



**VISAYAS**  
STATE UNIVERSITY

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

## **Supply and Delivery of Laboratory Supplies and Chemicals (GOODS-22-26)**

**Government of the Republic of the Philippines**

**May 17, 2022; 9:00 AM  
PPO Conference Room, Lower Campus, Visca, Baybay City,  
Leyte and via Zoom**

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# ***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)

**GFI** – 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 SUPPLIES AND CHEMICALS

- The *Visayas State University* through the *GF, STF, TF* intends to apply the sum of *One Million Seven Hundred Sixty-Eight Thousand Three Hundred Five (PhP 1,768,305.00)* being the ABC to payments under the contract for *Supply and Delivery of Laboratory Supplies and Chemicals (GOODS-22-26)*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

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

Item No.	Description	Unit	Qty	ABC/Unit (Pesos)	Total ABC (Pesos)
1	<b>125 ml Erlenmeyer flask</b>	pcs	27	400.00	10,800.00
	70980-125- 125 ml Erlenmeyer flask				
2	<b>95% Ethyl Alcohol, Technical Grade (Gallon)</b>	gallon	3	800.00	2,400.00
3	<b>Acetone</b>	gal	2	1,600.00	3,200.00
	■Acetone, Technical Grade				
	■1gal				
4	<b>Agar Agar</b>	kilos	1	2,800.00	2,800.00
5	<b>Alcohol, Denatured</b>	gallons	3	600.00	1,800.00
6	<b>Aluminum Foil Jumbo Roll</b>	pcs	2	600.00	1,200.00
	300 meters x 12 inches				
7	<b>Analytical Balance</b>	unit	4	40,000.00	160,000.00
	capacity-200 grams;				
	accuracy-0.001g				
	readability 0.001g				
	digital				
	with certificate of calibration				
8	<b>Autoclavable plastic bag</b>	pack	1	8,000.00	8,000.00
	Color: Transparent				
	Size: 12" x 12"				
	100 pcs/pack				
9	<b>Beaker, glass, 3L</b>	pc	1	2,500.00	2,500.00
10	<b>Bleach, liquid, 99.9% antibac, 1 gallon</b>	gallon	3	150.00	450.00
11	<b>Brush for cleaning 250mL Erlenmeyer Flask</b>	pc	16	250.00	4,000.00
	■Bristle Color: White Bristle				
	■Brush+Handle Length: 12"				
	■Brush Diameter: 1 3/8"				
	■Brush Length: 3 1/2"				
	■Suitable for cleaning 250mL Erlenmeyer Flask				
12	<b>Buffer Solution pH 10, 500 mL</b>	btl	2	2,500.00	5,000.00
13	<b>Buffer Solution pH 4, 500 mL</b>	btl	3	2,500.00	7,500.00
14	<b>Buffer solution, pH 7, 1000 ml.</b>	btl	2	1,000.00	2,000.00
15	<b>Ceramic palette, round</b>	pc	1	1,500.00	1,500.00
	Material: Ceramic				

	Color: White				
	Shape: Round				
	Size: 1" x 7-1/4, 11 wells,				
16	<b>Chromic Acid</b>	kl	1	1,500.00	1,500.00
	flakes, Technical Grade				
17	<b>Crucible with cover</b>	pc	20	150.00	3,000.00
	porcelain container				
	Porcelain Crucible with Lid (High Form), 30ml				
	Height: 43mm				
	Base: 24mm Diam.				
	Top: 33mm Diam.				
18	<b>Digital Thermostatic Water Bath</b>	pc	3	14,900.00	44,700.00
	■Digital Thermostatic Water Bath with 1 Chamber, 3L Capacity, RT to 100°C, 300W Heating Power, 0.1°C				
19	<b>Dissolve oxygen electrode</b>	unit	1	20,000.00	20,000.00
	DO electrode compatible with DO700 dissolved oxygen meter				
	Temperature and salinity sensor with automatic temperature and salinity compensation				
	Manual barometric pressure compensation.				
	Dissolved Oxygen Concentration: 0 to 40.00mg/L				
	Dissolved Oxygen Saturation: 0 to 200.0%				
	The pen-style electrode is easy to dip into a sample in a lab or in the field, making the DO700 an extremely versatile meter.				
	Measuring Range: (0 to 40.00) mg/L (ppm) (0 to 200.0) %				
	Resolution: 0.1/0.01 mg/L (ppm) 1/0.1 %				
	Accuracy: Meter: ±0.10 mg/L; with electrode: ±0.40 mg/L				
	Response Time: ≤30 s (25 C, 90% response)				
	Residual current: ≤0.1 mg/L				
	Temp. Compensation range: 0 to 45 C; Automatic				
	Salinity Compensation range: 0 to 45 ppt; Automatic				
	Barometric Pressure: 66 to 200 Kpa				
	Electrode type: Polarogram type				
20	<b>Electronic Gel Rocker</b>	pc	1	25,000.00	25,000.00
	PRODDUCT SPECIFICATION				
	Maximum: 60 RPM				
	Motor: DC Motor				
	Speed Controller: Analogue				
	Platform Size: 25 X 25 cms				
	Weight: 4kgs				
	Movement: See-Saw				
	Timer: 0- 60 min (Digital)				
	Dimension: 25 x 25 x 17.5 cms				
	Operating Voltage: 230V, 50 Hz, A.C Supply				
	Body: MS With Powder Coated Body				
21	<b>Elisa Immuno Explorer Refill Kit</b>	sets	3	5,800.00	17,400.00
22	<b>Erlenmeyer Flask, Glass, 250mL</b>	pc	12	400.00	4,800.00
	■Material: Borosilicate Glass				
	■Good Quality				
23	<b>Ethanol Absolute</b>	btl	3	2,500.00	7,500.00



	2.5 Liters/ bottle				
24	<b>Filter Paper, 12.5 cm. Ashless #42 or equivalent</b>	boxes	3	2,000.00	6,000.00
	Pore size:2.5um				
	at least 100 pcs. per box				
25	<b>Filter Paper, 12.5 cm. Ashless #42 or equivalent</b>	boxes	17	1,800.00	30,600.00
	Pore size:2.5um				
	at least 100 pcs. per box				
26	<b>Glacial Acetic Acid</b>	btl	2	3,500.00	7,000.00
	■Analytical Reagent grade 2.5L per bottle				
27	<b>Glass Vials 2ml</b>	set	1	800.00	800.00
	■100Pcs/Set 2ml Graduated Clear Sample Vials Autosampler Vials Bottles Threaded Vial w/ Write-on Spot Screw Caps Septa				
28	<b>Global Positioning System (GPS)</b>	unit	1	25,000.00	25,000.00
	Specifications: 4-inch dual-orientation, glove-friendly touchscreen display; 8 megapixel autofocus camera; automatically geotags photos; tracks both GPS and GLONASS satellites; 1-year birdsEye Satellite Imagery subscription; 3-axis compass with barometric altimeter				
29	<b>Gloves, Nitrile, Large</b>	box	3	1,500.00	4,500.00
	■Glove Type: Chemical Resistant Disposable Gloves				
	■Glove Material: Nitrile				
	■Powder-Free				
	■1 box of 100 or 50 pairs				
	■Food Safe				
	■Size: large				
30	<b>Gloves, Nitrile, Medium</b>	box	1	500.00	500.00
	■Glove Type: Chemical Resistant Disposable Gloves				
	■Glove Material: Nitrile				
	■Powder-Free				
	■1 box of 100 or 50 pairs				
	■Food Safe				
	■Size: Medium				
31	<b>Gloves, Nitrile, Small</b>	box	2	1,500.00	3,000.00
	■Glove Type: Chemical Resistant Disposable Gloves				
	■Glove Material: Nitrile				
	■Powder-Free				
	■1 box of 100 or 50 pairs				
	■Food Safe				
	■Size: Small				
32	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs./pack</b>	packs	2	1,500.00	3,000.00
	■Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm				
33	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs./pack</b>	packs	1	700.00	700.00
	■Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm				
34	<b>Graduated Cylinder, Plastic, 1000mL</b>	L	5	400.00	2,000.00

	Plastic, 1000ml (1L) capacity for Particle Size Analysis				
35	<b>Hydrochloric acid, HCl</b>	btls	3	1,000.00	3,000.00
	Analytical reagent grade, concentrated, 2.5L/bottle				
36	<b>IDEA Kit-Inquiry Dye Electrophoresis Activity</b>	sets	3	4,500.00	13,500.00
37	<b>Laboratory Hot Plate Magnetic Stirrer, 0-1600 RPM, 5000 mL maximum stirring capacity</b>	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				
38	<b>Microscope glass slide - frosted end</b>	box	4	300.00	1,200.00
	Material: Brosillicate glass				
	Thickness: medium				
	Blurry end side of microscope glass slide				
	good quality				
	50 pcs/box				
39	<b>Micro pipette, with stand, P10 (0.5-10ul)</b>	unit	1	8,060.00	8,060.00
40	<b>Micro pipette, with stand, P100 (10-100ul)</b>	unit	1	8,060.00	8,060.00
41	<b>Microscope Slides and cover slips</b>	pieces	1	370.00	370.00
	■Pre-Cleaned Blank slides with 100 22 x 22 mm square Cover Slip				
42	<b>Microwaveable food grade rectangular container 750ml</b>	pc	65	15.00	975.00
43	<b>Nitric acid, HNO3</b>	btls	1	3,600.00	3,600.00
	Concentrated, Analytical reagent grade, 2.5L/bottle				
44	<b>nylon weighted rope &amp; calibrated line, 20m</b>	pc	2	5,000.00	10,000.00
	>Heavy Nylon line calibrated from 0 to 20 meter in 1 meter increments.				
	>Lower end of line is fitted with brush hook for attachment to sampling devices, Secchi disk, etc.				
	>w/ removable 2-lb (0.91kg) lead weight				
	>Top end of line is attached to a foam plastic float which also serve as storage reel for line				
45	<b>Paraffin, Tissue Embedding Medium, Kg</b>	pack	1	900.00	900.00
	Tissue Embedding Wax, Medium				
	Pure Paraffin wax with Added Polymer for precise embedding and sectioning				
46	<b>Para-phenyldiamine</b>	500gms	1	5,400.00	5,400.00
	*used for dyeing specimen (lichens)				
47	<b>pGLO Bacterial Transformation Reagent Refill Kit</b>	sets	3	4,800.00	14,400.00
48	<b>pH Meter with complete specification</b>	unit	4	40,000.00	160,000.00
	Specifications: Parameters Measured: pH / mV (ORP) / °C				
	Range pH: (-2.00~19.99) PH				
	mV: (0~± 1999) Mv Temp: (0.0~80.0)° C				
	Resolution pH: 0.01PHmV: ± 1mV				
	Temp: 0.01° C				
	Accuracy pH: ± 0.01ph± 1bit				
	mV: ± 0.1mV± 1bit				
	Temper: ± 0.01° C				

	Stability: ( $\pm 0.01\text{pH} \pm 1\text{bit}$ )/3h				
	Temperature Compensation: Manual/Auto (0.0~80.0)° : LCD, dual parameter				
	Power: Universal power adapter (12V DC, 1.0mA)				
	Dimension (mm): 290x210x95				
	Weight (kg): 1.5				
49	<b>Phosphoric acid, H<sub>3</sub>PO<sub>4</sub></b>	btl	1	3,000.00	3,000.00
	Analytical reagent grade, concentrated, 2.5L/bottle				
50	<b>Plastic cellophane 5"x8"</b>	pack	3	200.00	600.00
	Color: transparent				
	Size: 5"x8"				
	thickness: 03				
	100 pcs/pack				
51	<b>Portable Dissolve Oxygen Meter/ Multimeter Kit</b>	unit	1	135,000.00	135,000.00
	Multimeter Kit measures DO concentration/saturation, pH, mV, Temperature, Conductivity, TDS, Salinity, and Resistivity. It features automatic salinity compensation and manual barometric pressure compensation for DO measurements. In addition, it has automatic one button calibration of 4, 7 and 10 pH with a choice of three-point calibration for better accuracy and it provides automatic temperature compensation. Complete with DO probe, pH/mV/Temp electrode, polymer Conductivity cell, pH and Conductivity calibration solutions, batteries and hard carrying case.				
	• Measures Dissolved Oxygen concentration/saturation, pH, mV, Conductivity, TDS, Salinity, Resistivity and Temperature				
	• Automatic salinity compensation and manual barometric pressure compensation for DO measurements .				
	• One button pH calibration (4, 7, and 10pH)				
	• Choice of 3 point pH calibration for better accuracy				
	• One point Conductivity calibration - automatically recognizes 8 calibration solutions from USA, Europe and China series				
	• Automatic Temperature Compensation (non-linear compensation for purified water <10uS/cm to improve measuring accuracy)				
	• Memory stores up to 400 readings with series number, measured value and temperature				
	• Large blue backlit dual LCD display				
	• Auto power off saves battery life with disable function				
	• Waterproof housing				
	• Complete with DO probe, pH/mV/Temp electrode, polymer Conductivity cell, pH and Conductivity calibration solutions, batteries and hard carrying case				

	<i>Specifications:</i>				
	<i>Dissolved Oxygen (Concentration)</i>				
	<i>Dissolved Oxygen (Saturation)</i>				
	<i>pH</i>				
	<i>mV</i>				
	<i>Conductivity</i>				
	<i>TDS</i>				
	<i>Salinity</i>				
	<i>Resistivity</i>				
	<i>Temperature (for pH &amp; mV)</i>				
	<i>Temperature (other)</i>				
	<i>Range:</i>				
	<i>0 to 40.00mg/L</i>				
	<i>0 to 200.0%</i>				
	<i>-2.00 to 19.99pH</i>				
	<i>-1999 to + 1999mV</i>				
	<i>0.00 to 199.9mS</i>				
	<i>0 to 100g/L</i>				
	<i>0 to 100ppt</i>				
	<i>0 to 100M cm</i>				
	<i>32 to 212°F (0 to 100°C)</i>				
	<i>32 to 122°F (0 to 50°C)</i>				
	<i>Resolution</i>				
	<i>0.01mg/L</i>				
	<i>0.001</i>				
	<i>0.01pH</i>				
	<i>1mV</i>				
	<i>0.01μS</i>				
	<i>0.01mg/L</i>				
	<i>0.01ppt</i>				
	<i>0.1</i>				
	<i>0.1°</i>				
	<i>0.1°</i>				
	<i>Basic Accuracy</i>				
	<i>±1.5%FS</i>				
	<i>±1.5%FS</i>				
	<i>±0.02pH</i>				
	<i>±0.15mV</i>				
	<i>±1.5%FS</i>				
	<i>±1.5%FS</i>				
	<i>±1.5%FS</i>				
	<i>±1.5%FS</i>				
	<i>±1°F/±0.5°C</i>				
	<i>±1°F/±0.5°C</i>				
	<i>Dimensions/Weight</i>				
	<i>4.7x2.6x1.2" (120x65x31mm)/ 6.3oz (180g)</i>				
<b>52</b>	<b>Potassium Hydroxide</b>	btl	1	4,200.00	4,200.00
	☐Flakes				
	☐Analytical Grade				
	☐1kg				
<b>53</b>	<b>Potassium iodide, KI</b>	btl	1	2,000.00	2,000.00
	☐Analytical reagent grade, powder, 500g/bottle				
<b>54</b>	<b>Potassium Nitrate</b>	kl	1	5,800.00	5,800.00
	☐AR grade				
	☐Formula: KNO3				
	☐Molar wt: 101.1032 g/mo				
	☐1kg/pack				

55	<b>Rectangular coverslip</b>	box	2	250.00	500.00
	<i>Clear glass</i>				
	<i>Rectangular</i>				
	<i>W x L: 11mm X22</i>				
	<i>Thickness: 0.13-0.16mm</i>				
	<i>100 pcs/box</i>				
56	<b>Replacement Membrane Caps for Dissolve Oxygen Meter</b>	set	1	7,000.00	7,000.00
	<i>Replacement or spare Membrane Caps is a set which is for use with Extech Model DO700 Portable Dissolved Oxygen Meter. Comes in a set of three caps.</i>				
57	<b>Resealable Plastic Bag, Large</b>	pack	1	500.00	500.00
	<i>resealable plastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack</i>				
58	<b>Resealable Plastic Bag, Small</b>	pack	5	100.00	500.00
	<i>resealable plastic bag, zip lock, 120 mm x 170 mm (4 1/2" x 7"), 100 pcs per pack</i>				
59	<b>Restriction Digestion and Analysis of Lambda DNA Kit</b>	sets	3	7,200.00	21,600.00
60	<b>Rubber Tubing Latex</b>	roll	2	4,000.00	8,000.00
	<i>rubber tubing latex 10mm outside diameter, PK-50F, 100feet/roll</i>				
61	<b>Scalpel Blade</b>	box	2	280.00	560.00
	<i>Stainless steel</i>				
	<i>100 blades/box</i>				
62	<b>Silica gel, self indicating, blue, 500g</b>	btl	1	3,000.00	3,000.00
	<i>color: blue</i>				
	<i>particle size (beads): 2-5mm</i>				
	<i>used as desiccant agent (drying agent)</i>				
63	<b>Sodium Hexametaphosphate, 500g</b>	btl	5	800.00	4,000.00
64	<b>Sodium Hydroxide, AR 500G</b>	btls	2	1,200.00	2,400.00
	<i>500 g/bottle, AR, Pellets</i>				
65	<b>Sodium Thiosulfate, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub></b>	btl	1	2,000.00	2,000.00
	<i>Analytical grade, 100g/bottle</i>				
66	<b>Sulfuric Acid</b>	btl	3	1,750.00	5,250.00
	<i>Analytical Grade (98%)</i>				
	<i>2.5 Liters</i>				
	<i>specific gravity 1.84</i>				
67	<b>Tertiary Butyl Alcohol (TBA), Technical, 1L/btl</b>	btl	2	700.00	1,400.00
	<i>tert-Butanol, synthesis grade</i>				
	<i>(CH<sub>3</sub>)<sub>3</sub>COH</i>				
68	<b>Tetra Vertical Electrophoresis Cell, 4-gel</b>	set	1	75,000.00	75,000.00
	<i>Tetra 4-gel Vertical Electrophoresis System including:</i>				
	<i>Tank, lid with power cables, electrode assembly</i>				
	<i>Mini cell buffer dam</i>				
	<i>Tetra Companion Running Module</i>				
	<i>2 casting stands with 4 casting frames</i>				
	<i>5 short plates and 5 spacer plates with integrated 1.0 mm spacers</i>				
	<i>Five 10-well combs</i>				
	<i>Five gel releasers</i>				
	<i>TGX Stain-Free FastCast Acrylamide Starter Kit, 10%</i>				
	<i>PowerPac Universal Power Supply</i>				

	<b>SPECIFICATION</b>				
	Number of gels: 1–4				
	Cell (tank and lid with power cables): 1				
	Companion module (to run up to 4 gels): 1				
	10-well combs: 5				
	1.0 mm spacer plates (5 plates per box): 1 box				
	Short plates (5 plates per box): 1 box				
	Casting stands: 2				
	Casting frames: 4				
	Total buffer volume for 2 gels, ml: 800				
	Total buffer volume for 4 gels, ml: 1000				
	Typical run time for SDS-PAGE: 35–45 min (at 200 V constant)				
	Power supply: PowerPac™ Universal				
	Gel format: Mini				
<b>69</b>	<b>Transparent plastic jar with lid, 120ml</b>	box	2	300.00	600.00
	material: plastic				
	Color: transparent				
	capacity: 120ml				
	10 pcs/box				
<b>70</b>	<b>Transparent plastic jar with lid, 150ml</b>	box	2	400.00	800.00
	material: plastic				
	Color: transparent				
	capacity: 150ml				
	10 pcs/box				
<b>71</b>	<b>Transparent plastic jar with lid, 200ml</b>	box	2	600.00	1,200.00
	material: plastic				
	Color: transparent				
	capacity: 200ml				
	10 pcs/box				
<b>72</b>	<b>Transparent ziplock bags (20 x 30cm)</b>	pack	2	200.00	400.00
	100 pcs/pack				
<b>73</b>	<b>Triple Beam Balance</b>	pc	1	3,500.00	3,500.00
	Capacity - 2610g				
	Readability - 0.1g				
	Repeatability - 0.2g				
	Pan size - 152mm ø				
<b>74</b>	<b>Tri-power Stereo Microscope</b>	unit	1	25,000.00	25,000.00
	■45° advance viewing head which can rotate 360°				
	■locked on 15x wide-field eye piece with diopter adjustment on one ocular tube				
	■magnification of paired objectives: 30x parfocal, 45x parcentered, and 60x achromatic				
	■led lighting				
	■rack and pinion focusing with slip clutch and tension adjustment				
	■adjustable pole mounted cycle				
	■includes a 95mm black and white reversible stage plate				
	■rugged all metal construction				
	■corded				
	■power source: 220-240 V 50/60Hz				
	■with warranty				
<b>75</b>	<b>Universal Pipette Carousel Stand</b>	unit	2	9,000.00	18,000.00
	■7-slot universal Pipette Carousel Stand				
<b>76</b>	<b>Volumetric Flask 100ml</b>	pc	12	800.00	9,600.00
	■100 mL (±0.01 mL)				

	■Borosilicate glass with glass standard taper stopper,				
	■Class A				
	■Calibrated				
77	<b>Volumetric Flask 25mL</b>	pcs	12	550.00	6,600.00
	■clear borosilicate glass with ground glass stopper, 25mL, Class A				
78	<b>Volumetric Flask 50ml</b>	pc	12	500.00	6,000.00
	■50mL, (±1mL)				
	■Borosilicate glass with glass standard taper stopper,				
	■Class A				
	■Calibrated				
79	<b>Wash Bottle, 250mL cap.</b>	pc	5	200.00	1,000.00
	■Material: Plastic (good quality)				
80	<b>Blood Agar Base</b>	btl	1	4,000.00	4,000.00
	Enrichment medium and used for the hemolysis test.				
	supplied in 500g/bottle				
81	<b>Buffered Peptone Water</b>	btl	1	4,000.00	4,000.00
	Pre-enrichment broth				
	used for isolation and culturing of bacteria.				
	supplied in 500g/bottle				
82	<b>MacConkey Agar</b>	btl	2	10,000.00	20,000.00
	selective medium				
	aids in identifying non-lactose fermenters (transparent or cream colonies) and lactose fermenter (red to pinkish colonies)				
	supplied in 500g/bottle				
83	<b>Mueller Hinton Agar</b>	btl	2	1,000.00	2,000.00
	Medium used for conducting the antibiotic sensitivity test.				
	supplied in 500g/bottle				
84	<b>Sodium Tellurite</b>	btl	1	4,500.00	4,500.00
	Component of the Baird Parker Agar used in identifying Staph. aureus				
85	<b>Anti-Vibration Table</b>	unit	1	500,000.00	500,000.00
	Compatibility/Purpose: Suitable for applications in microscopy, optical path testing, optical measurement, laser interference, laser scanning, spectral holographic experiments, etc.				
	1. Countertop Material: At least 6mm 1Cr17 high quality high magnetic permeability stainless steel				
	2. Overall thickness of table: At least 100mm				
	3. The height of the table above the ground: At least 800mm				
	4. Overall dimensions of the table (length*width*height): At least 1200mm*900mm*800mm				
	5. Fixing screw hole: Table cloth M6 screw hole array spacing of at least 25mm×25mm				
	6. Internal structure of the table: Honeycomb steel structure				
	7. Amplitude: ≤1.0um				
	8. Countertop Flatness Accuracy: 0.02 - 0.05mm/m2				

	9. Surface roughness: $<0.8\mu\text{m}$				
	10. Natural frequency: Vertical 1.2 ~1.8Hz; Horizontal 1.2 ~1.8Hz				
	11. Load weight capacity: At least 300Kg				
	12. Vibration reduction efficiency:				
	•When the x-direction is less than 5Hz: 86% ~ 92%				
	•When the y-direction is less than 5Hz: 84% ~ 90%				
	•When the x-direction is less than 10Hz: 90% ~96%				
	•When the y-direction is less than 10Hz: 88% ~93%				
	13. Platform support method				
	•Built-in 4-point gas vibration device support system,				
	•Automatic inflation and automatic balance,				
	•Imported pneumatic components,				
	•Equipped with casters, easy to move,				
	•Equipped with ultra-quiet air compressor				
	14. Important Features				
	•Built-in precision air spring				
	•Vibration isolation system				
	•Automatic leveling function				
	<b>Rebidding (from GOODS-22-12)</b>				
86	<b>5-Sulfosalicylic Acid Dihydrate Technical, 500g</b>	btl	1	2,500.00	2,500.00
	■ACS reagent, $\geq 99\%$				
	■CAS 5965-83-3				
	■Crystalline Solid, Powder				
	■500g				
	■Technical grade				
87	<b>Acetone, Technical Grade, 1gal</b>	gal	1	1,600.00	1,600.00
88	<b>Activated Charcoal suitable for plant cell and tissue culture (5g)</b>	btl	1	2,500.00	2,500.00
89	<b>Agar for plant cell and tissue culture (500g)</b>	btl	1	6,000.00	6,000.00
90	<b>Agarose (type II) suitable for plant cell and tissue culture (50g)</b>	btl	1	9,000.00	9,000.00
91	<b>Ammonium Acetate, AR</b>	kgs	2	1,800.00	3,600.00
92	<b>Ammonium Fluoride</b>	btl	1	1,000.00	1,000.00
	■White crystalline				
	■ACS reagent, $\geq 98.0\%$				
	■500g				
93	<b>Ammonium nitrate (NH<sub>4</sub>NO<sub>3</sub>) suitable for plant cell and tissue culture</b>	kg	1	5,000.00	5,000.00
94	<b>Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g)</b>	btl	1	4,000.00	4,000.00
95	<b>Casein hydrolyzate for tissue culture suitable for plant cell and tissue culture (100g)</b>	btl	1	2,000.00	2,000.00
96	<b>Cobalt chloride (CoCl<sub>2</sub>, 6H<sub>2</sub>O) suitable for plant cell and tissue culture</b>	btl	1	1,600.00	1,600.00
	Molecular weight: 249.68				
	500g				
97	<b>Colchicine suitable for plant cell and tissue culture (1g)</b>	btl	1	15,000.00	15,000.00
98	<b>Copper sulfate, CuSO<sub>4</sub></b>	btls	4	1,800.00	7,200.00



	■Anhydrous, Analytical reagent grade, 500g/bottle				
99	<b>Copper Sulphate, 500 grams/pack</b>	pack	1	500.00	500.00
100	<b>Cupric sulfate (CuSO<sub>4</sub>, 5H<sub>2</sub>O) suitable for plant cell and tissue culture (500g)</b>	btl	1	1,600.00	1,600.00
101	<b>D-Calcium panthothenate suitable for plant cell and tissue culture (100g)</b>	btl	1	5,600.00	5,600.00
102	<b>EMS (Ethyl methanesulfonate) for plant genetic studies (10g)</b>	btl	1	8,500.00	8,500.00
103	<b>Gellan Gum, Agar substitute gelling agent suitable for plant cell and tissue culture (250g)</b>	btl	1	15,000.00	15,000.00
104	<b>Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g)</b>	btl	1	3,500.00	3,500.00
105	<b>Molybdic acid (sodium salt) (Na<sub>2</sub>MoO<sub>4</sub>, 2H<sub>2</sub>O) suitable for plant cell and tissue culture ( 500grams, AR)</b>	btl	1	2,200.00	2,200.00
106	<b>Myo-inositol suitable for plant cell and tissue culture (100gms)</b>	btl	1	2,000.00	2,000.00
107	<b>Portable Moisture Tester for Grain with Digital Meter Readout, Grain Tester with Carry Case</b>	set	1	20,000.00	20,000.00
	<i>Specification:</i>				
	<i>Backlit display for nighttime use</i>				
	<i>Built-in calibration button for displaying the average of saved test results</i>				
	<i>Multi-language display</i>				
	<i>Higher-frequency, capacitive circuit improves accuracy</i>				
	<i>Moisture range: 5% to 40% depending on grain tested</i>				
	<i>Temperature range: 32° to 113°F (0° to 45°C)</i>				
	<i>Repeatability &amp; Accuracy: ± 0.5% in normal moisture range for stored grain</i>				
	<i>Single-point or Precision multi-point calibration to match local elevator</i>				
	<i>Direct readout for 40 different grain scales</i>				
	<i>Case color: Black</i>				
	<i>Material: Plastic</i>				
	<i>Power source: Battery-powered</i>				
	<i>Voltage: 9 Volts</i>				
	<i>Certification: certified frustration-free</i>				
	<i>Battery included: yes</i>				
	<i>Includes Protective carrying case with shoulder strap</i>				
	<i>with warranty</i>				
108	<b>Potassium Antimony Tartrate (III) Hydrate, AR, 500g</b>	btl	1	3,000.00	3,000.00
109	<b>Potassium Dichromate, AR Grade</b>	btls	3	1,550.00	4,650.00
	■500 grams/poly bottle				
110	<b>Potassium iodide (KI) suitable for plant cell and tissue culture</b>	btl	1	2,200.00	2,200.00
	<i>Molecular weight 166</i>				
	<i>500 grams</i>				
111	<b>Potassium Nitrate (KNO<sub>3</sub>) suitable for plant cell and tissue culture</b>	kgs	1	5,500.00	5,500.00
	<i>1 kilogram of Potassium Nitrate</i>				
112	<b>Resealable Plastic Bag, Large</b>	packs	5	500.00	2,500.00

	resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack				
113	<b>Sodium Hydroxide, Technical grade, 1kg/pack</b>	packs	30	100.00	3,000.00
114	<b>Utility Gloves, Rubber, Large, Non-Sterile</b>	pairs	6	140.00	840.00
115	<b>Laboratory Stool/Chair, Wheeled</b>	pc	1	4,500.00	4,500.00
	Anti-static stool				
	Adjustable height: at least 40-60 cm				
	Weight capacity: at least 300lbs				
	Ergonomic with hip to mid-waist level back support				
	With round footrest/ foot ring				
	Anti-slip seat material: Rugged polyurethane				
	No. of wheels: 5				
	Standard style w/polished aluminum base: 20"-30"				
	Seat shape: Round				
	Color: Black				
116	<b>Manual Ball Sealer for Semen Straws, 0.5mL Set</b>	set	1	63,000.00	63,000.00
	used for sealing individual 0.5ml semen straws.				
	Includes:				
	Sealing ball, glass, for 0.5 ml straws, black (REF: 13400/1000) - 1 pack for 1000 pcs				
	Sealing ball, metal, for 0.5 ml straws (REF: 13400/9900) - 2 packs for 2000 pcs				
	EcoStraw, 0.5 ml, transparent grey (REF: 13408/3074) - 1 pack for 2500pcs				
	1 MiniCutter for semen straws (REF: 17062/0010)				
117	<b>PET Seal Bottles/Reagent Vials</b>	packs	10	230.00	2,300.00
	EREMY1 Portable Bottle Container PET Seal Bottles Spray Bottle Pill Container Powder Container Reagent Vials Plastic Chemical Container				
	Color: Clear				
	Quantity: 10pcs/pack				
	Type: Refillable Bottles: 15ml, 20ml, 30ml, 60ml				
118	<b>Rectangle Microscope Glass Slide Holder Box</b>	packs	2	270.00	540.00
	Microscope 5-Slide Box				
	Material : Plastic				
	Each Box Can Hold 5 pieces of microscope slides				
	Box Size : 8.7 x 2.8 x 1.9cm				
	Fit Slide Size : 7.8x 2.6cm				
	Package Weight : 100g				
	Package : 10 x Microscope Slide Box				
119	<b>Stainless Steel Thermal Insulated Flask</b>	units	5	450.00	2,250.00
	Thermal Cup Specifications:				
	Keeps warm and cold, can be filled with water to keep warm				
	Sealed and leak-proof, heat insulation and scalding				
	Hook and handle- easy to take				
	500 mL Portable Stainless Steel Food				

	<i>Thermal Insulated Container</i>				
	■Leakproof Thermal Cup Vacuum Flasks				
	■Material: 304 stainless steel+PP+PS+silicone				
	■Size: 15*9.6cm				
	■Color: yellow/blue/red				
				<b>TOTAL:</b>	<b>1,768,305.00</b>

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

2. The *Visayas State University* 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 *21 April – 17 May 2022 until 8:30 AM* from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.
6. The *Visayas State University* will hold a Pre-Bid Conference on *May 4, 2022; 9:00 AM* at the *PPO Conference Room, Lower Campus, Visca, Baybay City, Leyte* and through video conferencing *via Zoom*, which shall be open to prospective bidders.

Bidders are advised to contact the BAC Secretariat before the scheduled Pre-Bid Conference for the Zoom Meeting Details.

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 *17 May 2022 until 8:30 AM*. Late bids shall not be accepted.

8. For bidders who opt to submit their bids electronically, a hardcopy (original, copy 1, and copy 2) of the bid must be sent to the BAC through preferred couriers. A proof (e.g. courier receipt/waybill, etc.) that a hardcopy of the bid is on transit must be presented upon submission of the electronic bid.
9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
10. Bid opening shall be on *17 May 2022; 9:00 AM* at the *PPO Conference Room, Lower Campus, Visca, Baybay City, Leyte* and via *Zoom*. 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 Zoom Meeting Details.

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](mailto: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: 0977 7186594*  
*Email: [tmdargantes@vsu.edu.ph](mailto:tmdargantes@vsu.edu.ph)*

13. You may visit the following websites:

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

April 20, 2022



**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 Supplies and Chemicals*, with identification number *GOODS-22-26*.

The Procurement Project (referred to herein as “Project”) is composed of *119 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 2022 in the amount of *One Million Seven Hundred Sixty-Eight Thousand Three Hundred Five (PhP 1,768,305.00)*.

2.2. The source of funding is: NGA, the GAA, STF, and TF.

## **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:

Bidder 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 *September 16, 2022*. 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: <ul style="list-style-type: none"> <li>a. <i>Laboratory Equipment, Laboratory Supplies, Laboratory Chemicals or a combination of the foregoing</i></li> <li>b. completed within two (2) years prior to the deadline for the submission and receipt of bids.</li> </ul>
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: <ul style="list-style-type: none"> <li>a. The amount of not less than <i>Thirty-Five Thousand Three Hundred Sixty-Six and 10/100 Pesos (PhP 35,366.10) 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</li> <li>b. The amount of not less than <i>Eighty-Eight Thousand Four Hundred Fifteen and 25/100 Pesos (PhP 88,415.25) or five percent (5%) of ABC</i> if bid security is in Surety Bond.</li> </ul>
15	<p>Bidders are requested to submit three (3) copies of its bid – 1 Original, Copy 1, and Copy 2.</p> <p>For filing purposes, the bidders are urged to use <b>Red</b> envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.</p>
19.3	<i>See Section I. Invitation to Bid (Item 1) for the list of items and their corresponding total Approved Budget for the Contract (ABC).</i>
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><b>Delivery and Documents –</b></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 term applicable to this Contract is 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;"><b><i>Ms. Alicia M. Flores</i></b>  <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>  <i>Email address: alicia.flores@vsu.edu.ph</i></p> <p><b>Incidental Services –</b></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"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>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</li> <li>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.</li> </ol>
	<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><b>Spare Parts – if applicable</b></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"> <li>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</li> <li>b. in the event of termination of production of the spare parts: <ul style="list-style-type: none"> <li>i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and</li> <li>ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</li> </ul> </li> </ul> <p>The spare parts and other components required are listed in <b>Section VI (Schedule of Requirements)</b> and the cost thereof are 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><b>Packaging –</b></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>

	Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications
	<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><b>Transportation –</b></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>

	<b>Intellectual Property Rights – if applicable</b>  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.
2.2	Payment of staggered deliveries shall be allowed. Payment shall be on “as per cost of the items delivered” subject to inspection and acceptance.
4	The inspections and tests that will be conducted will be specified by the appropriate technical team of VSU 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.	Unit	Qty	Description	Delivered, Weeks/Months
1	pcs	27	<b>125 ml Erlenmeyer flask</b>	All Items Should Be Delivered Within <b>90 Calendar Days</b> From Receipt Of Notice To Proceed And Purchase Order
			70980-125- 125 ml Erlenmeyer flask	
2	gallon	3	<b>95% Ethyl Alcohol, Technical Grade (Gallon)</b>	
3	gal	2	<b>Acetone</b>	
			☐Acetone, Technical Grade	
			☐1gal	
4	kilos	1	<b>Agar Agar</b>	
5	gallons	3	<b>Alcohol, Denatured</b>	
6	pcs	2	<b>Aluminum Foil Jumbo Roll</b>	
			300 meters x 12 inches	
7	unit	4	<b>Analytical Balance</b>	
			capacity-200 grams;	
			accuracy-0.001g	
			readability 0.001g	
			digital	
			with certificate of calibration	
8	pack	1	<b>Autoclavable plastic bag</b>	
			Color: Transparent	
			Size: 12" x 12"	
			100 pcs/pack	
9	pc	1	<b>Beaker, glass, 3L</b>	
10	gallon	3	<b>Bleach, liquid, 99.9% antibac, 1 gallon</b>	
11	pc	16	<b>Brush for cleaning 250mL Erlenmeyer Flask</b>	
			☐Bristle Color: White Bristle	
			☐Brush+Handle Length: 12"	
			☐Brush Diameter: 1 3/8"	
			☐Brush Length: 3 1/2"	
			☐Suitable for cleaning 250mL Erlenmeyer Flask	
12	btl	2	<b>Buffer Solution pH 10, 500 mL</b>	
13	btl	3	<b>Buffer Solution pH 4, 500 mL</b>	
14	btl	2	<b>Buffer solution, pH 7, 1000 ml.</b>	
15	pc	1	<b>Ceramic palette, round</b>	
			Material: Ceramic	
			Color: White	
			Shape: Round	
			Size: 1" x 7-1/4, 11 wells,	
16	kl	1	<b>Chromic Acid</b>	
			flakes, Technical Grade	
17	pc	20	<b>Crucible with cover</b>	
			porcelain container	
			Porcelain Crucible with Lid (High Form), 30ml	
			Height: 43mm	
			Base: 24mm Diam.	
			Top: 33mm Diam.	
18	pc	3	<b>Digital Thermostatic Water Bath</b>	
			☐Digital Thermostatic Water Bath with 1	

			Chamber, 3L Capacity, RT to 100°C, 300W Heating Power, 0.1°C
19	unit	1	<b>Dissolve oxygen electrode</b>
			DO electrode compatible with DO700 dissolved oxygen meter
			Temperature and salinity sensor with automatic temperature and salinity compensation
			Manual barometric pressure compensation.
			Dissolved Oxygen Concentration: 0 to 40.00mg/L
			Dissolved Oxygen Saturation: 0 to 200.0%
			The pen-style electrode is easy to dip into a sample in a lab or in the field, making the DO700 an extremely versatile meter.
			Measuring Range: (0 to 40.00) mg/L (ppm) (0 to 200.0) %
			Resolution: 0.1/0.01 mg/L (ppm) 1/0.1 %
			Accuracy: Meter: $\pm 0.10$ mg/L; with electrode: $\pm 0.40$ mg/L
			Response Time: $\leq 30$ s (25 C, 90% response)
			Residual current: $\leq 0.1$ mg/L
			Temp. Compensation range: 0 to 45 C; Automatic
			Salinity Compensation range: 0 to 45 ppt; Automatic
			Barometric Pressure: 66 to 200 Kpa
			Electrode type: Polarogram type
20	pc	1	<b>Electronic Gel Rocker</b>
			PRODDUCT SPECIFICATION
			Maximum: 60 RPM
			Motor: DC Motor
			Speed Controller: Analogue
			Platform Size: 25 X 25 cms
			Weight: 4kgs
			Movement: See-Saw
			Timer: 0- 60 min (Digital)
			Dimension: 25 x 25 x 17.5 cms
			Operating Voltage: 230V, 50 Hz, A.C Supply
			Body: MS With Powder Coated Body
21	sets	3	<b>Elisa Immuno Explorer Refill Kit</b>
22	pc	12	<b>Erlenmeyer Flask, Glass, 250mL</b>
			Material: Borosilicate Glass
			Good Quality
23	btl	3	<b>Ethanol Absolute</b>
			2.5 Liters/ bottle
24	boxes	3	<b>Filter Paper, 12.5 cm. Ashless #42 or equivalent</b>
			Pore size: 2.5um
			at least 100 pcs. per box
25	boxes	17	<b>Filter Paper, 12.5 cm. Ashless #42 or equivalent</b>
			Pore size: 2.5um
			at least 100 pcs. per box
26	btl	2	<b>Glacial Acetic Acid</b>
			Analytical Reagent grade 2.5L per bottle
27	set	1	<b>Glass Vials 2ml</b>
			100Pcs/Set 2ml Graduated Clear Sample

			Vials Autosampler Vials Bottles Threaded Vial w/ Write-on Spot Screw Caps Septa
28	unit	1	<b>Global Positioning System (GPS)</b>
			Specifications: 4-inch dual-orientation, glove-friendly touchscreen display; 8 megapixel autofocus camera; automatically geotags photos; tracks both GPS and GLONASS satellites; 1-year birdsEye Satellite Imagery subscription; 3-axis compass with barometric altimeter
29	box	3	<b>Gloves, Nitrile, Large</b>
			☐Glove Type: Chemical Resistant Disposable Gloves
			☐Glove Material: Nitrile
			☐Powder-Free
			☐1 box of 100 or 50 pairs
			☐Food Safe
			☐Size: large
30	box	1	<b>Gloves, Nitrile, Medium</b>
			☐Glove Type: Chemical Resistant Disposable Gloves
			☐Glove Material: Nitrile
			☐Powder-Free
			☐1 box of 100 or 50 pairs
			☐Food Safe
			☐Size: Medium
31	box	2	<b>Gloves, Nitrile, Small</b>
			☐Glove Type: Chemical Resistant Disposable Gloves
			☐Glove Material: Nitrile
			☐Powder-Free
			☐1 box of 100 or 50 pairs
			☐Food Safe
			☐Size: Small
32	packs	2	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs./pack</b>
			☐Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm
33	packs	1	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs./pack</b>
			☐Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm
34	L	5	<b>Graduated Cylinder, Plastic, 1000mL</b>
			Plastic, 1000ml (1L) capacity for Particle Size Analysis
35	btls	3	<b>Hydrochloric acid, HCl</b>
			Analytical reagent grade, concentrated, 2.5L/bottle
36	sets	3	<b>IDEA Kit-Inquiry Dye Electrophoresis Activity</b>
37	unit	1	<b>Laboratory Hot Plate Magnetic Stirrer, 0-1600 RPM, 5000 mL maximum stirring capacity</b>
			Material of plate : ceramic coating
			Speed(RPM) : 0-1600RPM
			Heating Power : 600W



			Plate Size : 19 * 19 cm
			Heating Temperature : 350°C
38	box	4	<b>Microscope glass slice - frosted end</b>
			Material: Brosillicate glass
			Thickness: medium
			Blurry end side of microscope glass slide
			good quality
			50 pcs/box
39	unit	1	<b>Micro pipette, with stand, P10 (0.5-10ul)</b>
40	unit	1	<b>Micro pipette, with stand, P100 (10-100ul)</b>
41	pieces	1	<b>Microscope Slides and cover slips</b>
			■Pre-Cleaned Blank slides with 100 22 x 22 mm square Cover Slip
42	pc	65	<b>Microwaveable food grade rectangular container 750ml</b>
43	btls	1	<b>Nitric acid, HNO3</b>
			Concentrated, Analytical reagent grade, 2.5L/bottle
44	pc	2	<b>nylon weighted rope &amp; calibrated line, 20m</b>
			>Heavy Nylon line calibrated from 0 to 20 meter in 1 meter increments.
			>Lower end of line is fitted with brush hook for attachment to sampling devices, Secchi disk, etc.
			>w/ removable 2-lb (0.91kg) lead weight
			>Top end of line is attached to a foam plastic float which also serve as storage reel for line
45	pack	1	<b>Paraffin, Tissue Embedding Medium, Kg</b>
			Tissue Embedding Wax, Medium
			Pure Paraffin wax with Added Polymer for precise embedding and sectioning
46	500gms	1	<b>Para-phenyldiamine</b>
			*used for dyeing specimen (lichens)
47	sets	3	<b>pGLO Bacterial Transformation Reagent Refill Kit</b>
48	unit	4	<b>pH Meter with complete specification</b>
			Specifications: Parameters Measured: pH / mV (ORP) / °C
			Range pH: (-2.00~19.99) PH
			mV: (0~± 1999) Mv Temp: (0.0~80.0)° C
			Resolution pH: 0.01PHmV: ± 1mV
			Temp: 0.01° C
			Accuracy pH: ± 0.01ph± 1bit
			mV: ± 0.1mV± 1bit
			Temper: ± 0.01° C
			Stability: (± 0.01pH± 1bit)/3h
			Temperature Compensation: Manual/Auto (0.0~80.0)° : LCD, dual parameter
			Power: Universal power adapter (12V DC, 1.0mA)
			Dimension (mm): 290x210x95
			Weight (kg): 1.5
49	btl	1	<b>Phosphoric acid, H3PO4</b>
			Analytical reagent grade, concentrated, 2.5L/bottle
50	pack	3	<b>Plastic cellophane 5"x8"</b>
			Color: transparent
			Size: 5"x8"

			<i>thickness: 03</i>	
			<i>100 pcs/pack</i>	
<b>51</b>	unit	1	<b>Portable Dissolve Oxygen Meter/ Multimeter Kit</b>	
			<i>Multimeter Kit measures DO concentration/saturation, pH, mV, Temperature, Conductivity, TDS, Salinity, and Resistivity. It features automatic salinity compensation and manual barometric pressure compensation for DO measurements. In addition, it has automatic one button calibration of 4, 7 and 10 pH with a choice of three-point calibration for better accuracy and it provides automatic temperature compensation. Complete with DO probe, pH/mV/Temp electrode, polymer Conductivity cell, pH and Conductivity calibration solutions, batteries and hard carrying case.</i>	
			<i>• Measures Dissolved Oxygen concentration/saturation, pH, mV, Conductivity, TDS, Salinity, Resistivity and Temperature</i>	
			<i>• Automatic salinity compensation and manual barometric pressure compensation for DO measurements .</i>	
			<i>• One button pH calibration (4, 7, and 10pH)</i>	
			<i>• Choice of 3 point pH calibration for better accuracy</i>	
			<i>• One point Conductivity calibration - automatically recognizes 8 calibration solutions from USA, Europe and China series</i>	
			<i>• Automatic Temperature Compensation (non-linear compensation for purified water &lt;10uS/cm to improve measuring accuracy)</i>	
			<i>• Memory stores up to 400 readings with series number, measured value and temperature</i>	
			<i>• Large blue backlit dual LCD display</i>	
			<i>• Auto power off saves battery life with disable function</i>	
			<i>• Waterproof housing</i>	
			<i>• Complete with DO probe, pH/mV/Temp electrode, polymer Conductivity cell, pH and Conductivity calibration solutions, batteries and hard carrying case</i>	
			<i>Specifications:</i>	
			<i>Dissolved Oxygen (Concentration)</i>	
			<i>Dissolved Oxygen (Saturation)</i>	
			<i>pH</i>	
			<i>mV</i>	
			<i>Conductivity</i>	
			<i>TDS</i>	
			<i>Salinity</i>	
			<i>Resistivity</i>	
			<i>Temperature (for pH &amp; mV)</i>	
			<i>Temperature (other)</i>	
			<i>Range:</i>	
			<i>0 to 40.00mg/L</i>	

			0 to 200.0%
			-2.00 to 19.99pH
			-1999 to + 1999mV
			0.00 to 199.9mS
			0 to 100g/L
			0 to 100ppt
			0 to 100M cm
			32 to 212°F (0 to 100°C)
			32 to 122°F (0 to 50°C)
			Resolution
			0.01mg/L
			0.001
			0.01pH
			1mV
			0.01µS
			0.01mg/L
			0.01ppt
			0.1
			0.1°
			0.1°
			Basic Accuracy
			±1.5%FS
			±1.5%FS
			±0.02pH
			±0.15mV
			±1.5%FS
			±1.5%FS
			±1.5%FS
			±1.5%FS
			±1°F/±0.5°C
			±1°F/±0.5°C
			Dimensions/Weight
			4.7x2.6x1.2" (120x65x31mm)/ 6.3oz (180g)
52	btl	1	<b>Potassium Hydroxide</b>
			■Flakes
			■Analytical Grade
			■1kg
53	btl	1	<b>Potassium iodide, KI</b>
			■Analytical reagent grade, powder, 500g/bottle
54	kl	1	<b>Potassium Nitrate</b>
			■AR grade
			■Formula: KNO3
			■Molar wt: 101.1032 g/mo
			■1kg/pack
55	box	2	<b>Rectangular coverslip</b>
			Clear glass
			Rectangular
			W x L: 11mm X22
			Thickness: 0.13-0.16mm
			100 pcs/box
56	set	1	<b>Replacement Membrane Caps for Dissolve Oxygen Meter</b>
			Replacement or spare Membrane Caps is a set which is for use with Extech Model DO700 Portable Dissolved Oxygen Meter. Comes in a set of three caps.
57	pack	1	<b>Resealable Plastic Bag, Large</b>

			resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack
58	pack	5	<b>Resealable Plastic Bag, Small</b>
			resealable plastic bag, zip lock, 120 mm x 170 mm (4 1/2" x 7"), 100 pcs per pack
59	sets	3	<b>Restriction Digestion and Analysis of Lambda DNA Kit</b>
60	roll	2	<b>Rubber Tubing Latex</b>
			rubber tubing latex 10mm outside diameter, PK-50F, 100feet/roll
61	box	2	<b>Scalpel Blade</b>
			Stainless steel
			100 blades/box
62	btl	1	<b>Silica gel, self indicating, blue, 500g</b>
			color: blue
			particle size (beads): 2-5mm
			used as desiccant agent (drying agent)
63	btl	5	<b>Sodium Hexametaphosphate, 500g</b>
64	btls	2	<b>Sodium Hydroxide, AR 500G</b>
			500 g/bottle, AR, Pellets
65	btl	1	<b>Sodium Thiosulfate, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub></b>
			Analytical grade, 100g/bottle
66	btl	3	<b>Sulfuric Acid</b>
			Analytical Grade (98%)
			2.5 Liters
			specific gravity 1.84
67	btl	2	<b>Tertiary Butyl Alcohol (TBA), Technical, 1L/btl</b>
			tert-Butanol, synthesis grade
			(CH <sub>3</sub> ) <sub>3</sub> COH
68	set	1	<b>Tetra Vertical Electrophoresis Cell, 4-gel</b>
			Tetra 4-gel Vertical Electrophoresis System including:
			Tank, lid with power cables, electrode assembly
			Mini cell buffer dam
			Tetra Companion Running Module
			2 casting stands with 4 casting frames
			5 short plates and 5 spacer plates with integrated 1.0 mm spacers
			Five 10-well combs
			Five gel releasers
			TGX Stain-Free FastCast Acrylamide Starter Kit, 10%
			PowerPac Universal Power Supply
			SPECIFICATION
			Number of gels: 1–4
			Cell (tank and lid with power cables): 1
			Companion module (to run up to 4 gels): 1
			10-well combs: 5
			1.0 mm spacer plates (5 plates per box): 1 box
			Short plates (5 plates per box): 1 box
			Casting stands: 2
			Casting frames: 4
			Total buffer volume for 2 gels, ml: 800
			Total buffer volume for 4 gels, ml: 1000
			Typical run time for SDS-PAGE: 35–45 min (at 200 V constant)

			Power supply: PowerPac™ Universal	
			Gel format: Mini	
69	box	2	<b>Transparent plastic jar with lid, 120ml</b>	
			material: plastic	
			Color: transparent	
			capacity: 120ml	
			10 pcs/box	
70	box	2	<b>Transparent plastic jar with lid, 150ml</b>	
			material: plastic	
			Color: transparent	
			capacity: 150ml	
			10 pcs/box	
71	box	2	<b>Transparent plastic jar with lid, 200ml</b>	
			material: plastic	
			Color: transparent	
			capacity: 200ml	
			10 pcs/box	
72	pack	2	<b>Transparent ziplock bags (20 x 30cm)</b>	
			100 pcs/pack	
73	pc	1	<b>Triple Beam Balance</b>	
			Capacity - 2610g	
			Readability - 0.1g	
			Repeatability - 0.2g	
			Pan size - 152mm ø	
74	unit	1	<b>Tri-power Stereo Microscope</b>	
			▣45° advance viewing head which can rotate 360°	
			▣locked on 15x wide-field eye piece with diopter adjustment on one ocular tube	
			▣magnification of paired objectives: 30x parfocal, 45x parcentered, and 60x achromatic	
			▣led lighting	
			▣rack and pinion focusing with slip clutch and tension adjustment	
			▣adjustable pole mounted cycle	
			▣includes a 95mm black and white reversible stage plate	
			▣rugged all metal construction	
			▣corded	
			▣power source: 220-240 V 50/60Hz	
			▣with warranty	
75	unit	2	<b>Universal Pipette Carousel Stand</b>	
			▣7-slot universal Pipette Carousel Stand	
76	pc	12	<b>Volumetric Flask 100ml</b>	
			▣100 mL (±0.01 mL)	
			▣Borosilicate glass with glass standard taper stopper,	
			▣Class A	
			▣Calibrated	
77	pcs	12	<b>Volumetric Flask 25mL</b>	
			▣clear borosilicate glass with ground glass stopper, 25mL, Class A	
78	pc	12	<b>Volumetric Flask 50ml</b>	
			▣50mL, (±1mL)	
			▣Borosilicate glass with glass standard taper stopper,	
			▣Class A	
			▣Calibrated	

79	pc	5	<b>Wash Bottle, 250mL cap.</b>
			Material: Plastic (good quality)
80	btl	1	<b>Blood Agar Base</b>
			Enrichment medium and used for the hemolysis test.
			supplied in 500g/bottle
81	btl	1	<b>Buffered Peptone Water</b>
			Pre-enrichment broth
			used for isolation and culturing of bacteria.
			supplied in 500g/bottle
82	btl	2	<b>MacConkey Agar</b>
			selective medium
			aids in identifying non-lactose fermenters (transparent or cream colonies) and lactose fermenter (red to pinkish colonies)
			supplied in 500g/bottle
83	btl	2	<b>Mueller Hinton Agar</b>
			Medium used for conducting the antibiotic sensitivity test.
			supplied in 500g/bottle
84	btl	1	<b>Sodium Tellurite</b>
			Component of the Baird Parker Agar used in identifying Staph. aureus
85	unit	1	<b>Anti-Vibration Table</b>
			Compatibility/Purpose: Suitable for applications in microscopy, optical path testing, optical measurement, laser interference, laser scanning, spectral holographic experiments, etc.
			1. Countertop Material: At least 6mm 1Cr17 high quality high magnetic permeability stainless steel
			2. Overall thickness of table: At least 100mm
			3. The height of the table above the ground: At least 800mm
			4. Overall dimensions of the table (length*width*height): At least 1200mm*900mm*800mm
			5. Fixing screw hole: Table cloth M6 screw hole array spacing of at least 25mmx25mm
			6. Internal structure of the table: Honeycomb steel structure
			7. Amplitude: $\leq 1.0\mu m$
			8. Countertop Flatness Accuracy: 0.02 - 0.05mm/m <sup>2</sup>
			9. Surface roughness: $< 0.8\mu m$
			10. Natural frequency: Vertical 1.2 ~ 1.8Hz; Horizontal 1.2 ~ 1.8Hz
			11. Load weight capacity: At least 300Kg
			12. Vibration reduction efficiency:
			•When the x-direction is less than 5Hz: 86% ~ 92%
			•When the y-direction is less than 5Hz: 84% ~ 90%
			•When the x-direction is less than 10Hz: 90% ~ 96%
			•When the y-direction is less than 10Hz: 88% ~ 93%

			13. Platform support method
			•Built-in 4-point gas vibration device support system,
			•Automatic inflation and automatic balance,
			•Imported pneumatic components,
			•Equipped with casters, easy to move,
			•Equipped with ultra-quiet air compressor
			14. Important Features
			•Built-in precision air spring
			•Vibration isolation system
			•Automatic leveling function
			<b>Rebidding (from GOODS-22-12)</b>
86	btl	1	<b>5-Sulfosalicylic Acid Dihydrate Technical, 500g</b>
			■ACS reagent, ≥ 99%
			■CAS 5965-83-3
			■Crystalline Solid, Powder
			■500g
			■Technical grade
87	gal	1	<b>Acetone, Technical Grade, 1gal</b>
88	btl	1	<b>Activated Charcoal suitable for plant cell and tissue culture (5g)</b>
89	btl	1	<b>Agar for plant cell and tissue culture (500g)</b>
90	btl	1	<b>Agarose (type II) suitable for plant cell and tissue culture (50g)</b>
91	kgs	2	<b>Ammonium Acetate, AR</b>
92	btl	1	<b>Ammonium Flouride</b>
			■White crystalline
			■ACS reagent, ≥98.0%
			■500g
93	kg	1	<b>Ammonium nitrate (NH<sub>4</sub>NO<sub>3</sub>) suitable for plant cell and tissue culture</b>
94	btl	1	<b>Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g)</b>
95	btl	1	<b>Casein hydrolyzate for tissue culture suitable for plant cell and tissue culture (100g)</b>
96	btl	1	<b>Cobalt chloride (CoCl<sub>2</sub>, 6H<sub>2</sub>O) suitable for plant cell and tissue culture</b>
			<i>Molecular weight: 249.68</i>
			<i>500g</i>
97	btl	1	<b>Colchicine suitable for plant cell and tissue culture (1g)</b>
98	btls	4	<b>Copper sulfate, CuSO<sub>4</sub></b>
			■Anhydrous, Analytical reagent grade, 500g/bottle
99	pack	1	<b>Copper Sulphate, 500 grams/pack</b>
100	btl	1	<b>Cupric sulfate (CuSO<sub>4</sub>, 5H<sub>2</sub>O) suitable for plant cell and tissue culture (500g)</b>
101	btl	1	<b>D-Calcium panthothenate suitable for plant cell and tissue culture (100g)</b>
102	btl	1	<b>EMS (Ethyl methanesulfonate) for plant genetic studies (10g)</b>
103	btl	1	<b>Gellan Gum, Agar substitute gelling agent suitable for plant cell and tissue culture (250g)</b>
104	btl	1	<b>Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g)</b>

105	btl	1	<b>Molybdic acid (sodium salt) (Na<sub>2</sub>MoO<sub>4</sub>, 2H<sub>2</sub>O) suitable for plant cell and tissue culture ( 500grams, AR)</b>
106	btl	1	<b>Myo-inositol suitable for plant cell and tissue culture (100gms)</b>
107	set	1	<b>Portable Moisture Tester for Grain with Digital Meter Readout, Grain Tester with Carry Case</b>
			<i>Specification:</i>
			<i>Backlit display for nighttime use</i>
			<i>Built-in calibration button for displaying the average of saved test results</i>
			<i>Multi-language display</i>
			<i>Higher-frequency, capacitive circuit improves accuracy</i>
			<i>Moisture range: 5% to 40% depending on grain tested</i>
			<i>Temperature range: 32° to 113°F (0° to 45°C)</i>
			<i>Repeatability &amp; Accuracy: ± 0.5% in normal moisture range for stored grain</i>
			<i>Single-point or Precision multi-point calibration to match local elevator</i>
			<i>Direct readout for 40 different grain scales</i>
			<i>Case color: Black</i>
			<i>Material: Plastic</i>
			<i>Power source: Battery-powered</i>
			<i>Voltage: 9 Volts</i>
			<i>Certification: certified frustration-free</i>
			<i>Battery included: yes</i>
			<i>Includes Protective carrying case with shoulder strap</i>
			<i>with warranty</i>
108	btl	1	<b>Potassium Antimony Tartrate (III) Hydrate, AR, 500g</b>
109	btls	3	<b>Potassium Dichromate, AR Grade</b>
			<i>■500 grams/poly bottle</i>
110	btl	1	<b>Potassium iodide (KI) suitable for plant cell and tissue culture</b>
			<i>Molecular weight 166</i>
			<i>500 grams</i>
111	kgs	1	<b>Potassium Nitrate (KNO<sub>3</sub>) suitable for plant cell and tissue culture</b>
			<i>1 kilogram of Potassium Nitrate</i>
112	packs	5	<b>Resealable Plastic Bag, Large</b>
			<i>■resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack</i>
113	packs	30	<b>Sodium Hydroxide, Technical grade, 1kg/pack</b>
114	pairs	6	<b>Utility Gloves, Rubber, Large, Non-Sterile</b>
115	pc	1	<b>Laboratory Stool/Chair, Wheeled</b>
			<i>Anti-static stool</i>
			<i>Adjustable height: at least 40-60 cm</i>
			<i>Weight capacity: at least 300lbs</i>
			<i>Ergonomic with hip to mid-waist level back support</i>
			<i>With round footrest/ foot ring</i>
			<i>Anti-slip seat material: Rugged polyurethane</i>
			<i>No. of wheels: 5</i>



			Standard style w/polished aluminum base: 20"-30"
			Seat shape: Round
			Color: Black
116	set	1	<b>Manual Ball Sealer for Semen Straws, 0.5mL Set</b>
			☐Used for sealing individual 0.5ml semen straws.
			☐Includes:
			◀Sealing ball, glass, for 0.5 ml straws, black (REF: 13400/1000) - 1 pack for 1000 pcs
			◀Sealing ball, metal, for 0.5 ml straws (REF: 13400/9900) - 2 packs for 2000 pcs
			◀EcoStraw, 0.5 ml, transparent grey (REF: 13408/3074) - 1 pack for 2500pcs
			◀1 MiniCutter for semen straws (REF: 17062/0010)
117	packs	10	<b>PET Seal Bottles/Reagent Vials</b>
			☐EREMY1 Portable Bottle Container PET Seal Bottles Spray Bottle Pill Container Powder Container Reagent Vials Plastic Chemical Container
			◀Color: Clear
			◀Quantity: 10pcs/pack
			◀Type: Refillable Bottles: 15ml, 20ml, 30ml, 60ml
118	packs	2	<b>Rectangle Microscope Glass Slide Holder Box</b>
			☐Microscope 5-Slide Box
			☐Material : Plastic
			☐Each Box Can Hold 5 pieces of microscope slides
			☐Box Size : 8.7 x 2.8 x 1.9cm
			☐Fit Slide Size : 7.8x 2.6cm
			☐Package Weight : 100g
			☐Package : 10 x Microscope Slide Box
119	units	5	<b>Stainless Steel Thermal Insulated Flask</b>
			☐Thermal Cup Specifications:
			☐Keeps warm and cold, can be filled with water to keep warm
			☐Sealed and leak-proof, heat insulation and scalding
			☐Hook and handle- easy to take
			☐500 mL Portable Stainless Steel Food Thermal Insulated Container
			☐Leakproof Thermal Cup Vacuum Flasks
			☐Material: 304 stainless steel+PP+PS+silicone
			☐Size: 15*9.6cm
			☐Color: yellow/blue/red

## ***Section VII. Technical Specifications***

# Technical Specifications

Item No.	Unit	Qty	Description	Statement of Compliance
1	pcs	27	<b>125 ml Erlenmeyer flask</b>	<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>
			70980-125- 125 ml Erlenmeyer flask	
2	gallon	3	<b>95% Ethyl Alcohol, Technical Grade (Gallon)</b>	
3	gal	2	<b>Acetone</b>	
			■Acetone, Technical Grade	
			■1gal	
4	kilos	1	<b>Agar Agar</b>	
5	gallons	3	<b>Alcohol, Denatured</b>	
6	pcs	2	<b>Aluminum Foil Jumbo Roll</b>	
			300 meters x 12 inches	
7	unit	4	<b>Analytical Balance</b>	
			capacity-200 grams;	
			accuracy-0.001g	
			readability 0.001g	
			digital	
			with certificate of calibration	
8	pack	1	<b>Autoclavable plastic bag</b>	
			Color: Transparent	
			Size: 12" x 12"	
			100 pcs/pack	
9	pc	1	<b>Beaker, glass, 3L</b>	
10	gallon	3	<b>Bleach, liquid, 99.9% antibac, 1 gallon</b>	
11	pc	16	<b>Brush for cleaning 250mL Erlenmeyer Flask</b>	
			■Bristle Color: White Bristle	
			■Brush+Handle Length: 12"	
			■Brush Diameter: 1 3/8"	
			■Brush Length: 3 1/2"	
			■Suitable for cleaning 250mL Erlenmeyer Flask	
12	btl	2	<b>Buffer Solution pH 10, 500 mL</b>	
13	btl	3	<b>Buffer Solution pH 4, 500 mL</b>	
14	btl	2	<b>Buffer solution, pH 7, 1000 ml.</b>	
15	pc	1	<b>Ceramic palette, round</b>	
			Material: Ceramic	
			Color: White	
			Shape: Round	
			Size: 1" x 7-1/4, 11 wells,	
16	kl	1	<b>Chromic Acid</b>	
			flakes, Technical Grade	
17	pc	20	<b>Crucible with cover</b>	
			porcelain container	
			Porcelain Crucible with Lid (High Form), 30ml	
			Height: 43mm	
			Base: 24mm Diam.	
			Top: 33mm Diam.	
18	pc	3	<b>Digital Thermostatic Water Bath</b>	
			■Digital Thermostatic Water Bath with 1 Chamber, 3L Capacity, RT to 100°C, 300W Heating Power, 0.1°C	
19	unit	1	<b>Dissolve oxygen electrode</b>	

			DO electrode compatible with DO700 dissolved oxygen meter
			Temperature and salinity sensor with automatic temperature and salinity compensation
			Manual barometric pressure compensation.
			Dissolved Oxygen Concentration: 0 to 40.00mg/L
			Dissolved Oxygen Saturation: 0 to 200.0%
			The pen-style electrode is easy to dip into a sample in a lab or in the field, making the DO700 an extremely versatile meter.
			Measuring Range: (0 to 40.00) mg/L (ppm) (0 to 200.0) %
			Resolution: 0.1/0.01 mg/L (ppm) 1/0.1 %
			Accuracy: Meter: $\pm 0.10$ mg/L; with electrode: $\pm 0.40$ mg/L
			Response Time: $\leq 30$ s (25 C, 90% response)
			Residual current: $\leq 0.1$ mg/L
			Temp. Compensation range: 0 to 45 C; Automatic
			Salinity Compensation range: 0 to 45 ppt; Automatic
			Barometric Pressure: 66 to 200 Kpa
			Electrode type: Polarogram type
20	pc	1	<b>Electronic Gel Rocker</b>
			PRODDUCT SPECIFICATION
			Maximum: 60 RPM
			Motor: DC Motor
			Speed Controller: Analogue
			Platform Size: 25 X 25 cms
			Weight: 4kgs
			Movement: See-Saw
			Timer: 0- 60 min (Digital)
			Dimension: 25 x 25 x 17.5 cms
			Operating Voltage: 230V, 50 Hz, A.C Supply
			Body: MS With Powder Coated Body
21	sets	3	<b>Elisa Immuno Explorer Refill Kit</b>
22	pc	12	<b>Erlenmeyer Flask, Glass, 250mL</b>
			Material: Borosilicate Glass
			Good Quality
23	btl	3	<b>Ethanol Absolute</b>
			2.5 Liters/ bottle
24	boxes	3	<b>Filter Paper, 12.5 cm. Ashless #42 or equivalent</b>
			Pore size: 2.5um
			at least 100 pcs. per box
25	boxes	17	<b>Filter Paper, 12.5 cm. Ashless #42 or equivalent</b>
			Pore size: 2.5um
			at least 100 pcs. per box
26	btl	2	<b>Glacial Acetic Acid</b>
			Analytical Reagent grade 2.5L per bottle
27	set	1	<b>Glass Vials 2ml</b>
			100Pcs/Set 2ml Graduated Clear Sample Vials Autosampler Vials Bottles Threaded Vial w/ Write-on Spot Screw Caps Septa
28	unit	1	<b>Global Positioning System (GPS)</b>

			Specifications: 4-inch dual-orientation, glove-friendly touchscreen display; 8 megapixel autofocus camera; automatically geotags photos; tracks both GPS and GLONASS satellites; 1-year birdsEye Satellite Imagery subscription; 3-axis compass with barometric altimeter
29	box	3	<b>Gloves, Nitrile, Large</b>
			☐Glove Type: Chemical Resistant Disposable Gloves
			☐Glove Material: Nitrile
			☐Powder-Free
			☐1 box of 100 or 50 pairs
			☐Food Safe
			☐Size: large
30	box	1	<b>Gloves, Nitrile, Medium</b>
			☐Glove Type: Chemical Resistant Disposable Gloves
			☐Glove Material: Nitrile
			☐Powder-Free
			☐1 box of 100 or 50 pairs
			☐Food Safe
			☐Size: Medium
31	box	2	<b>Gloves, Nitrile, Small</b>
			☐Glove Type: Chemical Resistant Disposable Gloves
			☐Glove Material: Nitrile
			☐Powder-Free
			☐1 box of 100 or 50 pairs
			☐Food Safe
			☐Size: Small
32	packs	2	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs./pack</b>
			☐Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm
33	packs	1	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs./pack</b>
			☐Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm
34	L	5	<b>Graduated Cylinder, Plastic, 1000mL</b>
			Plastic, 1000ml (1L) capacity for Particle Size Analysis
35	btls	3	<b>Hydrochloric acid, HCl</b>
			Analytical reagent grade, concentrated, 2.5L/bottle
36	sets	3	<b>IDEA Kit-Inquiry Dye Electrophoresis Activity</b>
37	unit	1	<b>Laboratory Hot Plate Magnetic Stirrer, 0-1600 RPM, 5000 mL maximum stirring capacity</b>
			Material of plate : ceramic coating
			Speed(RPM) : 0-1600RPM
			Heating Power : 600W
			Plate Size : 19 * 19 cm
			Heating Temperature : 350°C
38	box	4	<b>Microscope glass slide - frosted end</b>

			<i>Material: Brosillicate glass</i>
			<i>Thickness: medium</i>
			<i>Blurry end side of microscope glass slide</i>
			<i>good quality</i>
			<i>50 pcs/box</i>
39	unit	1	<b>Micro pipette, with stand, P10 (0.5-10ul)</b>
40	unit	1	<b>Micro pipette, with stand, P100 (10-100ul)</b>
41	pieces	1	<b>Microscope Slides and cover slips</b>
			■ <i>Pre-Cleaned Blank slides with 100 22 x 22 mm square Cover Slip</i>
42	pc	65	<b>Microwaveable food grade rectangular container 750ml</b>
43	btls	1	<b>Nitric acid, HNO<sub>3</sub></b>
			<i>Concentrated, Analytical reagent grade, 2.5L/bottle</i>
44	pc	2	<b>nylon weighted rope &amp; calibrated line, 20m</b>
			<i>&gt;Heavy Nylon line calibrated from 0 to 20 meter in 1 meter increments.</i>
			<i>&gt;Lower end of line is fitted with brush hook for attachment to sampling devices, Secchi disk, etc.</i>
			<i>&gt;w/ removable 2-lb (0.91kg) lead weight</i>
			<i>&gt;Top end of line is attached to a foam plastic float which also serve as storage reel for line</i>
45	pack	1	<b>Paraffin, Tissue Embedding Medium, Kg</b>
			<i>Tissue Embedding Wax, Medium</i>
			<i>Pure Paraffin wax with Added Polymer for precise embedding and sectioning</i>
46	500gms	1	<b>Para-phenylendiamine</b>
			<i>*used for dyeing specimen (lichens)</i>
47	sets	3	<b>pGLO Bacterial Transformation Reagent Refill Kit</b>
48	unit	4	<b>pH Meter with complete specification</b>
			<i>Specifications: Parameters Measured: pH / mV (ORP) / °C</i>
			<i>Range pH: (-2.00~19.99) PH</i>
			<i>mV: (0~± 1999) Mv Temp: (0.0~80.0)° C</i>
			<i>Resolution pH: 0.01PHmV: ± 1mV</i>
			<i>Temp: 0.01° C</i>
			<i>Accuracy pH: ± 0.01ph± 1bit</i>
			<i>mV: ± 0.1mV± 1bit</i>
			<i>Temper: ± 0.01° C</i>
			<i>Stability: (± 0.01pH± 1bit)/3h</i>
			<i>Temperature Compensation: Manual/Auto (0.0~80.0)° : LCD, dual parameter</i>
			<i>Power: Universal power adapter (12V DC, 1.0mA)</i>
			<i>Dimension (mm): 290x210x95</i>
			<i>Weight (kg): 1.5</i>
49	btl	1	<b>Phosphoric acid, H<sub>3</sub>PO<sub>4</sub></b>
			<i>Analytical reagent grade, concentrated, 2.5L/bottle</i>
50	pack	3	<b>Plastic cellophane 5"x8"</b>
			<i>Color: transparent</i>
			<i>Size: 5"x8"</i>
			<i>thickness: 03</i>
			<i>100 pcs/pack</i>
51	unit	1	<b>Portable Dissolve Oxygen Meter/</b>

			<b>Multimeter Kit</b>	
			<i>Multimeter Kit measures DO concentration/saturation, pH, mV, Temperature, Conductivity, TDS, Salinity, and Resistivity. It features automatic salinity compensation and manual barometric pressure compensation for DO measurements. In addition, it has automatic one button calibration of 4, 7 and 10 pH with a choice of three-point calibration for better accuracy and it provides automatic temperature compensation. Complete with DO probe, pH/mV/Temp electrode, polymer Conductivity cell, pH and Conductivity calibration solutions, batteries and hard carrying case.</i>	
			<i>• Measures Dissolved Oxygen concentration/saturation, pH, mV, Conductivity, TDS, Salinity, Resistivity and Temperature</i>	
			<i>• Automatic salinity compensation and manual barometric pressure compensation for DO measurements .</i>	
			<i>• One button pH calibration (4, 7, and 10pH)</i>	
			<i>• Choice of 3 point pH calibration for better accuracy</i>	
			<i>• One point Conductivity calibration - automatically recognizes 8 calibration solutions from USA, Europe and China series</i>	
			<i>• Automatic Temperature Compensation (non-linear compensation for purified water &lt;10uS/cm to improve measuring accuracy)</i>	
			<i>• Memory stores up to 400 readings with series number, measured value and temperature</i>	
			<i>• Large blue backlit dual LCD display</i>	
			<i>• Auto power off saves battery life with disable function</i>	
			<i>• Waterproof housing</i>	
			<i>• Complete with DO probe, pH/mV/Temp electrode, polymer Conductivity cell, pH and Conductivity calibration solutions, batteries and hard carrying case</i>	
			<i>Specifications:</i>	
			<i>Dissolved Oxygen (Concentration)</i>	
			<i>Dissolved Oxygen (Saturation)</i>	
			<i>pH</i>	
			<i>mV</i>	
			<i>Conductivity</i>	
			<i>TDS</i>	
			<i>Salinity</i>	
			<i>Resistivity</i>	
			<i>Temperature (for pH &amp; mV)</i>	
			<i>Temperature (other)</i>	
			<i>Range:</i>	
			<i>0 to 40.00mg/L</i>	
			<i>0 to 200.0%</i>	
			<i>-2.00 to 19.99pH</i>	
			<i>-1999 to + 1999mV</i>	

			0.00 to 199.9mS
			0 to 100g/L
			0 to 100ppt
			0 to 100M cm
			32 to 212°F (0 to 100°C)
			32 to 122°F (0 to 50°C)
			Resolution
			0.01mg/L
			0.001
			0.01pH
			1mV
			0.01μS
			0.01mg/L
			0.01ppt
			0.1
			0.1°
			0.1°
			Basic Accuracy
			±1.5%FS
			±1.5%FS
			±0.02pH
			±0.15mV
			±1.5%FS
			±1.5%FS
			±1.5%FS
			±1.5%FS
			±1°F/±0.5°C
			±1°F/±0.5°C
			Dimensions/Weight
			4.7x2.6x1.2" (120x65x31mm)/ 6.3oz (180g)
52	btl	1	<b>Potassium Hydroxide</b>
			■Flakes
			■Analytical Grade
			■1kg
53	btl	1	<b>Potassium iodide, KI</b>
			■Analytical reagent grade, powder, 500g/bottle
54	kl	1	<b>Potassium Nitrate</b>
			■AR grade
			■Formula: KNO3
			■Molar wt: 101.1032 g/mo
			■1kg/pack
55	box	2	<b>Rectangular coverslip</b>
			Clear glass
			Rectangular
			W x L: 11mm X22
			Thickness: 0.13-0.16mm
			100 pcs/box
56	set	1	<b>Replacement Membrane Caps for Dissolve Oxygen Meter</b>
			Replacement or spare Membrane Caps is a set which is for use with Extech Model DO700 Portable Dissolved Oxygen Meter. Comes in a set of three caps.
57	pack	1	<b>Resealable Plastic Bag, Large</b>
			■resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack
58	pack	5	<b>Resealable Plastic Bag, Small</b>



			resealable plastic bag, zip lock, 120 mm x 170 mm (4 1/2" x 7"), 100 pcs per pack
59	sets	3	<b>Restriction Digestion and Analysis of Lambda DNA Kit</b>
60	roll	2	<b>Rubber Tubing Latex</b>
			rubber tubing latex 10mm outside diameter, PK-50F, 100feet/roll
61	box	2	<b>Scalpel Blade</b>
			■Stainless steel
			■100 blades/box
62	btl	1	<b>Silica gel, self indicating, blue, 500g</b>
			color: blue
			particle size (beads): 2-5mm
			used as desiccant agent (drying agent)
63	btl	5	<b>Sodium Hexametaphosphate, 500g</b>
64	btls	2	<b>Sodium Hydroxide, AR 500G</b>
			■500 g/bottle, AR, Pellets
65	btl	1	<b>Sodium Thiosulfate, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub></b>
			Analytical grade, 100g/bottle
66	btl	3	<b>Sulfuric Acid</b>
			■Analytical Grade (98%)
			■2.5 Liters
			■specific gravity 1.84
67	btl	2	<b>Tertiary Butyl Alcohol (TBA), Technical, 1L/btl</b>
			tert-Butanol, synthesis grade
			(CH <sub>3</sub> ) <sub>3</sub> COH
68	set	1	<b>Tetra Vertical Electrophoresis Cell, 4-gel</b>
			Tetra 4-gel Vertical Electrophoresis System including:
			Tank, lid with power cables, electrode assembly
			Mini cell buffer dam
			Tetra Companion Running Module
			2 casting stands with 4 casting frames
			5 short plates and 5 spacer plates with integrated 1.0 mm spacers
			Five 10-well combs
			Five gel releasers
			TGX Stain-Free FastCast Acrylamide Starter Kit, 10%
			PowerPac Universal Power Supply
			SPECIFICATION
			Number of gels: 1–4
			Cell (tank and lid with power cables): 1
			Companion module (to run up to 4 gels): 1
			10-well combs: 5
			1.0 mm spacer plates (5 plates per box): 1 box
			Short plates (5 plates per box): 1 box
			Casting stands: 2
			Casting frames: 4
			Total buffer volume for 2 gels, ml: 800
			Total buffer volume for 4 gels, ml: 1000
			Typical run time for SDS-PAGE: 35–45 min (at 200 V constant)
			Power supply: PowerPac™ Universal
			Gel format: Mini
69	box	2	<b>Transparent plastic jar with lid, 120ml</b>

			<i>material: plastic</i>
			<i>Color: transparent</i>
			<i>capacity: 120ml</i>
			<i>10 pcs/box</i>
<b>70</b>	box	2	<b>Transparent plastic jar with lid, 150ml</b>
			<i>material: plastic</i>
			<i>Color: transparent</i>
			<i>capacity: 150ml</i>
			<i>10 pcs/box</i>
<b>71</b>	box	2	<b>Transparent plastic jar with lid, 200ml</b>
			<i>material: plastic</i>
			<i>Color: transparent</i>
			<i>capacity: 200ml</i>
			<i>10 pcs/box</i>
<b>72</b>	pack	2	<b>Transparent ziplock bags (20 x 30cm)</b>
			<i>100 pcs/pack</i>
<b>73</b>	pc	1	<b>Triple Beam Balance</b>
			<i>Capacity - 2610g</i>
			<i>Readability - 0.1g</i>
			<i>Repeatability - 0.2g</i>
			<i>Pan size - 152mm ø</i>
<b>74</b>	unit	1	<b>Tri-power Stereo Microscope</b>
			■45° advance viewing head which can rotate 360°
			■locked on 15x wide-field eye piece with diopter adjustment on one ocular tube
			■magnification of paired objectives: 30x parfocal, 45x parcentered, and 60x achromatic
			■led lighting
			■rack and pinion focusing with slip clutch and tension adjustment
			■adjustable pole mounted cycle
			■includes a 95mm black and white reversible stage plate
			■rugged all metal construction
			■corded
			■power source: 220-240 V 50/60Hz
			■with warranty
<b>75</b>	unit	2	<b>Universal Pipette Carousel Stand</b>
			■7-slot universal Pipette Carousel Stand
<b>76</b>	pc	12	<b>Volumetric Flask 100ml</b>
			■100 mL (±0.01 mL)
			■Borosilicate glass with glass standard taper stopper,
			■Class A
			■Calibrated
<b>77</b>	pcs	12	<b>Volumetric Flask 25mL</b>
			■clear borosilicate glass with ground glass stopper, 25mL, Class A
<b>78</b>	pc	12	<b>Volumetric Flask 50ml</b>
			■50mL, (±1mL)
			■Borosilicate glass with glass standard taper stopper,
			■Class A
			■Calibrated
<b>79</b>	pc	5	<b>Wash Bottle, 250mL cap.</b>
			■Material: Plastic (good quality)
<b>80</b>	btl	1	<b>Blood Agar Base</b>

			Enrichment medium and used for the hemolysis test.
			supplied in 500g/bottle
81	btl	1	<b>Buffered Peptone Water</b>
			Pre-enrichment broth
			used for isolation and culturing of bacteria.
			supplied in 500g/bottle
82	btl	2	<b>MacConkey Agar</b>
			selective medium
			aids in identifying non-lactose fermenters (transparent or cream colonies) and lactose fermenter (red to pinkish colonies)
			supplied in 500g/bottle
83	btl	2	<b>Mueller Hinton Agar</b>
			Medium used for conducting the antibiotic sensitivity test.
			supplied in 500g/bottle
84	btl	1	<b>Sodium Tellurite</b>
			Component of the Baird Parker Agar used in identifying Staph. aureus
85	unit	1	<b>Anti-Vibration Table</b>
			Compatibility/Purpose: Suitable for applications in microscopy, optical path testing, optical measurement, laser interference, laser scanning, spectral holographic experiments, etc.
			1. Countertop Material: At least 6mm 1Cr17 high quality high magnetic permeability stainless steel
			2. Overall thickness of table: At least 100mm
			3. The height of the table above the ground: At least 800mm
			4. Overall dimensions of the table (length*width*height): At least 1200mm*900mm*800mm
			5. Fixing screw hole: Table cloth M6 screw hole array spacing of at least 25mmx25mm
			6. Internal structure of the table: Honeycomb steel structure
			7. Amplitude: $\leq 1.0\mu m$
			8. Countertop Flatness Accuracy: 0.02 - 0.05mm/m <sup>2</sup>
			9. Surface roughness: $< 0.8\mu m$
			10. Natural frequency: Vertical 1.2 ~ 1.8Hz; Horizontal 1.2 ~ 1.8Hz
			11. Load weight capacity: At least 300Kg
			12. Vibration reduction efficiency:
			•When the x-direction is less than 5Hz: 86% ~ 92%
			•When the y-direction is less than 5Hz: 84% ~ 90%
			•When the x-direction is less than 10Hz: 90% ~ 96%
			•When the y-direction is less than 10Hz: 88% ~ 93%
			13. Platform support method
			•Built-in 4-point gas vibration device support system,

			•Automatic inflation and automatic balance,
			•Imported pneumatic components,
			•Equipped with casters, easy to move,
			•Equipped with ultra-quiet air compressor
			14. Important Features
			•Built-in precision air spring
			•Vibration isolation system
			•Automatic leveling function
			<b>Rebidding (from GOODS-22-12)</b>
86	btl	1	<b>5-Sulfosalicylic Acid Dihydrate Technical, 500g</b>
			■ACS reagent, ≥ 99%
			■CAS 5965-83-3
			■Crystalline Solid, Powder
			■500g
			■Technical grade
87	gal	1	<b>Acetone, Technical Grade, 1gal</b>
88	btl	1	<b>Activated Charcoal suitable for plant cell and tissue culture (5g)</b>
89	btl	1	<b>Agar for plant cell and tissue culture (500g)</b>
90	btl	1	<b>Agarose (type II) suitable for plant cell and tissue culture (50g)</b>
91	kgs	2	<b>Ammonium Acetate, AR</b>
92	btl	1	<b>Ammonium Flouride</b>
			■White crystalline
			■ACS reagent, ≥98.0%
			■500g
93	kg	1	<b>Ammonium nitrate (NH<sub>4</sub>NO<sub>3</sub>) suitable for plant cell and tissue culture</b>
94	btl	1	<b>Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g)</b>
95	btl	1	<b>Casein hydrolyzate for tissue culture suitable for plant cell and tissue culture (100g)</b>
96	btl	1	<b>Cobalt chloride (CoCl<sub>2</sub>, 6H<sub>2</sub>O) suitable for plant cell and tissue culture</b>
			<i>Molecular weight: 249.68</i>
			500g
97	btl	1	<b>Colchicine suitable for plant cell and tissue culture (1g)</b>
98	btl	4	<b>Copper sulfate, CuSO<sub>4</sub></b>
			■Anhydrous, Analytical reagent grade, 500g/bottle
99	pack	1	<b>Copper Sulphate, 500 grams/pack</b>
100	btl	1	<b>Cupric sulfate (CuSO<sub>4</sub>, 5H<sub>2</sub>O) suitable for plant cell and tissue culture (500g)</b>
101	btl	1	<b>D-Calcium panthothenate suitable for plant cell and tissue culture (100g)</b>
102	btl	1	<b>EMS (Ethyl methanesulfonate) for plant genetic studies (10g)</b>
103	btl	1	<b>Gellan Gum, Agar substitute gelling agent suitable for plant cell and tissue culture (250g)</b>
104	btl	1	<b>Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g)</b>
105	btl	1	<b>Molybdic acid (sodium salt) (Na<sub>2</sub>MoO<sub>4</sub>, 2H<sub>2</sub>O) suitable for plant cell and tissue culture ( 500grams, AR)</b>

106	btl	1	<b>Myo-inositol suitable for plant cell and tissue culture (100gms)</b>
107	set	1	<b>Portable Moisture Tester for Grain with Digital Meter Readout, Grain Tester with Carry Case</b>
			<i>Specification:</i>
			<i>Backlit display for nighttime use</i>
			<i>Built-in calibration button for displaying the average of saved test results</i>
			<i>Multi-language display</i>
			<i>Higher-frequency, capacitive circuit improves accuracy</i>
			<i>Moisture range: 5% to 40% depending on grain tested</i>
			<i>Temperature range: 32° to 113°F (0° to 45°C)</i>
			<i>Repeatability &amp; Accuracy: ± 0.5% in normal moisture range for stored grain</i>
			<i>Single-point or Precision multi-point calibration to match local elevator</i>
			<i>Direct readout for 40 different grain scales</i>
			<i>Case color: Black</i>
			<i>Material: Plastic</i>
			<i>Power source: Battery-powered</i>
			<i>Voltage: 9 Volts</i>
			<i>Certification: certified frustration-free</i>
			<i>Battery included: yes</i>
			<i>Includes Protective carrying case with shoulder strap</i>
			<i>with warranty</i>
108	btl	1	<b>Potassium Antimony Tartrate (III) Hydrate, AR, 500g</b>
109	btls	3	<b>Potassium Dichromate, AR Grade</b>
			<i>■500 grams/poly bottle</i>
110	btl	1	<b>Potassium iodide (KI) suitable for plant cell and tissue culture</b>
			<i>Molecular weight 166</i>
			<i>500 grams</i>
111	kgs	1	<b>Potassium Nitrate (KNO<sub>3</sub>) suitable for plant cell and tissue culture</b>
			<i>1 kilogram of Potassium Nitrate</i>
112	packs	5	<b>Resealable Plastic Bag, Large</b>
			<i>■resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack</i>
113	packs	30	<b>Sodium Hydroxide, Technical grade, 1kg/pack</b>
114	pairs	6	<b>Utility Gloves, Rubber, Large, Non-Sterile</b>
115	pc	1	<b>Laboratory Stool/Chair, Wheeled</b>
			<i>Anti-static stool</i>
			<i>Adjustable height: at least 40-60 cm</i>
			<i>Weight capacity: at least 300lbs</i>
			<i>Ergonomic with hip to mid-waist level back support</i>
			<i>With round footrest/ foot ring</i>
			<i>Anti-slip seat material: Rugged polyurethane</i>
			<i>No. of wheels: 5</i>
			<i>Standard style w/polished aluminum base: 20"-30"</i>
			<i>Seat shape: Round</i>

			Color: Black
116	set	1	<b>Manual Ball Sealer for Semen Straws, 0.5mL Set</b>
			☐used for sealing individual 0.5ml semen straws.
			☐Includes:
			◀Sealing ball, glass, for 0.5 ml straws, black (REF: 13400/1000) - 1 pack for 1000 pcs
			◀Sealing ball, metal, for 0.5 ml straws (REF: 13400/9900) - 2 packs for 2000 pcs
			◀EcoStraw, 0.5 ml, transparent grey (REF: 13408/3074) - 1 pack for 2500pcs
			◀1 MiniCutter for semen straws (REF: 17062/0010)
117	packs	10	<b>PET Seal Bottles/Reagent Vials</b>
			☐EREMY1 Portable Bottle Container PET Seal Bottles Spray Bottle Pill Container Powder Container Reagent Vials Plastic Chemical Container
			◀Color: Clear
			◀Quantity: 10pcs/pack
			◀Type: Refillable Bottles: 15ml, 20ml, 30ml, 60ml
118	packs	2	<b>Rectangle Microscope Glass Slide Holder Box</b>
			☐Microscope 5-Slide Box
			☐Material : Plastic
			☐Each Box Can Hold 5 pieces of microscope slides
			☐Box Size : 8.7 x 2.8 x 1.9cm
			☐Fit Slide Size : 7.8x 2.6cm
			☐Package Weight : 100g
			☐Package : 10 x Microscope Slide Box
119	units	5	<b>Stainless Steel Thermal Insulated Flask</b>
			☐Thermal Cup Specifications:
			☐Keeps warm and cold, can be filled with water to keep warm
			☐Sealed and leak-proof, heat insulation and scalding
			☐Hook and handle- easy to take
			☐500 mL Portable Stainless Steel Food Thermal Insulated Container
			☐Leakproof Thermal Cup Vacuum Flasks
			☐Material: 304 stainless steel+PP+PS+silicone
			☐Size: 15*9.6cm
			☐Color: yellow/blue/red

## ***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 Eighty-Four Thousand One Hundred Fifty-Two and 50/100 Pesos (PhP 884,152.50)*;  
**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 Eighty-Four Thousand One Hundred Fifty-Two and 50/100 Pesos (PhP 884,152.50)* and the largest of these similar contracts must be equivalent to at least half of the said aggregate amount or *at least Four Hundred Forty-Two Thousand Seventy-Six and 25/100 Pesos (PhP 442,076.25)*; **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) Schedule of Requirements/production and delivery schedule; **and**
- ☐ (k) Manpower requirements; **and**
- ☐ (l) After-sales service/parts; **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 1,768,305.00**);  
**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 176,830.50**).

**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. 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:

<b>Document</b>	<b>Filename (in PDF form)</b>
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](mailto:jessamine.ecleo@vsu.edu.ph) before the deadline (May 17, 2022; 8:30 AM).



**VISAYAS**  
STATE UNIVERSITY

