
56	1000 µL pipette tips (Blue)
57	200 µL pipette tips (Yellow)
58	0.5-10 µL pipette tips (white)
59	5000 ul pipette tips (Neutral)
60	Microcentrifuge Tubes (2.0mL Capacity)
61	Petri Dish
62	Ethanol
63	Dimethyl sulfoxide, Analytical reagent, 1Liter
64	Nutrient Agar, 500g
65	Beaker, Glass, 5mL
66	Clevenger Apparatus
67	Round Bottom Flask, 1000mL
68	Round Bottom Flask, 2000mL
69	Round Bottom Flask, 500mL
70	Erlenmeyer Flask, Glass, 500mL
71	Heating Mantle
72	Glass Vials 2ml
73	Microtiter Plate 96 well
74	Plastic Sterile Tube 2ml
75	Syringe with Needle 1cc
76	Microplate Replicator 96 pin
77	Inoculating Loop Stainless Steel
78	Laboratory Funnel, Plastic
79	Red Natural Rubber Tubing
80	Boiling Stone or Chips
81	Anhydrous Sodium Sulfate 100g
82	Hot Plate
83	Lab Gown Long Sleeves L
84	Lab Gown Long Sleeves M
85	Thiazolyl Blue Tetrazolium Bromide (MTT)

Section VII. Technical Specifications

Technical Specifications

Item No.	Item Description and Specifications	STATEMENT OF COMPLIANCE
1	Microscope with Infinity Corrected Optics and Eyepiece Camera ■ MICROSCOPE ◀ Optical System: UIS2 (Universal infinity-corrected) optical system ▶ 6V/30W halogen 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 stroke: 20microns ▶ Revolving Nosepiece: Fixed quadruple nosepiece with inward tilt ▶ Objectives: Plan C Achromat Objectives — 4xNA: 0.10 W.D.: 27.8 mm — 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: 48mm-75mm ▶ Stage: Size: 188mm(W) x 134mm(D) ▶ Movement range: 76mm X-direction x 50mm Y-direction ▶ Stage: Size: 188mm(W) x 134mm(D) ▶ 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 — Dimensions: 80 mm (H) x 32 mm (D) ▶ Compatibility — Interface: USB 2.0 — Operating system: Windows XP, Vista, 7,8, & 10, MacOS 10.4 and up — Inclusion of software	<i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., 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 Bidder’s 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 applicable laws and issuances.]</i>

2	Vortex Mixer	
	☑Processing Range: 2 mL to 50 mL	
	☑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)	
	☑Product weight: 8.8 lbs. (4kg)	
3	Autoclave High Steam Sterilizer (Electric)	
	☑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	
	☑3 independent heating/stirring positions	
	☑600 x 270 mm footprint	
	☑robust aluminum / silicon alloy top plates	
	☑Stirring speed: 1500rpm	
	☑Volume: 15 L	
	☑3 x 25 mm PTFE coated stir bars	
5	Emergency Eye-Wash Station/Shower	
	☑Material: stainless steel	
	☑Emergency shower: 304 stainlesssteel 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	
	☑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	
	☑Weighing plate stainless steel mm: 130 x 130	
	☑Weight kg (net): 1.5	
7	Flame Photometer	
	☑((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
	☑Weight: 8kg
	☑With Accessories
	—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)
	☑Includes: 4 single-channel pipettors, universal linear stand for four single-channel pipettors
	☑With specific color codes
	☑Number of Channels: 1
	☑Finger Style and grip type: Ergonomic
	☑Autoclavable
	☑Corrosive resistant
9	Laboratory Freezer (Upright Type)
	☑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.
	☑With Stopper/Screw Cap
	☑Material: Glass/Borosilicate Glass
	☑Color: Clear/Transparent Flask
	☑Capacity: 2000mL
	☑Graduation: 1800mL
11	Erlenmeyer Flask, Glass, 250mL
	☑Material: Borosilicate Glass
	☑Good Quality
12	Beaker, Glass, 250mL
	☑Low Form Beaker
	☑Borosilicate Glass
	☑Transparent Beaker
	☑Thickened With Spout
13	Beaker, Glass, 250mL
	☑Low Form Beaker
	☑Borosilicate Glass
	☑Transparent Beaker
	☑Thickened With Spout
14	Pippette Tips 5ml
	☑100 pcs of 5-ml pipette tips per pack
15	Delicate Task Wipes

	☑4.4 x 8.4 inches (11 x 21 cm)
	☑280 sheets/box
	☑lint-free
16	Boric Acid, Analytical Reagent
17	Methanol
	☑AR grade, 4L
18	Magnesium chloride, MgCl₂
	☑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
	☑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
	☑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
	☑Material: Borosilicate Glass
	☑Good Quality
22	Test Tube (Small), Glass, 12 x 75mm
	☑12x75 mm glass (borosilicate)
23	Test Tube (Medium), Glass, 15 x 125mm
24	Test Tube (Large), Glass, 25 x 150mm
	☑Borosilicate Glass, 25mm x 150mm
25	Erlenmeyer Flask, Glass, 500mL
	☑500mL capacity, borosilicate glass
26	Graduated Cylinder, Glass, 100mL
	☑100mL capacity

	☐borosilicate glass	
27	Beaker, Glass, 2000mL	
	☐2000mL capacity, borosilicate glass	
	☐2000mL capacity, borosilicate glass	
28	Beaker, Glass, 1000mL	
	☐1000mL capacity, borosilicate glass	
	☐1000mL capacity, borosilicate glass	
29	Beaker, Glass, 500mL	
	☐500mL capacity, borosilicate glass	
	☐500mL capacity, borosilicate glass	
30	Beaker, Glass, 100mL	
	☐100mL capacity, borosilicate glass	
31	Beaker, Glass, 50mL	
	☐50mL capacity, borosilicate glass	
32	Beaker, Glass, 20mL	
	☐20mL capacity, borosilicate glass	
33	Zinc Chloride, Analytical Grade, 500g/btl	
	☐AR grade, 500 g per bottle	
34	Iron Chloride, Analytical Grade, 500g/btl	
	☐AR grade, 500 g per bottle	
35	Copper Chloride, Analytical Grade, 500g/btl	
	☐Analytical grade, 500g per bottle	
36	Manganese Chloride, Analytical Grade, 500g/btl	
	☐AR grade, 500g per bottle	
37	Sulfur Powder, Analytical Grade, 500g/btl	
	☐AR grade, 500g per bottle	
38	Ammonium Chloride, Analytical Grade, 500g/btl	
	☐AR grade, 500g per bottle	
39	Pipette Tips (20 ul)	
	☐20 ul capacity	
	☐autoclavable	
	☐100 pcs per pack	
40	Pipette Tips (1 ml)	
	☐1 ml, autoclavable	
	☐100 pcs per pack	
41	Sieve no.50 with cover and pan	
	☐Sieve No. 50 (8" Sieve, All Brass, Full Height, No. 50 Mesh); Eye opening: 300 μ m (0.0118in)	
	☐Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height)	
	☐Sieve Cover (8" Brass Sieve Cover Lid)	
42	Sieve no.10 with cover and pan	
	☐Sieve No. 10 (8" Sieve, All Brass, Full Height, No. 10 Mesh); Eye opening: 2000 μ m (0.0787in)	
	☐Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height)	
	☐Sieve Cover (8" Brass Sieve Cover Lid)	
43	Graduated Cylinder, Glass, 1000mL (2L)	
	☐Material: Borosilicate Glass	
	☐Good Quality	
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
45	Kimwipes 210 mm x 110 mm
46	Alcohol, Ethyl, 70% solution, 1 gallon
47	Lab Centrifuge, 4000rpm
	☑80-2 Lab Centrifuge, 4000rpm
48	Test Tubes, 16 x 100mm, 100 pcs/ box
	☑borosilicate glass, heat resistant, rimless
49	Test Tube Rack, 12 x 4 for 13 x 100mm test tubes
	☑Stainless steel
50	Reagent Bottles
	☑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
52	500 ml Type 1, class A borosilicate glass Beaker
53	250 ml Type 1, class A borosilicate glass Beaker
54	Watch Glass
	☑Material: Glass/Borosilicate Glass
	☑Autoclavable: Yes
	☑Outer diameter: 75 mm (7.5cm),
	☑fits 250 mL beakers,
	☑12pcs/pack,
	☑good quality
55	Pasture Pipette
	☑Pasture pipette, durable glass, 2 ml capacity, straight tip
56	1000 µL pipette tips (Blue)
	☑732012 1000 µL pipette tips (Blue)
57	200 µL pipette tips (Yellow)
	☑732008 200 µL pipette tips (Yellow)
58	0.5-10 µL pipette tips (white)
	☑36010300, 0.5-10 µL pipette tips (white)
59	5000 ul pipette tips (Neutral)
	☑36015000B, 5000 ul pipette tips (Neutral)
60	Microcentrifuge Tubes (2.0mL Capacity)
	☑2.0mL Capacity
	☑clear
	☑safe-lock
	☑pack of 1000
	☑autoclavable

61	Petri Dish	
	☐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	
	☐95% solution, 1 gallon	
63	Dimethyl sulfoxide, Analytical reagent, 1Liter	
64	Nutrient Agar, 500g	
65	Beaker, Glass, 5mL	
	☐Borosilicate glass	
66	Clevenger Apparatus	
	☐For extracting essential oil through distillation	
67	Round Bottom Flask, 1000mL	
	☐Single standard mouth round-bottomed borosilicate glass flask, Capacity 1000ml and joint 29/32, Single neck round flask,	
68	Round Bottom Flask, 2000mL	
	☐Single Standard Mouth Round-bottomed borosilicate glass Flask Capacity 2000ml And Joint 29/32 Single Neck Round Flask	
69	Round Bottom Flask, 500mL	
	☐Single standard mouth round-bottomed borosilicate glass flask, Capacity 500ml and joint 24/29, Single neck round flask	
70	Erlenmeyer Flask, Glass, 5000mL	
	☐BOROSILICATE ERLLENMEYER FLASK 5000ml	
71	Heating Mantle	
	☐220V 500mL/1L/2L Heating Mantle & Magnetic Stirrer Stirring Temperature Regulation Digital Display Lab Electric Sleeve - 2L	
72	Glass Vials 2ml	
	☐100Pcs/Set 2ml Graduated Clear Sample Vials Autosampler Vials Bottles Threaded Vial w/ Write-on Spot Screw Caps Septa	
73	Microtiter Plate 96 well	
74	Plastic Sterile Tube 2ml	
	☐100pcs/lot 2ml Plastic cryovial PP Cryopreservation tube Independent packaging Sterilized screw cap Cryopreservation tube	
75	Syringe with Needle 1cc	
	☐Syringe 1cc TERUMO (With Needle), 100 units/box	
76	Microplate Replicator 96 pin	
	☐WATSON 96-pin replicator 4820 series 1box(50pc) SKU#38686665	
77	Inoculating Loop Stainless Steel	
	☐10PCS 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology	
78	Laboratory Funnel, Plastic	
	☐8pcs/set lab 30mm 50mm 60mm 75mm 90mm 120mm Diameter Laboratory funnel Clear White Plastic Conical Funnel	
79	Red Natural Rubber Tubing	
	☐Natural rubber tube, Red 8mm OD 6mm ID, 2mm thickness 1 meter	

80	Boiling Stone or Chips	
	☑1000pcs/bag Glass Marbles High Precision Lab Glass Beads Used in distillation to prevent liquid level boiling	
81	Anhydrous Sodium Sulfate 100g	
	☑anhydrous powder, Analytical grade pure>99.9% - 100 g per bottle	
82	Hot Plate	
	☑79-1 1000ml Hot Plate Magnetic Stirrer Lab Heating Speed Control Mixer 220V AU Plug	
83	Lab Gown Long Sleeves L	
	☑Lab Coat High-quality White	
	☑Size- Large; long sleeves	
84	Lab Gown Long Sleeves M	
	☑Lab Coat High-quality White	
	☑Long Sleeves	
	☑Medium size	
85	Thiazolyl Blue Tetrazolium Bromide (MTT)	
	☑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 %	

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and
- ☐ (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- ☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Note: If the bidder submits item (a), bidder may not submit requirements (b), (c) & (d).

Technical Documents

- ☐ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid in the amount of *at least 50% of the ABC or at least Eight Hundred Seventy-Six Thousand One Hundred Sixty-Seven and 50/100 Pesos (PhP 876,167.50)*;
or
Statement of at least two (2) similar completed contracts, the aggregate amount of which should be equivalent to *at least 50% of the ABC or at least Eight Hundred Seventy-Six Thousand One Hundred Sixty-Seven and 50/100 Pesos (PhP 876,167.50)* and the largest of these similar contracts must be equivalent to at least half of the said aggregate amount or *at least Four Hundred Thirty-Eight Thousand Eighty-Three and 75/100 Pesos (PhP 438,083.75)*; **and**
- ☐ (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (i) Conformity with the Technical Specifications; **and**
- ☐ (j) Production/delivery schedule; **and**
- ☐ (k) Manpower requirements; **and**
- ☐ (l) After-sales/parts, if applicable; **and**
- ☐ (m) Original duly signed Omnibus Sworn Statement (OSS);

and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- ☐ (n) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (o) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) – at least equal to ABC (**PhP 1,752,335.00**);
or
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation (at least 10% of ABC or **PhP 175,233.50**).

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (a) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (b) Original of duly signed and accomplished Price Schedule(s).

Guidelines on the Preparation of Electronic Bid (e-Bid)
(for bidders who prefer electronic bid submission)

1. Scan all documents and save as Portable Document Format (PDF) files.
2. Properly label each document 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 (June 30, 2021; 1:30 PM).



VISAYAS
STATE UNIVERSITY