



**BID BULLETIN 01**

**Date:** 6 August 2021

**Project Title:** *Supply and Delivery of Laboratory Chemicals and Supplies (GOODS-21-35)*

**Location:** VSU Main, Visca, Baybay City, Leyte

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

**I. LIST OF REQUIREMENTS**

<b>(1st Envelope) TECHNICAL COMPONENT ENVELOPE</b>	
<i>Legal Documents</i>	
1	PhilGEPS Certificate of Registration (Platinum)
	or
	a. Registration Certificate (SEC, DTI or CDA)
	b. Mayor's/Business Permit
	c. Tax Clearance
<i>Technical Documents</i>	
2	Statement of All On-Going Government & Private Contracts
3	Statement of Bidder's Single Largest Completed Contract (at least 25% of the ABC or Php <b>1,342,022.00</b> )
	Or
	Statement of at least two (2) similar completed contracts w/ total amount of at least Php 1,342,022.00 and the largest of which should be at least PhP <b>671,011.00</b> .
4	Bid Security
5	Technical Specifications
6	SCHEDULE of Requirements/Production and delivery schedule
7	Manpower Requirements
8	After Sales service/parts from acceptance of delivered goods (at least 1 year for equipment and 30 days for supplies)
9	Original Duly Signed Omnibus Sworn Statement
<i>Financial Documents</i>	
10	The Supplier's Audited Financial Statements
11	Net Financial Contracting Capacity (at least Php <b>5,368,088.00</b> )
	Or
	Committed Line of Credit (at least Php <b>536,808.80</b> )
<b>(2<sup>nd</sup> Envelope) FINANCIAL COMPONENT ENVELOPE</b>	
12	Original of duly signed and accomplished Financial Bid Form
13	Original of duly signed and accomplished Price Schedule(s)



**Please take note:**

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

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

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

<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.

**III. Changes in the Bidding Documents**

Original	Amendment
<p>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>26 July – 16 August 2021 until 8:30 AM</i> from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Ten Thousand Pesos (PhP 10,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p>	<p>5. A complete set of Bidding Documents may be acquired by interested Bidders on <i>26 July – 16 August 2021 until 8:30 AM</i> from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Ten Thousand Pesos (PhP 10,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</p> <p>The Bidders may deposit the payment for the bidding documents to the Visayas State University Landbank Account with the following details:</p> <p>Account Name: Visayas State University Fund 164</p> <p>Account Number: <u>3572-1000-13</u></p> <p>Then send the deposit slip to <a href="mailto:jessamine.ecleo@vsu.edu.ph">jessamine.ecleo@vsu.edu.ph</a></p>



**IV. Revised List of Goods and Technical Specifications**

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

Item No.	Description	Unit	Qty	ABC/Unit	Total ABC
1	0.1-2.5ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable	pc	1	7,000.00	7,000.00
2	0.5-10 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable	pc	1	7,000.00	7,000.00
3	0.5-10 µL pipette tips (white or clear) at least 1000 pcs. per bag	bag	6	1,000.00	6,000.00
4	1 mm Stage Micrometer with 10 µm Divisions	pc	1	11,000.00	11,000.00
	☐R1L3S2P-delete - 1 mm Stage Micrometer with 10 µm Divisions, 3" x 1", Soda Lime Glass				
5	1.0 um Polystyrene microspheres (5 ml)/ Catalog No.: 112-delete	pc	2	7,000.00	14,000.00
6	1.5 um Polystyrene microspheres (5 ml)/ Catalog No.: 123-delete	pc	2	7,000.00	14,000.00
7	10 ml Type 1, class A borosilicate glass Beaker	pcs	4	250.00	1,000.00
8	10 ml Type 1, class A borosilicate glass Graduated Cylinder	pcs	2	250.00	500.00
9	100 ml Type 1, class A borosilicate glass Beaker	pcs	4	500.00	2,000.00
10	100 ml Type 1, class A borosilicate glass test tube	pcs	5	100.00	500.00
11	100 mm glass petri dish	pcs	55	330.00	18,150.00
12	1000- 5000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable	pc	1	7,000.00	7,000.00
13	1000 ml Type 1, class A borosilicate glass Beaker	pcs	7	1,000.00	7,000.00
14	1000 µL pipette tips (Blue or clear ) at least 1000 pcs. per pack	unit	15	1000.00	15,000.00
15	100mm Funnel Short Stem, Glass	pc	1	1,190.00	1,190.00
16	10-100 ul Single Channel Pipettor, fully autoclavable	pc	1	14,950.00	14,950.00
17	125 ml Erlenmeyer flask	pcs	3	400.00	1,200.00
18	2.5 um Polystyrene microspheres (5 ml)/ Catalog No.: 139-delete	pc	2	7,000.00	14,000.00
19	200- 1000 ul Mechanical Autoclavable Pipette Single Channel Pipettor, Fully Autoclavable	pc	1	7,000.00	7,000.00
20	200 ul Standard pipette tip graduated (Yellow or clear) at least 1000 pcs. per pack	pack	11	500.00	5,500.00
21	200 µL pipette tips (Yellow or clear) at least 1000 pcs. per pack	pack	2	700.00	1,400.00
22	20-200 ul Single Channel Pipettor, fully autoclavable	pc	1	14,950.00	14,950.00
23	Delicate Task Wipes	boxes	33	800.00	26,400.00
	☐4.4 x 8.4 inches (11 x 21 cm) ☐280 sheets/box ☐lint-free				
24	22 mm x 22 mm cover slip (0.13- 0.16 mm thickness), at least 72 pcs. per box	boxes	2	500.00	1,000.00
25	2-20 ul Single Channel Pipettor, fully autoclavable	pc	1	14,950.00	14,950.00
26	24 mm x 50mm cover glass (0.13- 0.17 mm thickness) at least 100 pcs. per box	boxes	30	200.00	6,000.00
27	25 ml Type 1, class A borosilicate glass Beaker	pcs	4	400.00	1,600.00
28	250 ml Type 1, class A borosilicate glass Beaker	pcs	2	600.00	1,200.00



29	250 mm glass stirring rod	pcs	3	125.00	375.00
30	3 layer Non-woven surgical face mask, at least 50 pcs. per box	boxes	10	200.00	2,000.00
31	4-Nitrophenol or p-Nitrophenol	Vial	1	5,615.00	5,615.00
	☑Analytical standard, Powder or crystal form, HPLC suitable Vial of 1g				
32	4-well Chamber Slide w/ removable well, Pack of at least 16	pack	1	17,200.00	17,200.00
	Suitable for mammalian cell culture, Treated for adherent cell culture				
	Molecular biology grade, Rectangular shape, clear polystyrene lid with a handle on the side for aseptic manipulations				
	Soda-lime glass material, Sterile, ready-to-use				
33	50 mL High Clarity PP Centrifuge Tube, Conical Bottom, Sterile, 25pcs/bag	bags	7	1,250.00	8,750.00
34	50 ml Type 1, class A borosilicate glass Beaker	pcs	4	400.00	1,600.00
35	500 ml Type 1, class A borosilicate glass Beaker	pcs	7	700.00	4,900.00
36	5000 ul pipette tips (Neutral), at least 1000 pcs. per pack	pack	5	2,300.00	11,500.00
37	96 well plates, polypropylene	pack	1	18,500.00	18,500.00
	96W Microplate well working volume 50-300 µL clear polypropylene wells round bottom maximum volume 355 µL DNAse/RNase free Non-pyrogenic by LAL method to <0.06 EU/mL at least 100 EA per pack				
38	Acetone	gal	1	2,500.00	2,500.00
	☑Acetone, Technical Grade ☑1gal				
39	Acrylamide	btl	2	27,500.00	55,000.00
	☑Molecular biology grade, at least ≥99.0% assay quality ☑Suitable for protein analysis and electrophoresis ☑Dnase-free and Rnase-free ☑Bottle of at least 500g				
40	Adipogenesis Differentiation Kit	pack	2	28,500.00	57,000.00
	☑Molecular Biology grade ☑Suitable for mammalian cell culture ☑Liquid form ☑≤ 50 EU/ml endotoxin level ☑High glucose ☑NO HEPES and phenol red ☑With adipogenesis supplements ☑Kit of at least 100mL basal medium and 10mL supplement				
41	Agar Agar	kilos	3	2,800.00	8,400.00
42	Alcohol Burner	btl	10	170.00	1,700.00
	☑Burner Lamp ☑Clear Glass Lab ☑150mL				
43	Alcohol, Denatured	gallons	16	500.00	8,000.00
44	Alcohol, Ethyl, 75% solution, 1 gallon	gallon	1	600.00	600.00
45	Alcohol, Ethyl, 95% (Tech)	liters	20	115.00	2,300.00
46	Alginate Acid Sodium Salt, Powder, 500g/btl	btl	7	29,250.00	204,750.00
47	Aluminum Burette Clip Titration Clamp	pc	1	500.00	500.00



48	<b>Amber Glass Bottles with Dropper (100ml)</b>	btls	10	150.00	1,500.00
	☐compatible with the 50 ml capacity Glass Burette materials is Aluminum				
49	<b>Ammonium Chloride, Analytical Grade, 500g/btl</b>	btl	1	1,500.00	1,500.00
	☐AR grade, 500g per bottle				
50	<b>Ammonium persulfate</b>	btl	1	4,345.00	4,345.00
	Molecular biology;at least ≥98.0% assay qualitySuitable for protein analysis, SDS-PAGE and Western blotDNases and Rnases freePhosphatases and proteases freeSolid formBottle of at least &nbsp;-delete 25g				
51	<b>Ammonium Phosphate Dibasic</b>	btl	1	2,500.00	2,500.00
	☐Analytical Grade ☐500 G bottle				
52	<b>Ammonium Sulfate 500g per bottle</b>	btl	1	1,500.00	1,500.00
	☐Anhydrous ☐Lab grade/ Analytical reagent grade ☐Expiration date(3 years from the delivery date) ☐Packed in Teflon bottles				
53	<b>Analytical Balance (500/0.001 g)</b>	pc	1	14,950.00	14,950.00
	Lab Analytical Balance Scale 0.001g				
54	<b>Automatic Oil Press Extractor Machine (2L)</b>	pc	1	14,950.00	14,950.00
	Automatic Oil Press Extractor Machine (220 V)				
55	<b>Bacillus Agar Medium</b>	btl	1	30,000.00	30,000.00
	☐Powder form ☐500 G ☐Suitable as differential medium for rapid identification of Bacillus species				
56	<b>Beaker, Glass, 100mL</b>	pc	24	500.00	12,000.00
	☐100mL capacity, borosilicate glass				
57	<b>Beaker, Glass, 2000mL</b>	pc	5	1,000.00	5,000.00
	☐2000mL capacity, borosilicate glass				
58	<b>Beaker, Glass, 250mL</b>	pc	12	400.00	4,800.00
	☐Low Form Beaker ☐Borosilicate Glass ☐Transparent Beaker ☐Thickened With Spout				
59	<b>Binocular</b>	pc	1	5,500.00	5,500.00
	☐preferably 7-10X magnification; 35-50 exit pupil ☐waterproof, fog proof, weather resistant				
60	<b>Bis-acrylamide</b>	btl	1	16,300.00	16,300.00
	☐Molecular biology grade, ≥99.5% assay quality ☐Suitable for protein analysis and electrophoresis ☐Dnase-free and Rnase-free ☐Bottle of at least 100g				
61	<b>Boric Acid, Analytical Reagent</b>	kgs	1	2,500.00	2,500.00
62	<b>Bovine Calf Serum</b>	btl	1	2,500.00	2,500.00
	☐Molecular biology grade ☐Suitable for mammalian cell culture ☐Hemoglobin, ≤35 mg/dL; ≤10 EU/mL endotoxin ☐Sterile-filtered ☐Bottle of at least 100mL				
63	<b>Brush for cleaning 250mL Erlenmeyer Flask</b>	pc	3	250.00	750.00



	<ul style="list-style-type: none"> <li>☑Bristle Color: White Bristle</li> <li>☑Brush+Handle Length: 12"</li> <li>☑Brush Diameter: 1 3/8"</li> <li>☑Brush Length: 3 1/2"</li> <li>☑Suitable for cleaning 250mL Erlenmeyer Flask</li> </ul>				
64	<b>Buffer Solution pH 10, at least 500 ml</b>	btl	1	2,500.00	2,500.00
65	<b>Buffer Solution pH 4, at least 500 ml</b>	btl	1	2,500.00	2,500.00
66	<b>Buffer solution, pH 7, 1000 ml.</b>	btl	4	1,000.00	4,000.00
67	<b>Buffer solution, pH 9, 1000 ml.</b>	btl	1	1,000.00	1,000.00
68	<b>C/EBPα polyclonal antibody, unconjugated</b>	Vial	1	35,500.00	35,500.00
	<ul style="list-style-type: none"> <li>☑C/EBPα polyclonal antibody, unconjugated</li> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Reactive to Human, Mouse, Rat</li> <li>☑Host/Isotype: Rabbit / IgG</li> <li>☑Concentration: 1 mg/mL</li> <li>☑Vial of 100ug</li> </ul>				
69	<b>C/EBPβ polyclonal antibody, unconjugated</b>	Vial	1	39,000.00	39,000.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Reactive to Human, Mouse, Rat</li> <li>☑Host/Isotype: Rabbit / IgG</li> <li>☑Vial of at least 100ul/ug</li> </ul>				
70	<b>Calcium Bromide, at least 100 grams per bottle</b>	btl	1	2,712.00	2,712.00
	<ul style="list-style-type: none"> <li>☑Anhydrous</li> <li>☑Lab grade/ Analytical reagent grade</li> <li>☑Expiration date(3 years from the delivery date)</li> <li>☑Packed in Teflon bottles</li> </ul>				
71	<b>Calcium Chloride</b>	btl	3	2,000.00	6,000.00
	☑AR Grade, 500g				
72	<b>Calcium Chloride Dihydrate</b>	btl	3	2,000.00	6,000.00
	<ul style="list-style-type: none"> <li>☑Branding the chemical to be purchase is following the protocol set for the project's protocol and standards</li> <li>☑Chemical must be plant tissue culture tested for at least 20 years</li> <li>☑ISO complaint</li> <li>☑ACS REAG</li> <li>☑PH EUR</li> <li>☑meets USP Standards</li> <li>☑Bioreagent suitable for cell culture</li> <li>☑500g</li> </ul>				
73	<b>Calcium Phosphate</b>	btl	1	1,500.00	1,500.00
	<ul style="list-style-type: none"> <li>☑Analytical Grade</li> <li>☑500 G bottle</li> </ul>				
74	<b>Caspase 3 polyclonal antibody, unconjugated</b>	Vial	1	39,000.00	39,000.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Reactive to Human, Mouse, Rat</li> <li>☑Host/Isotype: Rabbit / IgG</li> <li>☑Concentration: 0.5 mg/mL</li> <li>☑Vial of at least 100uL/ug</li> <li>☑unconjugated</li> </ul>				
75	<b>Cell Counting Dye</b>	btl	1	4,150.00	4,150.00



	<ul style="list-style-type: none"> <li><input type="checkbox"/>Molecular biology grade</li> <li><input checked="" type="checkbox"/>Suitable for all types of cell lines</li> <li><input checked="" type="checkbox"/>Microscopic counting or machine counting compatible</li> <li><input checked="" type="checkbox"/>Colorimetric detection method</li> <li><input checked="" type="checkbox"/>Sufficient for at least 750 counts (10 µl/count)</li> <li><input checked="" type="checkbox"/>Contains at least 0.4% in 0.81% sodium chloride and 0.06% potassium phosphate dibasic solution</li> <li><input checked="" type="checkbox"/>Bottle of 100mL, sterile filtered"</li> </ul>				
76	<b>Cell Culture Dissociation Reagents</b>	btl	1	9,100.00	9,100.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>Molecular biology grade</li> <li><input checked="" type="checkbox"/>Suitable for all types of adherent cell lines</li> <li><input checked="" type="checkbox"/>EDTA chelators, free of animal-derived components</li> <li><input checked="" type="checkbox"/>No inhibitors needed to deactivate activity</li> <li><input checked="" type="checkbox"/>Liquid form</li> <li><input checked="" type="checkbox"/>Tested for In vitro bioassay</li> <li><input checked="" type="checkbox"/>No phenol red</li> <li><input checked="" type="checkbox"/>Bottle of 500mL</li> </ul>				
77	<b>Centrifuge (Conical) Tubes, 15mL Capacity</b>	pack	6	950.00	5,700.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>With graduations and marking spot.</li> <li><input checked="" type="checkbox"/>Screwcap (plugseal)</li> <li><input checked="" type="checkbox"/>Sterile. RNase-/DNase-free.</li> <li><input checked="" type="checkbox"/>Non-pyrogenic</li> <li><input checked="" type="checkbox"/>Polyethylene terephthalate (PET) material</li> <li><input checked="" type="checkbox"/>At least 3600 centrifugal force (x g)</li> <li><input checked="" type="checkbox"/>Pack of 50 Tubes</li> </ul>				
78	<b>Centrifuge (Conical) Tubes, 50mL Capacity</b>	pack	6	1,050.00	6,300.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>With graduations and marking spot.</li> <li><input checked="" type="checkbox"/>Screwcap (plugseal)</li> <li><input checked="" type="checkbox"/>Sterile. RNase-/DNase-free.</li> <li><input checked="" type="checkbox"/>Non-pyrogenic</li> <li><input checked="" type="checkbox"/>Polyethylene terephthalate (PET) material</li> <li><input checked="" type="checkbox"/>At least 3600 centrifugal force (x g)</li> <li><input checked="" type="checkbox"/>Pack of 25 Tubes</li> </ul>				
79	<b>Cesium Fluoride, at least 500g/btl.</b>	btl	1	2,375.00	2,375.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>Anhydrous</li> <li><input checked="" type="checkbox"/>Lab grade/ analytical reagent grade</li> <li><input checked="" type="checkbox"/>Expiration date(3 years from the delivery date)</li> <li><input checked="" type="checkbox"/>Packed in Teflon bottles</li> </ul>				
80	<b>Chemiluminescence reagent</b>	pack	1	7,100.00	7,100.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>Detection level: Low-picogram to high-femtogram</li> <li><input checked="" type="checkbox"/>HRP (Horseradish Peroxidase) Substrate; 2°: 1:20-100K (10-50ng/mL), 1°: 1:1K (0.2- 1µg/mL)</li> <li><input checked="" type="checkbox"/>Pack of 20mL</li> </ul>				
81	<b>Cloth bag, pouch type</b>	pc	75	40.00	3,000.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>9x7 inch, preferably cream color</li> </ul>				
82	<b>Cobalt Chloride, at least 500g/btl.</b>	btl	1	8,000.00	8,000.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>Anhydrous</li> <li><input checked="" type="checkbox"/>Lab grade/ Analytical reagent grade</li> <li><input checked="" type="checkbox"/>Expiration date(3 years from the delivery date)</li> <li><input checked="" type="checkbox"/>Packed in Teflon bottles</li> </ul>				
83	<b>Cryogenic tube with screw and cap</b>	pack	1	22,550.00	22,550.00
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/>volume 5 mL, with external thread, self-standing, RNase and DNase free, sterile, 1000 EA per pack</li> </ul>				
84	<b>Culture Tube, 70 mL capacity</b>	boxes	2	14,850.00	29,700.00





	<ul style="list-style-type: none"> <li>☑ Rimless</li> <li>☑ Borosilicate glass</li> <li>☑ 25x200mm</li> <li>☑ Round-bottom, 50pcs/box</li> </ul>				
85	<b>DAPI Fluorescent Stain</b>	pack	1	16,000.00	16,000.00
	<ul style="list-style-type: none"> <li>☑ Molecular Biology grade</li> <li>☑ Mammalian cell culture suitable</li> <li>☑ Cell-Impermeant</li> <li>☑ Sub Cellular Localization: Nucleus</li> <li>☑ Excitation/Emission: 360/460</li> <li>☑ Pack of 6 bottles x 2.5mL per bottle</li> </ul>				
86	<b>Dessicator, Glass</b>	pc	2	14,000.00	28,000.00
	☑ Dessicator, Glass, 300mm (12")				
87	<b>Dextrose, Powder, AR, 250g/btl</b>	btl	1	6,000.00	6,000.00
88	<b>Dial Caliper</b>	pc	2	3,800.00	7,600.00
	<ul style="list-style-type: none"> <li>☑ Dial face scales in Decimal Inch (black) and Metric (red).</li> <li>☑ Hardened stainless steel throughout.</li> <li>☑ Inside, outside, step and depth measurement.</li> <li>☑ Raised sliding surface prevents wear and defacement of graduations.</li> <li>☑ Covered, stainless steel rack.</li> <li>☑ Ranges available: 6"/150mm, 8"/200mm, 12"/300mm</li> <li>☑ Graduation: .001"/.02mm</li> <li>☑ Shock Proof: Shock-Proof offers increased accuracy over standard gear configurations. It is equipped with a dual heavy duty springs to control anti-backlash. Backlash is the amount of clearance between mated gear teeth in the caliper controls that prevents the gear teeth from jamming. The shock proof mechanism will keep our caliper for years of continuous use</li> </ul>				
89	<b>Digital thermometer with thermocouple</b>	pc	1	12,000.00	12,000.00
	☑ Thermometer Advanced (Highly accurate thermometer (+/- 0.3% rdg. +1 C) accepts any type K or J thermocouple probes.				
90	<b>Digital Thermostatic Water Bath</b>	pc	1	14,900.00	14,900.00
	☑ Digital Thermostatic Water Bath with 1 Chamber, 3L Capacity, RT to 100°C, 300W Heating Power, 0.1°C				
91	<b>Digital Ultrasonic Bath</b>	pc	1	14,500.00	14,500.00
	<ul style="list-style-type: none"> <li>☑ at least 3L, Inner tank size: 240*140*100mm</li> <li>☑ Product size: 265*160*225mm-delete, Heating</li> <li>☑ Temperature: 20~80, Packing size: 340*245*300mm-delete</li> </ul>				
92	<b>Digital Weighing Scale, 50kg</b>	set	1	5,000.00	5,000.00
	<ul style="list-style-type: none"> <li>☑ 1g accuracy</li> <li>☑ maximum of 50 kg</li> <li>☑ materials: metal</li> </ul>				
93	<b>Dimethyl sulfoxide (DMSO), MBG</b>	btl	1	6,450.00	6,450.00
	<ul style="list-style-type: none"> <li>☑ Molecular Biology Grade (MBG) DMSO</li> <li>☑ Suitable for Molecular Applications</li> <li>☑ Nuclease-Free DMSO</li> <li>☑ DNase-Free, RNase-Free, Protease-Free, Phosphatase-Free</li> <li>☑ Bottle of at least 500mL</li> </ul>				
94	<b>Dimethyl sulfoxide, Analytical reagent</b>	L	2	2,500.00	5,000.00
95	<b>Disodium Hydrogen Phosphate Heptahydrate, AR, 500g/btl</b>	btl	3	3,000.00	9,000.00
96	<b>Dissecting Kit</b>	pack	2	1,100.00	2,200.00



	☐Dissecting kit (scalpel, scissors, large forceps, fine forceps, magnifying glass, and pins)				
97	<b>Dry Heat Sterilizer, at least 28L</b>	pc	2	9,000.00	18,000.00
	☐Product size: 265*160*225mm-delete, Heating temperature: 20~80, Packing size: 340*245*300mm-delete				
98	<b>Erlenmeyer Flask, Glass, 1L</b>	pc	1	3,000.00	3,000.00
99	<b>Erlenmeyer Flask, Glass, 250mL</b>	pc	26	400.00	10,400.00
	☐Material: Borosilicate Glass ☐Good Quality				
100	<b>Erlenmeyer Flask, Glass, 500mL</b>	pcs	24	1,000.00	24,000.00
	☐500ml capacity, borosilicate glass				
101	<b>Ethanol</b>	gallons	20	660.00	13,200.00
	☐95% solution, 1 gallon				
102	<b>Ethanol</b>	btls	11	2,000.00	22,000.00
	☐AR, at least 95%v/v, 4L				
103	<b>Ethanol</b>	btl	1	2,500.00	2,500.00
	☐Analytical Reagent Grade, Absolute, 2.5L per bottle				
104	<b>Ethyl Acetate</b>	btl	4	1,980.00	7,920.00
	☐Analytical Reagent Grade, 2.5L per bottle				
105	<b>Ethyl Acetate</b>	btl	1	3,100.00	3,100.00
	☐Analytical Reagent Grade, 2.5L per bottle				
106	<b>Ferrous Sulphate</b>	btl	1	2,500.00	2,500.00
	☐Analytical Grade ☐500 G bottle				
107	<b>Fetal/Foetal Bovine Serum (FBS)</b>	btl	4	20,000.00	80,000.00
	☐Cell culture: mammalian cell culture suitable ☐Certified Purity or Quality Grade ☐Heat inactivated ☐Endotoxin Level: ≤5 EU/mL ☐Hemoglobin level: ≤15 mg/dL ☐100 mL per bottle ☐Species: Cattle/Bovine				
108	<b>Filter Paper</b>	box	5	600.00	3,000.00
	☐Filter Paper No.1 ☐Qualitative Circles 125mm (12.5cm) ☐Qty/box: 100 pieces per box ☐Porosity: Medium ☐Flow Rate: Medium				
109	<b>Filter Paper, 12.5 cm. Ashless 2.5um pore size, at least 100 pcs per box</b>	boxes	10	1,150.00	11,500.00
110	<b>Firing Cotton</b>	pc	2	590.00	1,180.00
	☐Part No: 3K-FC ☐Quantity: 1 Packet of 200 threads (Per Kit), 1 Packet of 1000 threads (10 per bundle) (Sold Separately) ☐Compatibility: Automatic Bayonet Vessel / Manual Bayonet Vessel ☐Application: Used to ignite the sample in the CAL3K Vessel.				
111	<b>Firing Wire</b>	pc	2	525.00	1,050.00
	☐Part No: 3K-4-FW ☐Quantity: 1 Packet of 5 wires (Per Kit & Sold Separately) ☐Compatibility: Automatic Bayonet Vessel / Manual Bayonet Vessel ☐Application: Used to ignite the sample in the CAL3K Vessel.				
112	<b>Funnel, Glass, 50mm</b>	pc	1	1,000.00	1,000.00
113	<b>Glacial Acetic Acid</b>	btl	3	3,500.00	10,500.00



	<ul style="list-style-type: none"> <li>☑Analytical Reagent grade 2.5L per bottle</li> </ul>				
114	<b>Glass Burette</b>	pc	1	5,000.00	5,000.00
	<ul style="list-style-type: none"> <li>☑50 mL capacity, with glass stopcock</li> </ul>				
115	<b>Glass Slides</b>	box	40	100.00	4,000.00
	<ul style="list-style-type: none"> <li>☑Glass Slide</li> <li>☑72 pcs/box</li> <li>☑Clear Glass 25.4x76.2mm ( 1"x3"), 1.2mm Thick</li> </ul>				
116	<b>Gloves, Nitrile, Medium</b>	box	15	500.00	7,500.00
	<ul style="list-style-type: none"> <li>☑Glove Type: Chemical Resistant Disposable Gloves</li> <li>☑Glove Material: Nitrile</li> <li>☑Powder-Free</li> <li>☑1 box of 100 or 50 pairs</li> <li>☑Food Safe</li> <li>☑Size: Medium</li> </ul>				
117	<b>Gloves, Nitrile, Small</b>	box	25	500.00	12,500.00
	<ul style="list-style-type: none"> <li>☑box or 100-50 pairs, small</li> <li>☑natural rubber latex-free, powderless</li> <li>☑micro grip</li> </ul>				
118	<b>Glycerol</b>	btl	1	8,450.00	8,450.00
	<ul style="list-style-type: none"> <li>☑Molecular biology grade, ≥99.0% assay quality</li> <li>☑Suitable for cell culture, insect cell culture, and electrophoresis</li> <li>☑Dnase-free, Rnase-free, NICKase-free, and protease-free</li> <li>☑Liquid form</li> <li>☑Bottle of 500mL</li> </ul>				
119	<b>Glycerol-based liquid fluorescent mounting medium</b>	pack	1	22,800.00	22,800.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For cellular fluorescent imaging</li> <li>☑Applied directly to fluorescently labeled cells or tissue samples on microscope slides</li> <li>☑Pack of at least 5 vials with <b>at least 2mL per vials</b></li> </ul>				
120	<b>Glycine</b>	btl	3	7,400.00	22,200.00
	<ul style="list-style-type: none"> <li>☑Molecular biology, ≥99.0% assay quality</li> <li>☑Suitable for protein analysis, SDS-PAGE and Western blot</li> <li>☑DNases and Rnases free</li> <li>☑Phosphatases and proteases free</li> <li>☑Crystalline form</li> <li>☑Bottle of at least 500g</li> </ul>				
121	<b>Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488-conjugated</b>	Vial	1	18,690.00	18,690.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑Reactive to Mouse</li> <li>☑Alexa Fluor® 488 conjugate</li> <li>☑Liquid form</li> <li>☑Concentration is 2 mg/mL</li> <li>☑Vial of at least <b>1mg-delate at least 500ug</b></li> </ul>				
122	<b>Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 647-conjugated, in liquid form</b>	Vial	1	23,900.00	23,900.00



	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑Reactive to Mouse</li> <li>☑Alexa Fluor® 647 conjugate</li> <li>☑Liquid form</li> <li>☑Concentration is 2 mg/mL</li> <li>☑Vial of at least 1mg-delete</li> </ul>				
123	<b>Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP-conjugated, in liquid form</b>	Vial	2	20,100.00	40,200.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Host/Isotype: Goat / IgG</li> <li>☑Concentration: 1.5mg/mL</li> <li>☑Vial of at least 1mg-delete</li> </ul>				
124	<b>Goat anti-Rabbit IgG (H+L) Secondary Antibody, HRP-conjugated, in liquid form</b>	Vial	2	12,300.00	24,600.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Host/Isotype: Goat / IgG</li> <li>☑Concentration: 1mg/mL</li> <li>☑Vial of at least 1mg-delete</li> </ul>				
125	<b>Grade 1 Qualitative Filter Paper, Diameter: 12.5cm, Pore Size: 11µm, at least 100 pcs per pack</b>	packs	3	700.00	2,100.00
126	<b>Graduated Cylinder, Glass, 1000mL (2L)-delete</b>	pc	2	1,500.00	3,000.00
	☑Material: Borosilicate Glass☑Good Quality				
127	<b>Graduated Cylinder, Glass, 100mL</b>	pcs	2	400.00	800.00
	☑100mL capacityType 1, Class A Borosilicate Glass				
128	<b>Graduated Cylinder, Glass, 250mL</b>	pc	7	600.00	4,200.00
	☑Material: Borosilicate Glass☑Good Quality				
129	<b>Graduated Pitcher, at least 2 liter capacity</b>	pc	1	1,000.00	1,000.00
130	<b>Green 0.1 um Fluorescent Polystyrene microspheres</b>	btl	1	10,000.00	10,000.00
	☑Green 0.1 um Flourescent Polystyrene microspheres (1 ml)/				
131	<b>HEPES (N-2-hydroxyethylpiperazine-N-2-ethane sulfonic acid) buffer solution</b>	btl	1	7,930.00	7,930.00
	<ul style="list-style-type: none"> <li>☑For use with mammalian cell and tissue extracts</li> <li>☑For molecular biology, analytical grade</li> <li>☑Liquid form</li> <li>☑1M concentration</li> <li>☑Sterile filtered</li> <li>☑Bottle of 100mL</li> </ul>				
132	<b>Hexane 2.5L</b>	btl	7	2,500.00	17,500.00
	☑Analytical Reagent Grade 2.5L per bottle				
133	<b>High Precision Magnetic Pocket Transit Geological Compass Scale</b>	pc	2	890.00	1,780.00



	<ul style="list-style-type: none"> <li>☑0-360 degrees</li> <li>☑good finish, clear printing.</li> <li>☑Small and exquisite, lightweight and easy to carry</li> <li>☑The magnetic pointer is strong and the scale is accurate</li> <li>☑Material: Plastic</li> <li>☑Color: preferably green</li> <li>☑Size: (L x W x H) 8.3*7*3.1cm / 3.27*2.76*1.22inch-delete</li> <li>☑Needle-lock to protect the compass assembly during transit and gear driven adjustable declination to allow for simple compensated bearings.</li> <li>☑Features include a compass bubble level, clinometer level, sighting mirror with lubber line and sighting hole, induction dampened needle, and adjustable sighting points.</li> </ul>				
134	<b>High Precision Stainless Steel Digital Vernier Caliper</b>	pc	3	2,500.00	7,500.00
	☑6 inches; 0.01-0.025 mm accuracy				
135	<b>Hydrophilic Membrane Filter,</b>	per 100 pcs.	1	20,000.00	20,000.00
	<ul style="list-style-type: none"> <li>☑Pore size: 0.22 um (micron)</li> <li>☑material: PTFE</li> <li>☑size range: 13 - 25 mm diameter</li> <li>☑HPLC certified - for low levels of UV-absorbing extractables</li> </ul>				
136	<b>In Situ Cell Death Detection Kit, Fluorescein</b>	pack	1	77,500.00	77,500.00
	<ul style="list-style-type: none"> <li>☑Suitable for mammalian cell culture</li> <li>☑Molecular biology grade</li> <li>☑For the detection and quantification of apoptosis at the single-cell level, based on labeling of DNA strand breaks; analysis by fluorescence microscopy or flow cytometry</li> <li>☑Sufficient for at least 50 tests</li> <li>☑Kit of at least 50 tests/assays</li> </ul>				
137	<b>Induction Motor</b>	pc	1	8,000.00	8,000.00
	☑Voltages - 220 to 240v,60hz,.37kw, 0.5HP				
138	<b>Inoculating Loop Stainless Steel</b>	packs	2	1,200.00	2,400.00
	☑10pcs/pack 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology				
139	<b>Insulin, human recombinant</b>	Vial	1	25,000.00	25,000.00
	<ul style="list-style-type: none"> <li>☑cell culture   mammalian: suitable</li> <li>☑sterile filtered of at least 0.2 μm</li> <li>☑≥27.5 units/mg potency</li> <li>☑dry powder, 100mg</li> </ul>				
140	<b>Lab Centrifuge, 4000rpm</b>	pc	1	14,900.00	14,900.00
	☑80-2-delete Lab Centrifuge, 4000rpm				
141	<b>Lab Gown Long Sleeves L</b>	pcs	5	500.00	2,500.00
	☑Lab Coat High-quality White☑Size- Large; long sleeves				
142	<b>Lab Gown Long Sleeves M</b>	pcs	3	500.00	1,500.00
	<ul style="list-style-type: none"> <li>☑Lab Coat High-quality White</li> <li>☑Long Sleeves</li> <li>☑Medium size</li> </ul>				
143	<b>Laboratory film</b>	roll	5	2,000.00	10,000.00
	☑4 in. x 125 feet/roll, flexible, self-sealing, odorless, moisture-resistant, thermoplastic semi-transparent and practically colorless				
144	<b>Laboratory Hot Plate Magnetic Stirrer, 1L, 0-1600 RPM</b>	pc	1	14,500.00	14,500.00



	<ul style="list-style-type: none"> <li>☑ Lab hotplate magnetic stirrer, capable of heating and mixing liquid at the same time.</li> <li>☑ The hot plate stirrer comes with 12*12cm aluminum plate, max. stirring capacity up to 1L, adjustable temperature 380 °C and variable speed 0-1600 rpm with two separate knob, convenient use, fast heating and high durability.</li> </ul>				
145	<b>Laboratory Weighing Boats, 500pcs/pack</b>	packs	4	1,000.00	4,000.00
	☑ 3.5 x 7.25 x 3.2"; 2.49lbs, 100ml				
146	<b>Labware Detergent or Laboratory Dishwashing Liquid</b>	btl	11	2,500.00	27,500.00
	<ul style="list-style-type: none"> <li>☑ Suitable for manual, ultrasonic, and machine washing</li> <li>☑ Completely biodegradable</li> <li>☑ Free of phosphate, chlorine, enzyme, and EDTA</li> <li>☑ Contains anionic and cationic surfactants</li> <li>☑ 5 liters per bottle</li> </ul>				
147	<b>Latex Disposable Gloves Powder Free (Medium), 100 pcs or 50 pairs per box</b>	boxes	6	600.00	3,600.00
148	<b>LB Broth</b>	btl	5	1,150.00	5,750.00
149	<b>Lemongrass Essential Oil</b>	btl	1	2,000.00	2,000.00
	☑ Lemongrass Oil ( <i>Cymbopogon citratus</i> , 30 ml)				
150	<b>Lemongrass essential Oil, 15mL</b>	btl	1	2,000.00	2,000.00
	☑ Lemongrass Oil ( <i>Cymbopogon flexuosus</i> , 15 ml)				
151	<b>Lens Tissues, 25 Sheets per Booklet, 5 Booklets</b>	packs	5	800.00	4,000.00
152	<b>Lithium Bromide, 500g/bottle</b>	btl	1	1,250.00	1,250.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
153	<b>Lithium Chloride, 500g/bottle</b>	btl	1	7,000.00	7,000.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
154	<b>Lithium Iodide, 500g/bottle</b>	btl	1	1,050.00	1,050.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
155	<b>Low Autofluorescence Immersion Oil, n = 1.518, Type F, 30 mL</b>	btls	2	6,000.00	12,000.00
156	<b>Magnesium chloride, MgCl<sub>2</sub></b>	btl	1	3,000.00	3,000.00
	<ul style="list-style-type: none"> <li>☑ 1kg per bottle</li> <li>☑ colorless crystalline solid</li> <li>☑ Properties: <ul style="list-style-type: none"> <li>◀ Quality Level: 300</li> <li>◀ Grade: anhydrous</li> <li>◀ Assay: ≥98%</li> <li>◀ Form: powder</li> <li>◀ Impurities: ≤0.5% Insolubles</li> <li>◀ bp: 1412 °C/1 atm (lit.)</li> <li>◀ mp: 714 °C (lit.)</li> <li>◀ Density: 2.32 g/mL at 25 °C (lit.)</li> </ul> </li> </ul>				
157	<b>Magnesium Nitrate, 500g/bottle</b>	btl	1	1,947.00	1,947.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
158	<b>Malt Yeast Extract Agar</b>	btl	1	1,578.00	1,578.00



	<ul style="list-style-type: none"> <li>☑Applications: Yeasts and molds selective enumeration, yeasts and molds selective isolation</li> <li>☑pH: 4.7±0.2 at 25°C</li> <li>☑solubility: without rests</li> <li>☑Appearance: fine powder</li> <li>☑100 grams</li> </ul>				
159	<b>Manganese Sulphate</b>	btl	1	2,000.00	2,000.00
	<ul style="list-style-type: none"> <li>☑Analytical Grade</li> <li>☑500 G bottle</li> </ul>				
160	<b>Methanol 2.5L</b>	btl	3	1,200.00	3,600.00
	☑Analytical Reagent Grade 2.5L per bottle				
161	<b>Methanol or Methyl alcohol</b>	btl	4	1,950.00	7,800.00
	☑HPLC Grade, 2.5L per bottle				
162	<b>Micro pipette, with stand, P10 (0.5-10ul)</b>	unit	1	8,060.00	8,060.00
163	<b>Micro pipette, with stand, P100 (10-100ul)</b>	unit	1	8,060.00	8,060.00
164	<b>Micro pipette, with stand, P1000 (200-1000ul)</b>	unit	1	8,060.00	8,060.00
165	<b>Microcentrifuge Tube, 0.5mL, Attached Snap Cap, Clear/ Natural</b>	unit	3	1,200.00	3,600.00
166	<b>Microcentrifuge Tube, 1.5mL, Attached Snap Cap, Clear/ Natural</b>	unit	6	700.00	4,200.00
167	<b>Microcentrifuge Tubes (1.5mL Capacity)</b>	pack	3	1,000.00	3,000.00
	<ul style="list-style-type: none"> <li>☑1.5mL Capacity</li> <li>☑clear</li> <li>☑safe-lock</li> <li>☑pack of 1000</li> <li>☑autoclavable</li> </ul>				
168	<b>Microcentrifuge Tubes (2.0mL Capacity)</b>	pack	3	2,000.00	6,000.00
	<ul style="list-style-type: none"> <li>☑2.0mL Capacity</li> <li>☑clear</li> <li>☑safe-lock</li> <li>☑pack of 1000</li> <li>☑autoclavable</li> </ul>				
169	<b>Micropipette Tip, 10 uL</b>	pack	5	600.00	3,000.00
	<ul style="list-style-type: none"> <li>☑10 uL-capacity</li> <li>☑Standard tip, graduated</li> <li>☑Autoclavable</li> <li>☑Pack of 1000 tips</li> </ul>				
170	<b>Microscope Eyepiece Reticle or Ocular Micrometer</b>	pc	1	17,500.00	17,500.00
	☑Diameter, 24mm, 0.01 mm Division and Stage Micrometer set for calibration with 0.01 mm division				
171	<b>Microscope Slides and cover slips</b>	pieces	2	370.00	740.00
	☑Pre-Cleaned Blank slides with 100 22 x 22 mm square Cover Slip				
172	<b>Microtube Storage Racks</b>	pack of 10's	1	5,000.00	5,000.00
	<ul style="list-style-type: none"> <li>☑48 Place microtube and cryo-vial storage system</li> <li>☑Clear lid</li> <li>☑Fully autoclavable (122oC) and freezable (-190oC)</li> <li>☑Holds 1.5, 1.7, 2.0 ml microtubes</li> <li>☑Stackable</li> <li>☑can incorporate ice with frozen samples on bench</li> </ul>				
173	<b>Mini Dry Bath</b>	pc	1	14,500.00	14,500.00
	240V, 100°C, Digital, 4 x 6 x 4.5"-delete				
174	<b>Mortar and Pestle (small)</b>	pc	1	300.00	300.00
175	<b>MTT (3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyltetrazolium Bromide)</b>	Vial	1	16,700.00	16,700.00



	<ul style="list-style-type: none"> <li>☑Molecular biology grade</li> <li>☑For assessing cell viability as a function of redox potential</li> <li>☑Solid form</li> <li>☑Vial of at least 1g</li> </ul>				
176	<b>N95 Particulate Filter Respirator and Surgical Mask</b>	box	1	10,000.00	10,000.00
	<ul style="list-style-type: none"> <li>☑NIOSH and FDA approved</li> <li>☑Filters 99% of particles down to 0.1 microns</li> <li>☑50pcs/box</li> <li>☑Free-size</li> </ul>				
177	<b>N-octanol</b>	btl	1	1,616.00	1,616.00
	<ul style="list-style-type: none"> <li>☑Technical grade</li> <li>☑Purity: 99%</li> <li>☑5 liters</li> </ul>				
178	<b>Nutrient Agar, 500g</b>	btl	7	5,455.00	38,185.00
179	<b>Oil Red O, Biological Stain</b>	btl	1	7,500.00	7,500.00
	<ul style="list-style-type: none"> <li>☑Cell culture: mammalian suitable</li> <li>☑analytical grade</li> <li>☑powder; 100 g per bottle</li> <li>☑staining and visualizing general localization of fats</li> </ul>				
180	<b>Open Reel Measuring Tape</b>	pc	2	2,000.00	4,000.00
	<ul style="list-style-type: none"> <li>☑Fiberglass</li> <li>☑Stainless steel frame</li> <li>☑Specification: 30M/50M/100M (98ft/164ft/328ft)</li> <li>☑Material: Stainless steel</li> <li>☑ABS Unit: Metric/Imperial</li> <li>☑Dimension: 30M: approx. 25x17x2cm 50M: approx. 31x18x2.5cm 100M: approx. 31x18x2.5cm</li> <li>☑Rugged, Impact-resistant</li> <li>☑Plating ruler tape/nylon ruler tape, with good clarity and wear-resistant.</li> <li>☑Features Cone Tip Stake for Accurate Measurements and Stability.</li> <li>☑Comes with a convenient carry handle.</li> <li>☑Easy to read Metric and Imperial graduation</li> </ul>				
181	<b>Ordinary Vernier Caliper</b>	pcs	5	110.00	550.00
	<ul style="list-style-type: none"> <li>☑Plastic material</li> <li>☑Up to 150mm measuring range</li> <li>☑accuracy atleast 1mm</li> <li>☑double scale measurement</li> <li>☑no battery</li> <li>☑Ultra precision and effortless operation.</li> </ul>				
182	<b>Paraformaldehyde</b>	btl	1	8,750.00	8,750.00
	<ul style="list-style-type: none"> <li>☑Reagent or analytical grade</li> <li>☑For use in the preparation of formalin fixatives for tissues or cells when the samples are to be used in fluorescence studies</li> <li>☑Crystalline form</li> <li>☑Bottle of 25g</li> </ul>				
183	<b>Peptone</b>	btl	2	5,000.00	10,000.00
	<ul style="list-style-type: none"> <li>☑500g for bacteriological work</li> </ul>				
184	<b>Perilipin 1 Polyclonal Antibody, unconjugated, in liquid form</b>	Vial	1	38,640.00	38,640.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Host/Isotype: Rabbit / IgG</li> <li>☑Reactive to mouse, rat</li> <li>☑Concentration: 1 mg/mL</li> <li>☑Vial of at least 100uL-delete</li> </ul>				





185	<b>Petri dish</b>	pc	50	200.00	10,000.00
	<ul style="list-style-type: none"> <li>☑comprise a lid and base</li> <li>☑high clarity glass</li> <li>☑borosilicate glass</li> <li>☑size: <ul style="list-style-type: none"> <li>◀ Cover int. dia mm : 95</li> <li>◀ Base ext. dia mm: 94</li> <li>◀ Size: 100 x 20</li> </ul> </li> </ul>				
186	<b>Petroleum Ether, AR</b>	gallon	1	7,000.00	7,000.00
187	<b>pH Meter pen type</b>	pcs	2	2,500.00	5,000.00
	☑0.1 pH resolution☑water-resistant/proof				
188	<b>Phenolphthalein Indicator Powder</b>	btl	1	1,000.00	1,000.00
	☑AR grade, 125 grams				
189	<b>PI-3 Kinase p110α antibody, unconjugated, in liquid form</b>	Vial	1	41,400.00	41,400.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Reactive to Human, Mouse, Rat</li> <li>☑Host/Isotype: Rabbit / IgG</li> <li>☑Vial of at least 100uL-delete</li> </ul>				
190	<b>Picric Acid, 1Li./Bottle</b>	btls	1	7,000.00	7,000.00
	<ul style="list-style-type: none"> <li>☑Saturated, Aqueous solution</li> <li>☑Physical form: Liquid</li> <li>☑Color: Yellow</li> <li>☑Concentration or Composition Notes: <ul style="list-style-type: none"> <li>☑Approximately 1.2% (w/v)</li> <li>☑Molecular Weight (g/mol): 229.104</li> </ul> </li> </ul>				
191	<b>Pikovskaya Agar, Powder, 500g/btl</b>	btl	1	30,500.00	30,500.00
	☑suitable for microbiological studies				
192	<b>Pipette Carousel Stand (17.32 x 10.24 x 4.33 inches; 1 Pound)</b>	pc	1	6,800.00	6,800.00
	☑NT-STD Pipette Carousel Stand (17.32 x 10.24 x 4.33 inches; 1 Pound)				
193	<b>Pipette Tips (20 ul)</b>	packs	5	500.00	2,500.00
	<ul style="list-style-type: none"> <li>☑20 ul capacity</li> <li>☑autoclavable</li> <li>☑100 pcs per pack</li> </ul>				
194	<b>Plastic cup with cover</b>	pack	1	165.00	165.00
	<ul style="list-style-type: none"> <li>☑30 ml capacity</li> <li>☑same size as fast food gravy container</li> <li>☑round shape</li> <li>☑transparent</li> <li>☑at least 60pcs cup in one pack</li> </ul>				
195	<b>Portable pH Meter with Temperature probe</b>	pc	1	14,000.00	14,000.00
196	<b>Potassium Acetate 500g per bottle</b>	btl	1	2,000.00	2,000.00
	<ul style="list-style-type: none"> <li>☑Anhydrous</li> <li>☑Lab grade/ Analytical reagent grade</li> <li>☑Expiration date(3 years from the delivery date)</li> <li>☑Packed in Teflon bottles</li> </ul>				
197	<b>Potassium Bromide 500g per bottle</b>	btl	1	6,000.00	6,000.00
	<ul style="list-style-type: none"> <li>☑Anhydrous</li> <li>☑Lab grade/ Analytical reagent grade</li> <li>☑Expiration date(3 years from the delivery date)</li> <li>☑Packed in Teflon bottles</li> </ul>				
198	<b>Potassium Carbonate 500g per bottle</b>	btl	1	2,000.00	2,000.00



	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
199	<b>Potassium Chloride</b>	kg	1	1,500.00	1,500.00
	<ul style="list-style-type: none"> <li>☑ Chemical must be plant tissue culture tested for at least 20 years</li> <li>☑ ISO complaint</li> <li>☑ ACS REAG</li> <li>☑ PH EUR</li> <li>☑ meets USP Standards</li> <li>☑ Bioreagent suitable for cell culture</li> </ul>				
200	<b>Potassium chloride (KCl) solution</b>	btl	1	5,090.00	5,090.00
	<ul style="list-style-type: none"> <li>☑ Molecular biology grade, Rnase-free</li> <li>☑ For use with mammalian cell and tissue extracts</li> <li>☑ Liquid form</li> <li>☑ 2M concentration</li> <li>☑ Bottle of 100mL</li> </ul>				
201	<b>Potassium Chloride, AR, 1000g</b>	btl	3	2,500.00	7,500.00
202	<b>Potassium Chromate 500g per bottle</b>	btl	1	1,050.00	1,050.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
203	<b>Potassium dihydrogen phosphate, AR, 500g</b>	btl	1	2,500.00	2,500.00
204	<b>Potassium Flouride 500g per bottle</b>	btl	1	1,832.00	1,832.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
205	<b>Potassium Hydroxide</b>	btl	2	4,200.00	8,400.00
	<ul style="list-style-type: none"> <li>☑ CAS 1310-58-3-delete</li> <li>☑ Flakes</li> <li>☑ Analytical Grade</li> <li>☑ 1kg</li> </ul>				
206	<b>Potassium iodide, KI</b>	btl	1	6,000.00	6,000.00
	☑ Analytical reagent grade, powder, 500g/bottle				
207	<b>Potassium Nitrate</b>	kl	1	5,800.00	5,800.00
	<ul style="list-style-type: none"> <li>☑ AR grade</li> <li>☑ Formula: KNO3</li> <li>☑ Molar wt: 101.1032 g/mo</li> <li>☑ 1kg/pack</li> </ul>				
208	<b>Potassium sulfate, K2SO4</b>	btl	4	1,900.00	7,600.00
	☑ Analytical Reagent Grade 2.5L per bottle				
209	<b>Potato Dextrose Agar (PDA), 500 grams</b>	btl	4	4,500.00	18,000.00
210	<b>Potato Starch</b>	btl	3	4,000.00	12,000.00
	<ul style="list-style-type: none"> <li>☑ Analytical Grade</li> <li>☑ 500 G bottle</li> </ul>				
211	<b>Potentiometer</b>	set	1	400.00	400.00



	<ul style="list-style-type: none"> <li>☑Quantity: 25pcs</li> <li>☑Model: 3296W 202 2K Ohm-delete</li> <li>☑Turns: 25 turns</li> <li>☑Power: 0.5W, 1/2W</li> <li>☑Resistive Material: Cermet</li> <li>☑Resistance Tolerance: ±10%</li> <li>☑Mounting Type: Through Hole</li> <li>☑Resistance Change Type: Linear</li> <li>☑Adjustment Type: Top Adjustment</li> <li>☑Storage temperature: -55°C ~ +125°C</li> <li>☑Temperature Coefficient: ±100ppm/°C</li> <li>☑Square Body Size: 9.5x4.8x10mm/0.37"x0.19"x0.39"(L*W*H)-delete</li> </ul>				
212	<b>PPAR<math>\gamma</math> polyclonal antibody, unconjugated</b>	Vial	1	35,800.00	35,800.00
	<ul style="list-style-type: none"> <li>☑Molecular Biology grade</li> <li>☑Suitable for mammalian cell culture</li> <li>☑For Western Blot, IF, ICC, IHC</li> <li>☑Reactive to Human, Mouse, Rat</li> <li>☑Host/Isotype: Rabbit / IgG</li> <li>☑Vial of 100uL</li> </ul>				
213	<b>Propidium iodide - Fluorescent Stains</b>	Vial	1	18,750.00	18,750.00
	<ul style="list-style-type: none"> <li>☑Suitable for mammalian cell culture</li> <li>☑For molecular biology, analytical grade</li> <li>☑Vial of 100mg per vial</li> </ul>				
214	<b>Protease Inhibitor, Complete</b>	btl	1	59,500.00	59,500.00
	<ul style="list-style-type: none"> <li>☑For use with mammalian cell and tissue extracts</li> <li>☑For molecular biology, analytical grade</li> <li>☑Inhibits serine, cysteine, and acid proteases, and aminopeptidases</li> <li>☑Contains AEBSF, Aprotinin, Bestatin, E-64, EDTA, Leupeptin</li> <li>☑Bottle for 10mL cocktail</li> </ul>				
215	<b>Protein A Agarose</b>	btl	1	59,000.00	59,000.00
	<ul style="list-style-type: none"> <li>☑Molecular biology grade</li> <li>☑Suitable for purifying IgG molecules</li> <li>☑Affinity column type</li> <li>☑Supplied as a suspension</li> <li>☑Bottle of at least 5mL</li> </ul>				
216	<b>Protein Standard/Ladder, Pre-stained</b>	pack	1	21,600.00	21,600.00
	<ul style="list-style-type: none"> <li>☑Molecular biology</li> <li>☑Suitable for protein analysis, SDS-PAGE and Western blot</li> <li>☑At least 12 marker ladder, ready-to-use</li> <li>☑3.5 to 260 kDa size range</li> <li>☑Pack of at least 2 vials x 250uL per vial</li> </ul>				
217	<b>PVDF membrane for Western blotting, 8.6 x 13.5 cm</b>	pack	2	41,000.00	82,000.00
	<ul style="list-style-type: none"> <li>☑PVDF-Filter paper sandwich</li> <li>☑Detection methods: Chemiluminescence, Colorimetric</li> <li>☑Pore Size: 0.45<math>\mu</math>m</li> <li>☑Target protein &gt;20 kDa</li> <li>☑Dimension: at least 8.6 x 13.5 cm</li> <li>☑Pack of at least 16 membranes"</li> <li>☑Pre-assembled blotting membrane &amp; filter paper</li> </ul>				
218	<b>PVDF Syringe Filters, Size: 0.2 um/ at least 17mm</b>	pack	1	10,000.00	10,000.00
	<ul style="list-style-type: none"> <li>☑For general biological filtration and of samples where high protein recovery is desired</li> <li>☑Size: 0.2 um/ at least 17mm</li> <li>☑Sterile or autoclavable</li> <li>☑Pack of 1000</li> </ul>				
219	<b>PVDF Syringe Filters, Size: 0.45 um/ at least 17mm</b>	pack	1	10,000.00	10,000.00



	<ul style="list-style-type: none"> <li>☑For general biological filtration and of samples where high protein recovery is desired</li> <li>☑Size: 0.45 <math>\mu</math>m/ at least 17mm</li> <li>☑Sterile or autoclavable</li> <li>☑Pack of 1000</li> </ul>				
220	<b>Reagent Bottle 250mL</b>	pcs	5	400.00	2,000.00
	☑amber colored bottle with HDPE blue screw cap, 250mL				
221	<b>Reagent Bottle 500mL</b>	pcs	10	500.00	5,000.00
	☑Amber colored bottle with HDPE orange screw cap, 500mL				
222	<b>Reagent Bottle</b>	pc	10	300.00	3,000.00
	<ul style="list-style-type: none"> <li>☑With Stopper/Screw Cap</li> <li>☑Material: Glass/Borosilicate Glass</li> <li>☑Color: Clear/Transparent Flask</li> <li>☑Capacity: 2000mL</li> <li>☑Graduation: 1800mL</li> </ul>				
223	<b>Reagent Grade NaOH Pellets, 500g</b>	packs	1	3,000.00	3,000.00
	☑AR grade, pellets, 500 grams				
224	<b>Resealable Plastic Bag, Large</b>	packs	2	500.00	1,000.00
	☑resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack				
225	<b>Resealable Plastic Bag, Medium</b>	packs	3	150.00	450.00
	☑resealable plastic bag, zip lock, 140 mm x 200 mm (5 1/2" x 7 1/2"), 100 pcs per pack				
226	<b>Resealable Plastic Bag, Small</b>	packs	3	100.00	300.00
	☑resealable plastic bag, zip lock, 120 mm x 170 mm (4 1/2" x 7"), 100 pcs per pack				
227	<b>RNA isolation Reagent</b>	btl	1	45,000.00	45,000.00
	<ul style="list-style-type: none"> <li>☑Molecular biology grade</li> <li>☑Suitable for biological isolation from the cultured cell, animal and plant tissue, yeast, virus, and bacteria</li> <li>☑Convenient isolation of RNA, DNA, and protein from the same sample source</li> <li>☑Bottle of at least 200mL</li> </ul>				
228	<b>Scalpel Blade</b>	box	1	280.00	280.00
	☑Stainless steel☑100 blades/box				
229	<b>Scalpel Handle</b>	pcs	2	70.00	140.00
	☑#4, Stainless steel				
230	<b>Sieve no.10 with cover and pan</b>	set	1	10,000.00	10,000.00
	<ul style="list-style-type: none"> <li>☑Sieve No. 10 (8" Sieve, All Brass, Full Height, No. 10 Mesh); Eye opening: 2000 <math>\mu</math>m (0.0787in)</li> <li>☑Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height)</li> <li>☑Sieve Cover (8" Brass Sieve Cover Lid)</li> </ul>				
231	<b>Sieve no.50 with cover and pan</b>	sets	2	11,000.00	22,000.00
	<ul style="list-style-type: none"> <li>☑Sieve No. 50 (8" Sieve, All Brass, Full Height, No. 50 Mesh); Eye opening: 300 <math>\mu</math>m (0.0118in)</li> <li>☑Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height)</li> <li>☑Sieve Cover (8" Brass Sieve Cover Lid)</li> </ul>				
232	<b>Silver</b>	btl	1	15,000.00	15,000.00
	<ul style="list-style-type: none"> <li>☑5 G/bottle</li> <li>☑form: nanopowder (particle size: &gt;100 nm)</li> <li>☑99.5 trace metal basis</li> </ul>				
233	<b>Silver Nitrate, AgNO3</b>	btl	3	15,000.00	45,000.00
	☑Analytical regeant grade, 100g/bottle				
234	<b>Skim Milk</b>	btl	1	5,000.00	5,000.00



	<ul style="list-style-type: none"> <li>☑ Powder form</li> <li>☑ 500 G</li> <li>☑ Suitable for microbiology</li> </ul>				
235	<b>Sodium Bromide, NaBr</b>	btl	1	2,000.00	2,000.00
	<ul style="list-style-type: none"> <li>☑ at least 250g/bottle, AR</li> <li>Chemical property- Sodium bromide is a colorless cubic crystal or white granular powder. It is odorless, and has slightly bitter and briny taste but high toxicity. It is easily soluble in water (at 100 °C, the solubility in 100ml water solubility is 121g), but slightly soluble in alcohol.</li> <li>☑ Specifications: <ul style="list-style-type: none"> <li>◀ Appearance: White, Crystalline Solid</li> <li>◀ Assay: ≥99%</li> <li>◀ Chloride: ≤1.0%</li> <li>◀ Loss on Drying: ≤0.5%</li> <li>◀ Sulfate: ≤0.05%</li> <li>◀ pH value: 6.5~8.5 (5% @72 °F)</li> </ul> </li> </ul>				
236	<b>Sodium Chloride</b>	btl	11	800.00	8,800.00
	☑ Analytical reagent grade, 500g/bottle				
237	<b>Sodium dodecyl sulfate (SDS)</b>	btl	1	27,000.00	27,000.00
	<ul style="list-style-type: none"> <li>☑ Molecular biology grade, at least ≥99.0% assay quality</li> <li>☑ Suitable for protein analysis and electrophoresis</li> <li>☑ Dnase-free and Rnase-free</li> <li>☑ Phosphatase-free and proteases-free</li> <li>☑ Bottle of at least 500g</li> </ul>				
238	<b>Sodium Hydroxide, AR 500G</b>	btls	3	1,200.00	3,600.00
	☑ 500 g/bottle, AR, Pellets				
239	<b>Sodium Hydroxide, Technical Grade, 1KG, Pellets</b>	btls	2	500.00	1,000.00
	☑ Technical grade, pellets, 1 kg				
240	<b>Sodium Iodide at least 500g per bottle</b>	btl	1	1,702.00	1,702.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
241	<b>Sodium Nitrate, at least 500g per bottle</b>	btl	1	527.00	527.00
	<ul style="list-style-type: none"> <li>☑ Anhydrous</li> <li>☑ Lab grade/ Analytical reagent grade</li> <li>☑ Expiration date(3 years from the delivery date)</li> <li>☑ Packed in Teflon bottles</li> </ul>				
242	<b>Stage Micrometer (1 mm ruled with 0.01 mm division, glass slide)</b>	pc	1	4,500.00	4,500.00
	☑ Stage Micrometer, 1mm ruled w/ 0.01mm Div (Glass slide)				
243	<b>Stainless Steel Crucible Tongs</b>	pc	1	1,000.00	1,000.00
	<ul style="list-style-type: none"> <li>☑ 25 cm</li> <li>☑ Stainless Steel</li> </ul>				
244	<b>Stainless Steel Laboratory Microspatula</b>	pieces	12	350.00	4,200.00
245	<b>Stainless Steel Mesh Sieve, #5</b>	pc	1	5,000.00	5,000.00
	☑ #5, 5 mm, 5.04 x 4.84 x 2.17 inches; 4.59 Ounces with cover				
246	<b>Standard Berlese Funnel (Tullgren Funnel)</b>	piece	1	9,500.00	9,500.00



	<ul style="list-style-type: none"> <li>☑Contents:</li> <li>* Funnel</li> <li>* Mesh tray</li> <li>* Mesh lid</li> <li>* 50ml collecting tube</li> <li>* Aluminum housing</li> <li>☑Specifications:</li> <li>* Housing: Length 365mm x Width 365mm x Height 520mm</li> <li>* Funnel: Diameter 340mm x Height 350mm</li> <li>* Mesh tray: Diameter 300mm</li> <li>* Mesh lid: Diameter 335mm</li> <li>* Weight (including frame): 1.55kg</li> </ul>				
247	<b>Standard Buffer solution</b>	btl	1	1,500.00	1,500.00
	☑pH 4, 1000 ml; calibration certificate included				
248	<b>Standard Method Agar (PCA)</b>	btl	6	5,000.00	30,000.00
	☑Plate count Agar, 500g				
249	<b>Standard Size Marble Base Titration Stand</b>	pc	1	2,500.00	2,500.00
	☑Marble base with iron/aluminum stand for buret				
250	<b>Sterile Syringe Filters Nylon 25 mm Diameter 0.45 um Pore Size Individually Packaged 10/pk</b>	packs	9	2,000.00	18,000.00
251	<b>Stirring Rod</b>	pc	12	50.00	600.00
	<ul style="list-style-type: none"> <li>☑Standard Size</li> <li>☑Good Quality</li> <li>☑with rubber policeman</li> </ul>				
252	<b>Strontium Chloride, 500g</b>	btl	1	4,000.00	4,000.00
	<ul style="list-style-type: none"> <li>☑Anhydrous</li> <li>☑Lab grade/ Analytical reagent grade</li> <li>☑Expiration date(3 years from the delivery date)</li> <li>☑Packed in Teflon bottle</li> </ul>				
253	<b>Strontium Nitrate, at least 500 grams per bottle</b>	btl	1	1,050.00	1,050.00
	<ul style="list-style-type: none"> <li>☑Anhydrous</li> <li>☑Lab grade/ Analytical reagent grade</li> <li>☑Expiration date(3 years from the delivery date)</li> <li>☑Packed in Teflon bottle</li> </ul>				
254	<b>Sucrose</b>	btl	2	1,500.00	3,000.00
	☑Analytical Reagent Grade 500g/bottle				
255	<b>Sulfuric acid, H2SO4</b>	btl	1	2,600.00	2,600.00
	☑Concentrated, analytical reagent grade, at least 1.84 sp. gr., 2.5L/bottle				
256	<b>Temperature-Humidity Data Logger</b>	piece	1	2,000.00	2,000.00
	<ul style="list-style-type: none"> <li>☑Portable and hand-held</li> <li>☑16000 data recording capacity.</li> <li>☑Adjustable record interval: 10s~24hour</li> <li>☑Multi-function LCD</li> <li>☑Internal NTC temperature thermal sensor with optional external sensor</li> <li>☑Data export in PDF/EXCEL via data management software</li> <li>☑Selectable °F/°C temperature unit</li> <li>☑Size: approx. 84 (L) x 44(W) x 20 (H) mm</li> <li>☑Good quality</li> <li>☑Durable</li> </ul>				
257	<b>Test Tube (Medium), Glass, 15 x 125mm</b>	pc	50	250.00	12,500.00
258	<b>Test Tube (Small), Glass, 12 x 75mm</b>	pc	50	200.00	10,000.00
	☑12x75 mm glass (borosilicate)				
259	<b>Test Tube Rack, 12 x 4 for 13 x 100mm test tubes</b>	pcs	3	800.00	2,400.00
	☑Stainless steel				
260	<b>Test Tube Rack, 13mm, 90 placer</b>	pc	3	1,500.00	4,500.00



	☑Propylene, 13mm diameter hole, 90 placer				
261	<b>Test Tube Rack, 20 mm x 24 tubes</b>	pc	3	800.00	2,400.00
	☑Stainless Steel, 20 mm diameter holes, capacity 24 test tubes				
262	<b>Test Tube Racks, 12MM x 12Holes</b>	pcs	4	600.00	2,400.00
	☑Stainless Steel Holes Test Tube Rack				
263	<b>Test Tube, Borosilicate Glass, Rimless, 20 x 150 mm</b>	pcs	50	100.00	5,000.00
264	<b>Test Tube, Glass, Graduated, 50mL</b>	pieces	55	200.00	11,000.00
	☑with Screw Cap				
265	<b>Test tube/ Bottle Cleaning Brush</b>	pcs	5	100.00	500.00
266	<b>Toluene</b>	btl	1	7,300.00	7,300.00
	(CAS 108-88-3) ☑2.5 liters, ☑Analytical Grade ☑99.5%,				
267	<b>Triglyceride Assay Kit (luminescence detection method)</b>	pack	2	51,000.00	102,000.00
	☑Molecular biology grade ☑Works with lysed cells, tissues, medium and serum samples ☑No organic extraction, extreme heat, or centrifugation required ☑Linear triglyceride detection up to 80µM ☑For bioluminescent assay ☑Pack of at least 10mL total volume assay kit				
268	<b>Triton X-100</b>	btl	1	9,120.00	9,120.00
	☑Molecular biology grade ☑For biochemical applications to solubilize proteins ☑Liquid form ☑Bottle of 10mL per bottle				
269	<b>Trizma base</b>	btl	3	15,550.00	46,650.00
	☑Molecular biology grade, at least ≥99.8% assay quality ☑Suitable for cell culture ☑Dnase-free and Rnase-free ☑Phosphatase-free and proteases-free ☑Crystalline form ☑Bottle of at least 1Kg				
270	<b>Vernier Caliper</b>	pc	2	3,600.00	7,200.00
	☑Measurement Range:0-200mm ☑Material:Stainless Steel ☑Accuracy:0.01mm ☑Caliper Type:Digital Calipers				
271	<b>Volumetric Flask 100ml</b>	pc	5	800.00	4,000.00
	☑100 mL (±0.01 mL) ☑Borosilicate glass with glass standard taper stopper, ☑Class A ☑Calibrated				
272	<b>Volumetric Flask 25mL</b>	pcs	12	550.00	6,600.00
	☑clear borosilicate glass with ground glass stopper, 25mL, Class A				
273	<b>Volumetric Flask 50ml</b>	pc	5	500.00	2,500.00
	☑50mL, (±1mL) ☑Borosilicate glass with glass standard taper stopper, ☑Class A ☑Calibrated				
274	<b>Vortex Mixer, 220V, 2800RPM</b>	pc	1	14,000.00	14,000.00



	☑2,800 turn, bowl type; Working mode: point vibration, continuous, 30w, 150 x 105 x 115mm				
275	<b>Wash Bottle, 250mL cap.</b>	pc	7	200.00	1,400.00
	☑Material: Plastic (good quality)				
276	<b>Watch Glass</b>	pack	1	1,500.00	1,500.00
	☑Material: Glass/Borosilicate Glass ☑Autoclavable: Yes ☑Outer diameter: 75 mm (7.5cm), ☑fits 250 mL beakers, ☑12pcs/pack, ☑good quality				
277	<b>Weighing Scale, Hanging, Analog</b>	pc	2	3,000.00	6,000.00
	☑Readability: 0.1g to 0.0000001g ☑Accuracy: ±1% ☑Weight capacity: 0g up to 3000g				
278	<b>Woven Filters, Nylon Mesh, 10pcs/pack</b>	packs	2	22,200.00	44,400.00
	☑Mesh Opening: 5 um ☑Water affinity: hydrophilic ☑High Strength and Adsorption ☑30 X 30 cm sheet ☑Thickness: 100 um				
279	<b>Yeast Extract, Powder, 250g/btl</b>	btl	1	9,660.00	9,660.00
	☑Microbiology and molecular biology grade ☑Nonselective for coliforms				
280	<b>Zinc Bromide</b>	btl	1	3,467.00	3,467.00
	☑Anhydrous ☑Lab grade/Analytical reagent grade ☑Expiration date(3 years from the delivery date) ☑Packed in Teflon bottles				
281	<b>β-actin polyclonal antibody, unconjugated</b>	Vial	1	24,500.00	24,500.00
	"☑Molecular Biology grade ☑Suitable for mammalian cell culture ☑For Western Blot, IF, ICC, IHC ☑Reactive to Human, Mouse, Rat ☑Concentration: 1 mg/mL ☑Host/Isotype: Rabbit / IgG ☑Vial of at least 100ug"				
282	<b>β-catenin polyclonal antibody, unconjugated</b>	Vial	1	40,000.00	40,000.00
	☑Molecular Biology grade ☑Suitable for mammalian cell culture ☑For Western Blot, IF, ICC, IHC ☑Reactive to Human, Mouse, Rat ☑Host/Isotype: Rabbit / IgG ☑Vial of at least 500uL				
	<b>Rebidding (GOODS-21-25)</b>				
283	<b>Temperature Data Logger</b>	pcs	5	900.00	4,500.00
	☑High accuracy temperature logger ☑Logger can be connected to the PC ☑via USB for data import and export to excel or pdf. ☑Temperature & Humidity Monitoring ☑Measures material moisture				
284	<b>Contact cleaner</b>	pcs	10	350.00	3,500.00
	☑Anti-rust ☑Wet-type Lubricant ☑Spray-type ☑Penetrating-type				





	☐360ml/can				
285	<b>Polyethylene Glycol (PEG) 6000,</b>	btl	1	700.00	700.00
	☐250g per bottle				
286	<b>Burette Brush</b>	piece	2	150.00	300.00
	☐big size for 50 mL burette				
287	<b>Filter Paper, 12.5 cm. Ashless #42, 100pcs. per box</b>	boxes	4	1,800.00	7,200.00
288	<b>1 kb Plus DNA Ladder</b>	btl	1	7,700.00	7,700.00
	☐1ml per bottle				
289	<b>Agarose LE</b>	btl	1	5,680.00	5,680.00
	☐100g per bottle				
290	<b>Custom oligo primers</b>	unit	10	1,100.00	11,000.00
	☐HPLC-CE purified				
291	<b>Delicate Task Wipes</b>	boxes	12	400.00	4,800.00
	☐4.4 x 8.4 inches (11 x 21 cm)				
	☐280 sheets/box				
	☐lint-free				
292	<b>PCR loading dye</b>	unit	1	9,600.00	9,600.00
	☐10x, 1 ampule				
293	<b>LB Broth</b>	btl	1	1,150.00	1,150.00
	☐100g/bottle				
294	<b>Gloves, Nitrile, Large</b>	box	10	500.00	5,000.00
	☐Glove Type: Chemical Resistant Disposable Gloves				
	☐Glove Material: Nitrile				
	☐Powder-Free				
	☐1 box of 100 or 50 pairs				
	☐Food Safe				
	☐Size: large				
295	<b>Gloves, Nitrile, Medium</b>	box	8	500.00	4,000.00
	☐Glove Type: Chemical Resistant Disposable Gloves				
	☐Glove Material: Nitrile				
	☐Powder-Free				
	☐1 box of 100 or 50 pairs				
	☐Food Safe				
	☐Size: Medium				
296	<b>Brush Suitable for 10mL Graduated Cylinder</b>	pc	3	200.00	600.00
	☐Bristle Material: Black Nylon				
	☐Suitable for 10mL Graduated Cylinder				
297	<b>Brush Suitable for 50mL Graduated Cylinders</b>	pc	3	200.00	600.00
	☐Bristle Material: Black Nylon				
	☐Suitable for 50mL Graduated Cylinder				
298	<b>Brush Suitable for 100mL Graduated Cylinders</b>	pc	3	200.00	600.00
	☐Bristle Material: Black Nylon				
	☐Suitable for 100mL Graduated Cylinder				
299	<b>Water Quality Test Meter</b>	piece	3	2,000.00	6,000.00
	☐2 in 1 kit, with calibration packets and user's manual				
	◀1 TDS meter				
	◀1 pH meter				
	☐Hand-held and portable, pen-sized				
	☐Color: yellow (pH) + blue (TDS)				
	☐Material: plastic + metal				
	☐Size: length at 15-20cm				
	☐Accurate reading				
	☐Good quality				



	☑Durable				
300	<b>Temperature-Humidity Data Logger</b>	piece	4	2,000.00	8,000.00
	☑Portable and hand-held				
	☑16000 data recording capacity.				
	☑Adjustable record interval: 10s~24hour				
	☑Multi-function LCD				
	☑Internal NTC temperature thermal sensor with optional external sensor				
	☑Data export in PDF/EXCEL via data management software				
	☑Selectable °F/°C temperature unit				
	☑Size: approx. 84 (L) x 44(W) x 20 (H) mm				
	☑Good quality				
	☑Durable				
301	<b>Dissolved Oxygen Meter</b>	piece	1	11,000.00	11,000.00
	☑Pen-type, portable, easy to carry and durable				
	☑LCD display for simultaneous display of dissolved oxygen and temperature.				
	☑Highly sensitive probe for fast response and accurate measurement				
	☑Unit switching function, Celsius and Fahrenheit				
	☑Removable probe design, easy to change measurement, equipped with three spare probe covers for intimate protection.				
	☑The pen body design is compact, lightweight, easy to carry and easy to measure.				
	☑Measurement Range: 0.00-20.00mg/L				
	☑Basic Measurement Error: 0.4 mg/L				
	☑Dissolved Oxygen Temperature Compensation: 0-40 degrees Celsius				
	☑Power Supply: 4 LR44 1.5V button batteries				
	☑Color: Blue And Gray				
	☑Dissolved Oxygen Meter: at least 140x40x40mm				
	☑Pen: at least 160x13x13mm				
	☑Lead Length: at least 2930mm				
	☑Probe Length: at least 3090mm				
	☑Full Length: at least 3230mm				
	☑Weight: approximately 253g				
	☑Package Included:				
	◀1 x Host				
	◀3 x Probe Covers				
	◀1 x USB Data Cable				
	◀1 x Portable Cloth Bag				
	◀1 x Color Box				
	◀1 x Factory Certificate				
	◀1 x Instruction Manual				
	◀1 x Dissolved Oxygen Filling Solution				
	◀10 x Reagent A				
	◀10 x Reagent B				
302	<b>Laboratory Burette Stand</b>	pc	3	1,000.00	3,000.00
	☑Standard laboratory burette stand				
	☑Good quality White PE Burette Stand				
	☑Heavy duty white polyethylene burette stand comes with a polyethylene coated metal rod which screws into the base.				



	<ul style="list-style-type: none"> <li>☑ Whichever is available, with the hole in the center (center weighted) or at the short edge (edge weighted) as long as the 3 burette stands are the same (ex. if center weighted, then all 3 should be center weighted).</li> </ul>				
303	<b>Analytical Balance</b>	pc	1	29,240.00	29,240.00
	<ul style="list-style-type: none"> <li>☑ max capacity 120 g</li> <li>☑ readability 0.1mg</li> <li>☑ linearity +/- 0.2 mg</li> <li>☑ pan size 80 mm dia</li> <li>☑ Motor-driven built-in calibration weight</li> <li>☑ PSC: touch-key with built-in or external weight calibration mode</li> </ul>				
304	<b>Reagent Bottle</b>	pc	3	300.00	900.00
	<ul style="list-style-type: none"> <li>☑ With Stopper/Screw Cap</li> <li>☑ Material: Glass/Borosilicate Glass</li> <li>☑ Color: Clear/Transparent Flask</li> <li>☑ Capacity: 2000mL</li> <li>☑ Graduation: 1800mL</li> </ul>				
305	<b>Brush for cleaning 250mL Erlenmeyer Flask</b>	pc	3	250.00	750.00
	<ul style="list-style-type: none"> <li>☑ Bristle Color: White Bristle</li> <li>☑ Brush+Handle Length: 12"</li> <li>☑ Brush Diameter: 1 3/8"</li> <li>☑ Brush Length: 3 1/2"</li> <li>☑ Suitable for cleaning 250mL Erlenmeyer Flask</li> </ul>				
306	<b>Brush Suitable for cleaning 500mL Erlenmeyer Flask</b>	pc	3	250.00	750.00
	<ul style="list-style-type: none"> <li>☑ Bristle Color: White Bristle</li> <li>☑ Brush+Handle Length: 14"</li> <li>☑ Brush Diameter: 1 1/2"</li> <li>☑ Brush Length: 4"</li> <li>☑ Suitable for cleaning 500mL Erlenmeyer Flask</li> </ul>				
307	<b>Multi-Functional LCD Digital Multimeter Auto Range DMM with Temperature Detector DC AC Voltage</b>	unit	25	2,000.00	50,000.00
	<ul style="list-style-type: none"> <li>☑ Large LCD display of 41mm character height</li> <li>☑ Measure DC/AC voltage/current, diode, resistance, capacitance, temperature and continuity test.</li> <li>☑ Max. display value: 6000.</li> <li>☑ Can test the temperature with unit of °C / °F.</li> <li>☑ Includes relative value testing, duty cycle test, data hold, MAX/MIN value hold and auto power off function.</li> <li>☑ With overload protection on all ranges.</li> <li>☑ Low battery indication and warning alarm function.</li> <li>☑ Equipped with a back bracket for supporting multimeter, and also can collect test probe.</li> <li>☑ Protected by rubber for drop protection.</li> <li>☑ Great for troubleshooting automotive and household electrical problems.</li> </ul>				
308	<b>Activated Acid-washed Charcoal</b>	pack	1	15,000.00	15,000.00
	<ul style="list-style-type: none"> <li>☑ Chemical must be plant tissue culture tested for at least 20 years</li> <li>☑ ISO complaint</li> <li>☑ ACS REAG</li> <li>☑ PH EUR</li> <li>☑ meets USP Standards</li> </ul>				



	<input type="checkbox"/> Bioreagent suitable for cell culture				
	<input type="checkbox"/> 2.5kg per pack				
309	<b>Ethanol</b>	btl	10	300.00	3,000.00
	<input type="checkbox"/> USP 95% (food grade), 2.5 L				
310	<b>Naphthaleneacetic Acid, 5g per bottle</b>	btl	5	3,400.00	17,000.00
	<input type="checkbox"/> Branding the chemical to be purchase is following the protocol set for the project's protocol and standards				
	<input type="checkbox"/> Chemical must be plant tissue culture tested for at least 20 years				
	<input type="checkbox"/> ISO complaint				
	<input type="checkbox"/> ACS REAG				
	<input type="checkbox"/> PH EUR				
	<input type="checkbox"/> meets USP Standards				
	<input type="checkbox"/> Bioreagent suitable for cell culture				
311	<b>Phytigel, Sigma</b>	kl	7	40,000.00	280,000.00
	Branding the chemical to be purchase is following the protocol set for the project's protocol and standards				
	<input type="checkbox"/> Chemical must be plant tissue culture tested for at least 20 years				
	<input type="checkbox"/> ISO complaint				
	<input type="checkbox"/> ACS REAG				
	<input type="checkbox"/> PH EUR				
	<input type="checkbox"/> meets USP standards				
	<input type="checkbox"/> Bio reagents suitable for cell culture				
312	<b>Dispensing pump for culture media</b>	unit	1	60,000.00	60,000.00
	<input type="checkbox"/> Single Pump				
	<input type="checkbox"/> Continuous				
	<input type="checkbox"/> Multi-dose				
	<input type="checkbox"/> (predetermined volume, with a pause between each dose)				
	<input type="checkbox"/> Digital control screen				
	<input type="checkbox"/> Rotating button for easy navigation and program settings				
	<input type="checkbox"/> Compact: only 16 cm wide				
	<input type="checkbox"/> Up to 1% precision				
	<input type="checkbox"/> Dispenses liquid from 50 $\mu$ L to 99 $\mu$ L				
	<input type="checkbox"/> Step-by-step instructions on screen				
	<input type="checkbox"/> Calibration possible with chosen volume				
	<input type="checkbox"/> High quality Watson Marlow <sup>TM</sup> pump heads				
	<input type="checkbox"/> Heavy duty polycarbonate top shell and durable stainless steel				
313	<b>Distilling Apparatus</b>	unit	1	150,000.00	150,000.00
	<input type="checkbox"/> Note: Distilling apparatus in cart is beyond the budget allocated.				
	<input type="checkbox"/> Housing made of stainless steel				
	<input type="checkbox"/> Pilot switch light				
	<input type="checkbox"/> with thermostat				
	<input type="checkbox"/> Distillation capacity L/H: 4				
	<input type="checkbox"/> Water consumption L/Min : 1				
	<input type="checkbox"/> Equipment measures HxWX Depth (mm): 435x370x220				
	<input type="checkbox"/> Heaters: 3000W				
	<input type="checkbox"/> Electricity : 230V-50/60 Hz 13A				
	<input type="checkbox"/> Equipment wt: 8				
314	<b>Potassium dihydrogen phosphate, AR</b>	500gms	2	500.00	1,000.00
315	<b>Triethanolamine, AR</b>	liters	3	3,000.00	9,000.00



316	<b>Alcohol, Denatured</b>	gallons	7	253.00	1,771.00
317	<b>Hydrochloric Acid</b>	btl	1	600.00	600.00
	☑AR grade				
	☑2.5 liter/btl.				
	☑36.5-38%				
	☑impurities <1ppm free chlorine				
318	<b>Glass Jar 12oz</b>	box	15	384.00	5,760.00
	☑Clear				
	☑12oz				
	☑M-7101				
	☑with cap				
	☑24pcs/box				
319	<b>Glass Jar 8oz</b>	box	15	312.00	4,680.00
	☑Clear				
	☑8oz				
	☑M-7177				
	☑with cap				
	☑24pcs/box				
320	<b>Myo-inositol</b>	btls	3	1,600.00	4,800.00
	☑AR, 100g per bottle				
321	<b>Agar (E-406)</b>	btl	1	2,400.00	2,400.00
322	☑ <b>Pronadisa-delete</b>				
	☑500g				
	☑For plant tissue culture				
323	<b>Scalpel Blade</b>	box	8	280.00	2,240.00
	☑Stainless steel				
	☑100 blades/box				
324	<b>Volumetric Flask</b>	pc	3	360.00	1,080.00
	☑50mL, (±1mL)				
	☑Borosilicate glass with glass standard taper stopper				
	☑Class A				
	☑Calibrated				
325	<b>Volumetric Flask 100ml</b>	pc	3	500.00	1,500.00
	☑100 mL (±0.01 mL)				
	☑Borosilicate glass with glass standard taper stopper				
	☑Class A				
	☑Calibrated				
326	<b>96-Well Plates, Polypropylene</b>	pack	1	18,500.00	18,500.00
	☑96 Well Microplate				
	☑well working volume 50-300 µL				
	☑clear polypropylene wells round bottom				
	☑maximum volume 355 µL				
	☑DNase/RNase free				
	☑Non-pyrogenic by LAL method to <0.06 EU/mL				
	☑at least 100 EA per pack				
327	<b>Alcohol, Ethyl, 95% (Tech)</b>	liters	2	115.00	230.00
328	<b>Tri-power Stereo Microscope</b>	unit	4	25,000.00	100,000.00
	☑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				



	<ul style="list-style-type: none"> <li>☑rack and pinion focusing with slip clutch and tension adjustment</li> </ul>				
	<ul style="list-style-type: none"> <li>☑adjustable pole mounted cycle</li> </ul>				
	<ul style="list-style-type: none"> <li>☑includes a 95mm black and white reversible stage plate</li> </ul>				
	<ul style="list-style-type: none"> <li>☑rugged all metal construction</li> </ul>				
	<ul style="list-style-type: none"> <li>☑corded</li> </ul>				
	<ul style="list-style-type: none"> <li>☑power source: 220-240 V 50/60Hz</li> </ul>				
	<ul style="list-style-type: none"> <li>☑with warranty</li> </ul>				
329	<b>Table Type Vacuum Packaging Machine</b>	unit	1	33,900.00	33,900.00
	<ul style="list-style-type: none"> <li>☑voltage: 220V/50-60Hz</li> </ul>				
	<ul style="list-style-type: none"> <li>☑power: 0.75W</li> </ul>				
	<ul style="list-style-type: none"> <li>☑heat-sealing power: .6 Kw</li> </ul>				
	<ul style="list-style-type: none"> <li>☑lowest absolute pressure of vacuum case: 1.33 kpa</li> </ul>				
	<ul style="list-style-type: none"> <li>☑volume of vacuum case: 380 x 380 x 80 mm</li> </ul>				
	<ul style="list-style-type: none"> <li>☑heat sealing strip length and width: 260 x 8 mm</li> </ul>				
	<ul style="list-style-type: none"> <li>☑number of heat sealing strips: 1 or 2 pcs</li> </ul>				
	<ul style="list-style-type: none"> <li>☑exhaustment of vacuum pump: 10m<sup>3</sup>/h</li> </ul>				
	<ul style="list-style-type: none"> <li>☑material of vacuum case and null: stainless steel</li> </ul>				
	<ul style="list-style-type: none"> <li>☑dimension: 470 x 330 x 300 mm (l x w x h)</li> </ul>				
	<ul style="list-style-type: none"> <li>☑weight: 45 kgs</li> </ul>				
330	<b>Laboratory Refrigerator with 10.6 cubic foot/300 L capacity</b>	unit	2	70,000.00	140,000.00
	<ul style="list-style-type: none"> <li>☑Temperature range: +2°C to +8°C</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Inner cabinet: white epoxy painted</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Inner shelves: epoxy plastic coated steel rod</li> </ul>				
	<ul style="list-style-type: none"> <li>☑CFC Free Eco-friendly refrigerant R 134a</li> </ul>				
	<ul style="list-style-type: none"> <li>☑CFC Free, environment friendly Cyclopentene foaming PUF insulation</li> </ul>				
	<ul style="list-style-type: none"> <li>☑No frost, fan-assisted cooling circulation system</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Ultra-fast pull down, auto defrost with self-evaporating drip tray</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Rear-to-front hot air anti-condensation</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Digital temperature controller</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Double glazed glass doors</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Full length illumination</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Fitted with castors, front two with brakes</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Low noise, green technology and energy saving</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Self-closing hinge doors</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Lock as standard</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Input 220/240V, 50 Hz with power cord &amp; plug</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Automatic voltage stabilizer with time delay restart</li> </ul>				
	<ul style="list-style-type: none"> <li>☑gross volume: ≥ 300 L</li> </ul>				
331	<b>ELISA READER</b>	unit	1	580,000.00	580,000.00
	<ul style="list-style-type: none"> <li>☑(Filter wheel-type) (Bio-rad iMark)-delete</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Wavelength range: nm400-750 or wider</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Compatible plate/strips: flat, U, or V-bottom microplates or 8- or 12- well strip plates.</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Number of filters accommodated: at least 8</li> </ul>				
	<ul style="list-style-type: none"> <li>☑includes 415, 450, 490, 595, 655 and 750 nm filters.</li> </ul>				
332	<b>MICRO CENTRIFUGE , (Ventilated)</b>	unit	1	45,000.00	45,000.00
	<ul style="list-style-type: none"> <li>☑Capacity : 24 x1.5/2mL</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Max. Speed : 13,300rpm</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Max. RCF : 17,000 x g</li> </ul>				
	<ul style="list-style-type: none"> <li>☑Noise Level: 56dbA</li> </ul>				



	☑Temperature Range : Ambient temperature				
	☑Certifications/Compliance : CSA, CE, IVD				
	☑Type : Benchtop Centrifuge				
	☑Includes: 24 x 1.5/2.0mL rotor, 32 x 0.2mL rotor with Click Seal, Biocontainment lid				
	☑Description: Micro CL17 Centrifuge Ventilated				
	☑Electrical Requirements: 110/240V 50/60Hz				
	☑Run Time: 1 to 99min (1min increments); hold				
	☑Standards : IEC 61010-1, IEC 61010-2-020				
	☑Dimensions (HWD): 8.9 x 9.6 x 13.8in. (22.5 x 24.3 x35.2cm)				
	☑Net Weight : 23.1lb. (1.41kg)				
333	<b>Micropipette Set</b>	sets	2	75,000.00	150,000.00
	☑Fully autoclavable Pipettes with Carousel Stand with volume capacity:0.2-2ul, 1-10ul, 2-20ul, 10- 100ul,20-200ul,100-1000ul				
	☑Fully Autoclavable at 121 °C for 20 minutes				
	☑Triple-Speed Turbo ( one rotation of triple dial is equal to 3.5 rotations of the ordinary push- button dial) and with lock lever				
	☑Mushroom-shaped button and color coded				
	☑Digital indicator				
	☑Inclusions: 200µl, Standard Tip, Graduated, Natural, PP Rack, Sterilized; 1000µl, Standard Tip, Graduated, Natural, System Rack(PP), Sterilized; 20µl, Filter Tip, System Rack(PP), Sterilized, 96 tips/rack, 10 rack/unit				
	☑Inclusions: 200µl, Standard Tip, Graduated, Natural, PP Rack, Sterilized; 1000µl, Standard Tip, Graduated, Natural, System Rack(PP), Sterilized; 20µl, Filter Tip, System Rack(PP), Sterilized, 96 tips/rack, 10 rack/unit				
334	<b>THERMALBLOCK</b>	unit	1	45,000.00	45,000.00
	☑Max. temperature control range: 110 °C				
	☑Min. temperature control range: -10 °C				
	☑☑Temperature accuracy: Max. ±0.5 °C at 20 – 45 °C1				
	☑Temperature settings: -10 °C/110 °C (110 °C when using the (Smart Blocks 12 mm or cryo)				
	☑Timer: 15 s to 99:30 h, continuous				
	☑Heating rate: Max. 9 °C/min (when using the Smart Block PCR 384)1				
	☑Cooling rate Max.: 5.0 °C/min between 110 °C and RT1				
	☑Interfaces: USB interface				
	☑Power supply: 220 – 240 V, 50 – 60 Hz				
	☑Max. power consumption: 200 W				
	☑Dimensions (W × D × H): 20.6 × 30.4 × 13.6 cm				
	☑Weight w/o accessories: 4.3 kg				
	☑Temperature range Min: 30 °C below RT, max: 110 °C (110 °C when Using the Smart Blocks 12 mm or cryo)				
335	<b>Copper Sulphate, 500 grams/pack</b>	pack	1	500.00	500.00
336	<b>Agar-Agar</b>	kls	4	2,800.00	11,200.00
337	<b>Ethyl Alcohol (95%), Container Size: Water Can</b>	canister	5	3,000.00	15,000.00
338	<b>Plant Preservative Mixture (PPM), for plant tissue culture at least 25-30 ml per bottle</b>	btls	2	5,000.00	10,000.00
	<b>Rebidding (GOODS-21-32)</b>				
339	<b>Multi-position Hot Plate Stirrer (corrosive resistant)</b>	unit	1	95,000.00	95,000.00
	☑3 independent heating/stirring positions				



	☑600 x 270 mm footprint or higher				
	☑robust aluminum / silicon alloy top plates or stainless steel with ceramic coating				
	☑Stirring speed: 1500rpm				
	☑Volume: 10 L				
	☑3 x 25 mm PTFE coated stir bars				
340	<b>Top Loading Balance</b>	unit	1	30,000.00	30,000.00
	☑Readability (d): 0.01 g				
	☑Weighing range (max): 3600 g				
	☑Taring range (subtractive): 3600 g				
	☑Reproducibility: 0.02g				
	☑Linearity: + - 0.05 g				
	☑Adjustment points: 1.0/2.0/3.0/3.6 kg				
	☑Weighing plate stainless steel mm: 130 x 130				
341	<b>Reagent Bottle</b>	pcs	4	300.00	1,200.00
	☑With Stopper/Screw Cap				
	☑Material: Glass/Borosilicate Glass				
	☑Color: Clear/Transparent Flask				
	☑Capacity: 2000mL				
	☑Graduation: 1800mL				
342	<b>Reagent Bottles</b>	pcs	10	500.00	5,000.00
	☑Amber Glass Wide Mouth Bottle Chemical Reagent Storage Bottles				
	☑250 ML capacity				
	☑Features:				
	—Glass body for chemical, thermal expansion, shock, and heat resistance.				
	—Amber glass bottles are perfect for storing materials which are sensitive to degradation from light.				
	—Wide mouth, cylindrical shape body for a wide variety of applications that require solution containment.				
	—Ground glass stopper seals the bottle to secure contents and help prevent spills and evaporation.				
	—Useful for storing both liquids and powders, widely used in chemistry and biology application				
343	<b>Zinc Chloride, Analytical Grade, 500g/btl</b>	btls	2	1,500.00	3,000.00
	☑AR grade, 500 g per bottle				
344	<b>Iron Chloride, Analytical Grade, 500g/btl</b>	btls	2	1,500.00	3,000.00
	☑AR grade, 500 g per bottle				
345	<b>Copper Chloride, Analytical Grade, 500g/btl</b>	btls	2	1,995.00	3,990.00
	☑Analytical grade, 500g per bottle				
346	<b>Sulfur Powder, Analytical Grade, 500g/btl</b>	btls	2	1,000.00	2,000.00
	☑AR grade, 500g per bottle				
347	<b>Pipette Tips (20 ul)</b>	pc	1	500.00	500.00
	☑20 ul capacity				
	☑autoclavable				
	☑100 pcs per pack				
348	<b>Gloves, Nitrile, Medium</b>	boxes	2	945.00	1,890.00
	☑Glove Type: Chemical Resistant Disposable Gloves				
	☑Glove Material: Nitrile				
	☑Powder-Free				
	☑1 box of 100 or 50 pairs				
	☑Food Safe				





	☑Size: Medium				
349	<b>Test Tube Rack, 12 x 4 for 13 x 100mm test tubes</b>	pc	1	950.00	950.00
	☑Stainless steel				
350	<b>Reagent Bottles</b>	pcs	4	750.00	3,000.00
	☑Amber Glass Wide Mouth Bottle Chemical Reagent Storage Bottles				
	☑500 mL capacity				
	☑Features:				
	—Glass body for chemical, thermal expansion, shock, and heat resistance.				
	—Amber glass bottles are perfect for storing materials which are sensitive to degradation from light.				
	—Wide mouth, cylindrical shape body for a wide variety of applications that require solution containment.				
	—Ground glass stopper seals the bottle to secure contents and help prevent spills and evaporation.				
	—Useful for storing both liquids and powders, widely used in chemistry and biology application				
351	<b>1000 µL pipette tips (Blue)</b>	pack	1	924.00	924.00
	☑732012 1000 µL pipette tips (Blue)				
352	<b>200 µL pipette tips (Yellow)</b>	pack	1	924.00	924.00
	☑732008 200 µL pipette tips (Yellow)				
353	<b>5000 ul pipette tips (Neutral)</b>	pack	1	2,300.00	2,300.00
	☑36015000B, 5000 ul pipette tips (Neutral)				
354	<b>Beaker, Glass, 50mL</b>	pcs	30	155.00	4,650.00
	☑Borosilicate glass				
355	<b>Clevenger Apparatus</b>	pcs	2	6,000.00	12,000.00
	☑For extracting essential oil through distillation				
356	<b>Round Bottom Flask, 2000mL</b>	pc	1	2,200.00	2,200.00
	☑Single Standard Mouth Round-bottomed borosilicate glass Flask Capacity 2000ml And Joint 29/32 Single Neck Round Flask				
357	<b>Round Bottom Flask, 500mL</b>	pc	1	1,400.00	1,400.00
	☑Single standard mouth round-bottomed borosilicate glass flask, Capacity 500ml and joint 24/29, Single neck round flask				
358	<b>Erlenmeyer Flask, Glass, 5000mL</b>	pc	1	3,000.00	3,000.00
	☑BOROSILICATE ERLENMEYER FLASK 5000ml				
359	<b>Heating Mantle</b>	unit	1	12,000.00	12,000.00
	☑220V 500mL/1L/2L Heating Mantle & Magnetic Stirrer Stirring Temperature Regulation Digital Display Lab Electric Sleeve - 2L				
360	<b>Glass Vials 2ml</b>	pcs	3	1,150.00	3,450.00
	☑100Pcs/Set 2ml Graduated Clear Sample Vials Autosampler Vials Bottles Threaded Vial w/ Write-on Spot Screw Caps Septa				
361	<b>Syringe with Needle 1cc</b>	box	1	1,000.00	1,000.00
	☑Syringe 1cc TERUMO (With Needle), 100 units/box				
362	<b>Microplate Replicator 96 pin</b>	box	1	12,000.00	12,000.00
	☑96-pin replicator 1box(50pc)				
363	<b>Inoculating Loop Stainless Steel</b>	pack	1	1,200.00	1,200.00
	☑10PCS 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology				
364	<b>Red Natural Rubber Tubing</b>	pcs	20	70.00	1,400.00



	☑Natural rubber tube, Red 8mm OD 6mm ID, 2mm thickness 1 meter				
365	<b>Hot Plate</b>	unit	1	15,000.00	15,000.00
	☑1000ml Hot Plate Magnetic Stirrer Lab Heating Speed Control Mixer 220V AU Plug				
366	<b>Lab Gown Long Sleeves L</b>	pcs	2	500.00	1,000.00
	☑Lab Coat High-quality White				
	☑Size- Large; long sleeves				
367	<b>Lab Gown Long Sleeves M</b>	pcs	3	500.00	1,500.00
	☑Lab Coat High-quality White				
	☑Long Sleeves				
	☑Medium size				
368	<b>Thiazolyl Blue Tetrazolium Bromide (MTT)</b>	btls	3	4,000.00	12,000.00
	☑MTT [Thiazolyl Blue Tetrazolium Bromide], 1 Gram per bottle, soluble in water				
	☑Common Name: Thiazolyl Blue Tetrazolium Bromide				
	☑CAS Number: 298-93-1				
	☑Molecular Weight: 414.3				
	☑Chemical Formula: C <sub>18</sub> H <sub>16</sub> N <sub>5</sub> SBr				
	☑Solubility: Water				
	☑Storage Temperature: 2-8°				
	—Appearance: Yellow to orange yellow powder				
	—Assay (Titration): ≥ 98.0 %				
	—Heavy Metals: ≤ 5 ppm				
	—Solubility: Clear yellow solution				
	—Water Content: ≤ 0.5 %				
		<b>TOTAL ABC (this project):</b>			<b>5,368,088.00</b>

Sgnd  
**DILBERTO O. FERRAREN**  
BAC Chairman