



BID BULLETIN 01

Date: 10 October 2022

Project Title: *Supply and Delivery of Laboratory Equipment and Supplies (GOODS-22-51)*

Location: VSU Main, Visca, Baybay City, Leyte

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

I. LIST OF REQUIREMENTS

| (1st Envelope) TECHNICAL COMPONENT ENVELOPE | |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Legal Documents</i> | |
| 1 | PhilGEPS Certificate of Registration (Platinum) |
| <i>Technical Documents</i> | |
| 2 | Statement of All On-Going Government & Private Contracts |
| 3 | Statement of Bidder's Single Largest Completed Contract (at least 50% of the ABC or Php 857,764.44) |
| | Or |
| | Statement of at least two (2) similar completed contracts w/ total amount of at least Php 857,764.44 and the largest of which should be at least PhP 428,882.22 . |
| 4 | Bid Security |
| 5 | Technical Specifications |
| 6 | Schedule of Requirements/Production and delivery schedule |
| 7 | Manpower Requirements |
| 8 | After Sales service/parts from acceptance of delivered goods (at least 1 year for equipment and 3 months for supplies) |
| 9 | Original Duly Signed Omnibus Sworn Statement |
| <i>Financial Documents</i> | |
| 10 | The Supplier's Audited Financial Statements |
| 11 | Net Financial Contracting Capacity (at least Php 1,715,528.88) |
| | Or |
| | Committed Line of Credit (at least Php 171,552.89) |
| (2nd Envelope) FINANCIAL COMPONENT ENVELOPE | |
| 12 | Original of duly signed and accomplished Financial Bid Form |
| 13 | Original of duly signed and accomplished Price Schedule(s) |



Please take note:

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

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

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

These forms can be accessed from the GPPB website:

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

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

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

| Document | Filename (in PDF form) |
|--------------------------------------------------------------|----------------------------------|
| 1. PhilGEPS Certificate of Registration (Platinum) | PhilGEPS |
| 2. Statement of On-Going Government & Private Contracts | Statement of On-Going Contracts |
| 3. Statement of Bidder's Single Largest Completed Contract | SLCC |
| 4. Statement of at least two (2) similar completed contracts | Statement of Completed Contracts |
| 5. Bid Security | Bid Security |
| 6. Technical Specifications | Technical Specifications |
| 7. SCHEDULE of Requirements/Production and delivery schedule | Schedule of Requirements |
| 8. Manpower Requirements | Manpower Requirements |
| 9. After Sales service/parts | After Sales |
| 10. Omnibus Sworn Statement | Omnibus Sworn Statement |
| 11. Audited Financial Statements | Audited Financial Statements |



| | |
|----------------------------------------|----------------|
| 12. Net Financial Contracting Capacity | NFCC |
| 13. Committed Line of Credit | CLC |
| 14. Bid Form | Bid Form |
| 15. 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 as presented under Section VIII.

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 on or before the deadline (October 17, 2022; 8:30 AM).

III. Changes in the Bidding Documents

| Original | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Section I. Invitation to Bid</p> <p>5. A complete set of Bidding Documents may be acquired by interested Bidders on 27 September – 17 October 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.</p> | <p><i>(Amendment)</i></p> <p>A complete set of Bidding Documents may be acquired by interested Bidders on <i>27 September – 17 October 2022 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 Five Thousand Pesos (PhP 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means:</p> <p><i>The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.</i></p> <p><i>The Bidders may deposit the payment for the bidding documents to the Visayas State University Landbank Account with the following details:</i></p> <p><i>Account Name: Visayas State University Fund 164</i> <i>Account Number: 3572-1000-13</i></p> <p><i>Then send the deposit slip to jessamine.ecleo@vsu.edu.ph</i></p> |
| <p>Section II. Instructions to Bidders</p> <p>15. Sealing and Marking of Bids</p> | <p><i>(Additional Instructions)</i></p> <p>Bidders are requested to submit two (2) more copies of its bid (Copy 1 and Copy 2) in addition to the required</p> |



| | |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>original hardcopy.</p> <p>For filing purposes, the bidders are urged to use Red envelopes for its Technical and Financial Component envelopes, including the Mother (outer) Envelope.</p> |
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IV. Revised List of Goods and Technical Specifications

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

| Item No. | Description | Unit | Qty | ABC/Unit (Pesos) | Total ABC (Pesos) |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|------------------|-------------------|
| 1 | 16 in 1 Drinking Water Test Kit | kit | 3 | 2,000.00 | 6,000.00 |
| | Professional Hardness Testing Kits, Tap and Well Water Test Strips with Hardness, PH, Mercury, Lead, Iron, Copper, Chlorine, Chromium/Cr, Cyanuric Acid | | | | |
| 2 | 22 mm x 22 mm cover slip (0.13- 0.16 mm thickness) | boxes | 2 | 500.00 | 1,000.00 |
| | at least 72 pcs. per box | | | | |
| 3 | 3 layer Non-woven surgical face mask, at least 50 pcs. per box | boxes | 20 | 200.00 | 4,000.00 |
| 4 | 3.5 Mm Gloves Grey M | pairs | 2 | 1,600.00 | 3,200.00 |
| | ■ 5 finger neoprene gloves ultraspan in addition to the already full range of gloves cressi. | | | | |
| | ■ For this particular model have been studied as important as the depth of the fingers, perfect closing of the wrist, not through seams. | | | | |
| | ■ 100% Neoprene. | | | | |
| | ■ Gloves. | | | | |
| | ■ Made from 3,5 mm neoprene ultra. | | | | |
| 5 | 95% Ethyl Alcohol, Technical Grade (Gallon) | gallon | 30 | 800.00 | 24,000.00 |
| 6 | Absolute Ethanol - 99.5% | btls | 1 | 5,000.00 | 5,000.00 |
| | Purity (GC): ≥ 99.5 %; 1 bottle contains 1 liter | | | | |
| | Purity (GC): ≥ 99.5 %; 1 bottle contains 1 liter | | | | |
| 7 | Absolute Methanol - 99.5% | btl | 1 | 5,000.00 | 5,000.00 |
| 8 | Acetone | gal | 1 | 1,600.00 | 1,600.00 |
| | ■ Technical Grade | | | | |
| | ■ 1 gal | | | | |
| 9 | Activated Charcoal suitable for plant cell and tissue culture (5g) | btl | 1 | 2,500.00 | 2,500.00 |
| | 5 grams | | | | |
| 10 | Agar Agar | kilos | 3 | 2,800.00 | 8,400.00 |
| 11 | Agar for plant cell and tissue culture | btl | 5 | 6,000.00 | 30,000.00 |
| | 500 grams; | | | | |
| 12 | Agar Powder | btl | 1 | 1,400.00 | 1,400.00 |
| | for plant tissue culture, 1kg; | | | | |
| 13 | Alcohol Burner | btl | 4 | 170.00 | 680.00 |



| | | | | | |
|----|------------------------------------------------------------------------------------------------|---------|----|-----------|-----------|
| | ☐Burner Lamp | | | | |
| | ☐Clear Glass Lab | | | | |
| | ☐150mL | | | | |
| 14 | Alcohol, Denatured | gallons | 5 | 600.00 | 3,000.00 |
| 15 | Alcohol, Ethyl | L | 20 | 130.00 | 2,600.00 |
| 16 | Alcohol, Ethyl, 95% (Tech) | liters | 14 | 350.00 | 4,900.00 |
| 17 | Ammonia, NH3 | btls | 1 | 2,600.00 | 2,600.00 |
| | Concentrated, Analytical reagent grade, 2.5L/bottle | | | | |
| 18 | Ammonium nitrate (NH4NO3) suitable for plant cell and tissue culture | kgs | 3 | 5,000.00 | 15,000.00 |
| 19 | Ammonium Sulfate, 500g/btl. | btl | 1 | 650.00 | 650.00 |
| | ☐Anhydrous | | | | |
| | ☐Lab grade/ Analytical reagent grade | | | | |
| | ☐Expiration date (3 years from the delivery date) | | | | |
| | ☐Packed in Teflon bottles | | | | |
| 20 | Analytical Balance (500/0.001 g) | pc | 1 | 14,950.00 | 14,950.00 |
| 21 | Anemometer (8 in 1) | unit | 1 | 5,000.00 | 5,000.00 |
| | ☐Anemometer (8 in 1 LCD Digital Anemometer Wind Speed Temperature Humidity Altitude Tester) | | | | |
| | ☐Material: ABS | | | | |
| | ☐Model: TL-303 | | | | |
| | ☐Color: Black | | | | |
| | ☐Power Supply: 300mAh Rechargeable Lithium Polymer | | | | |
| | ☐Power Supply Model: 602030 | | | | |
| | ☐Wind Speed Range: 0-30m/S; 0-5860ft/Min; 0-55 or 0-90km/H; 0-65 Miles | | | | |
| | ☐Resolution: 0.1 M/S; 19ft/Min; 0.2 Knots; 0.3km/H; 0.2 Miles/Hour | | | | |
| | ☐Accuracy: ±5% | | | | |
| | ☐Cold Wind Range: -40-10°C (0-30m/S); -49-50°F (0-65mph) | | | | |
| | ☐Resolution: 0.1°C; 0.1°F | | | | |
| | ☐Accuracy: ±1°C; ±1.8°F | | | | |
| | ☐Temperature Range: -29-70°C; -20-158°F | | | | |
| | ☐Resolution: 0.1°C; 0.1°F | | | | |
| | ☐Accuracy: ±1°C; ±1.8°F | | | | |
| | ☐Relative Humidity Range: 0-100%RH | | | | |
| | ☐Resolution: 0.1%RH | | | | |
| | ☐Accuracy: ±3%RH | | | | |
| | ☐Thermal Index Range: 21.1-54.4°C (0-100%RH); 70-130°F (0-100% Relative Humidity) | | | | |
| | ☐Resolution: 0.1°C; 0.1°F | | | | |
| | ☐Accuracy: ±2°C; ±3.6°F | | | | |
| | ☐Dew Point Range: -29-70°C; -20-158°F | | | | |
| | ☐Resolution: 0.1°C; 0.1°F | | | | |
| | ☐Accuracy: ±2°C; ±3.6°F | | | | |
| | ☐Air Pressure Range: 10-1100hpa; 10-1100mbar; 0.29-32.48 Inches | | | | |
| | ☐Resolution: 0.1hpa; 0.1mbar; 0.01kpa | | | | |
| | ☐Accuracy: ±1.5hpa; ±1.5mbar; ±0.05in measuring column Altitude Range: -700-9000m; -6000-300ft | | | | |
| | ☐Resolution: 1m; 1ft | | | | |
| | ☐Accuracy: ±12m; ±50ft | | | | |



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| | <ul style="list-style-type: none"> ■Size: Approx. 120x50x25mm / 4.7x2.0x1.0in Weight: Approx. 229g / 8.1oz | | | | |
| | <ul style="list-style-type: none"> ■Package List: | | | | |
| | <ul style="list-style-type: none"> ■1 x Anemometer 1 x USB Cable 1 x Bag 1 x Hanging Rope 1 x Manual | | | | |
| 22 | Anhydrous Sodium Sulfate, AR | btl | 1 | 2,000.00 | 2,000.00 |
| | Analytical grade | | | | |
| | Anhydrous | | | | |
| | Powder form | | | | |
| | Size: 500g per bottle | | | | |
| 23 | Ascorbic acid | btl | 1 | 1,800.00 | 1,800.00 |
| | <ul style="list-style-type: none"> ■Analytical reagent grade, crystalline powder, 25 g/bottle | | | | |
| 24 | Autoclave Tape | pcs | 2 | 450.00 | 900.00 |
| | turns black at 250°F, | | | | |
| | width - ¾ inch | | | | |
| | length- minimum of 60 yards | | | | |
| 25 | Barfoed's Reagent Solution 1000mL | btls | 1 | 400.00 | 400.00 |
| | Technical Reagent Grade 1000mL per bottle | | | | |
| 26 | Bcd Black - Large | unit | 2 | 13,000.00 | 26,000.00 |
| | Scuba BCD offers unparalleled comfort, security and excellent lift capacity for an even more enjoyable dive . Description: Scuba BCD offers unparalleled comfort, security and excellent lift capacity for an even more enjoyable dive. Features: Excellent lift capacity Light, strong and durable denier 420 Improved fit: Swiveling buckles, shoulders, low-cut aircell SLS integrated weight system 3-dimensional zippered self-draining pockets 2 rear trim weight pockets Reduced weight: Travel friendly | | | | |
| 27 | Beaker, Glass, 1000mL | pc | 5 | 1,000.00 | 5,000.00 |
| | <ul style="list-style-type: none"> ■1000mL capacity, borosilicate glass; | | | | |
| 28 | Beaker, Glass, 500mL | pc | 5 | 1,000.00 | 5,000.00 |
| | <ul style="list-style-type: none"> ■500mL capacity, borosilicate glass; | | | | |
| 29 | Benedict's Solution 1000mL | btls | 3 | 400.00 | 1,200.00 |
| | Technical Reagent Grade 1000mL per bottle; | | | | |
| 30 | Benzylaminopurine (BAP) suitable for plant cell and tissue culture (5g) | btl | 3 | 4,000.00 | 12,000.00 |
| | 5 grams; | | | | |
| 31 | Bleach, liquid, 99.9% antibac, 1 gallon | gallon | 1 | 450.00 | 450.00 |
| 32 | Blood Agar Base | btl | 1 | 4,000.00 | 4,000.00 |
| | Enrichment medium and used for the hemolysis test.supplied in 500g/bottle | | | | |
| 33 | Boric acid (H3BO3) suitable for plant cell and tissue culture | btl | 1 | 1,000.00 | 1,000.00 |
| | molecular weight: 61.83; 500 grams; | | | | |
| 34 | Brain Heart Infusion Broth, 500g | btl | 1 | 3,000.00 | 3,000.00 |
| 35 | Brilliant Green Agar | btl | 1 | 9,000.00 | 9,000.00 |
| | <ul style="list-style-type: none"> ■Salmonella selective medium ■500g per bottle | | | | |
| 36 | Buffer solution, pH 7, 1000 ml. | btl | 2 | 1,000.00 | 2,000.00 |
| 37 | Buffer solution, pH 9, 1000 ml. | btl | 1 | 1,000.00 | 1,000.00 |
| 38 | Burette clamp | pc | 1 | 1,510.00 | 1,510.00 |
| | <ul style="list-style-type: none"> ■Good Quality | | | | |



| | | | | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---|-----------|-----------|
| | ☐Double Burette Clamp | | | | |
| | ☐Can Hold 50mL Burette | | | | |
| 39 | Burette with Glass Stopcock | pc | 1 | 4,000.00 | 4,000.00 |
| | ☐Burette with Glass Stopcock | | | | |
| | ☐Material: Glass/Borosilicate Glass | | | | |
| | ☐Capacity: 50mL | | | | |
| | ☐For Acid | | | | |
| 40 | Calcium Chloride | btls | 1 | 1,500.00 | 1,500.00 |
| | ☐AR grade; 500g | | | | |
| 41 | Calcium Chloride (CaCl ₂) suitable for plant cell and tissue culture | btl | 2 | 1,600.00 | 3,200.00 |
| | Dried | | | | |
| | 1.5-2.5mm | | | | |
| | Molecular Weight: 246.47 | | | | |
| | 500grams | | | | |
| 42 | Campylobacter Selective Agar + Supplement, 500g | btl | 1 | 17,000.00 | 17,000.00 |
| 43 | Canada Balsam, for microscopy, 100ml | btl | 2 | 1,800.00 | 3,600.00 |
| 44 | Capillary Clay Sealer/wax | L | 5 | 259.20 | 1,296.00 |
| | Its a Clay Sealant and Specimen Holding Tray | | | | |
| | Clay sealant and 24-place holding tray for all types of microhematocrit capillary tubes. | | | | |
| | This capillary tube sealing tray contains a unique wax compound that quickly forms a leak-tight seal. Non-toxic, non-drying and non-hardening, the sealant is formulated to withstand centrifugation. There is no need for plastic caps or heat sealing. The tray has 24 numbered places for easy patient identification. | | | | |
| | A hard, brittle wax orange in color useful for sealing crystals in glass capillaries. When applied properly, Capillary Wax will provide an airtight seal. Also referred to as sticky wax even though it is not sticky at room temperature. | | | | |
| 45 | Carmine Powder, AR, 25g/btl | btl | 1 | 2,000.00 | 2,000.00 |
| | Carmine powder is a red compound used for staining. | | | | |
| 46 | Centrifuge Rack, Multifunction | unit | 5 | 750.00 | 3,750.00 |
| | For storage and general-purpose | | | | |
| | Fit for 10mL, 15mL, 50mLl centrifuge tubes | | | | |
| | The centrifuge tube rack can be disassembled and easily assembled. | | | | |
| | The centrifuge tube rack after assembly has two layers | | | | |
| | Holds 30 pcs of 15 mL tubes and 20 pcs of 50mL tubes | | | | |
| 47 | Chloroform 2.5L | btl | 2 | 1,500.00 | 3,000.00 |
| | Analytical Reagent Grade 2.5L per bottle | | | | |
| 48 | Cobalt chloride (CoCl ₂ , 6H ₂ O) suitable for plant cell and tissue culture | btl | 1 | 1,600.00 | 1,600.00 |
| | ☐Molecular weight: 249.6 | | | | |
| | ☐500g | | | | |
| 49 | Compound Binocular Microscope | piece | 1 | 32,000.00 | 32,000.00 |
| | Head: 45° Inclined Binocular, 360° rotation | | | | |
| | Eyepiece: 10x Wide Field Eyepiece | | | | |
| | Nosepiece: 4 Position | | | | |



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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---|-----------|-----------|
| | Optical Magnification Range: 40 to 1000x | | | | |
| | Objectives: 4x, 10x, 40x, 100x | | | | |
| | - Achromatic Optics | | | | |
| | Mechanical Stage/ Slide Holder: 5.5 x 5.5 inches | | | | |
| | Focusing: Coarse and Fine | | | | |
| | Illumination: Halogen Illumination | | | | |
| | Dimmer: Yes | | | | |
| | Body Frame: Metal frame with Gray Finish | | | | |
| | Weight: Approximately 12.3 lb / 5.5 kg | | | | |
| 50 | Copper sulfate, CuSO4 | btl | 1 | 1,800.00 | 1,800.00 |
| | ■Anhydrous, Analytical reagent grade, 500g/bottle | | | | |
| 51 | Cryogenic Boxes | pcs | 3 | 600.00 | 1,800.00 |
| | Cryogenic boxes w/ dividers, plastic, 9x9 or 10x10, transparent, for 1.5/2.0mL tubes, 81-100 wells, natural color, w/ hinge and snap clasp, autoclavable | | | | |
| 52 | Cryovial External Thread | unit | 2 | 6,000.00 | 12,000.00 |
| | Cryovial external thread, 1.8ml, 500s; | | | | |
| 53 | Cupric sulfate (CuSO4, 5H2O) suitable for plant cell and tissue culture | btl | 1 | 1,600.00 | 1,600.00 |
| | 500 grams; | | | | |
| 54 | Cyclohexene | btl | 1 | 3,187.00 | 3,187.00 |
| | Analytical Reagent Grade 2.5L per bottle | | | | |
| 55 | Cysteine | btl | 1 | 5,000.00 | 5,000.00 |
| | analytical reagent grade 25g per bottle | | | | |
| 56 | Decarboxylase broth base | btl | 1 | 1,945.68 | 1,945.68 |
| | A 500g Medium employed to serve the purpose of differentiating bacteria on the basis of their ability to decarboxylate the amino acids. | | | | |
| 57 | Digital PH TDS EC Meter kit | kit | 4 | 500.00 | 2,000.00 |
| | ■Digital pen style pH meter | | | | |
| | ■TDS meter tester | | | | |
| 58 | Digital Weighing Scale- 0.01-5kg | unit | 1 | 13,000.00 | 13,000.00 |
| | ■Capacity: 0.01g to 5kg | | | | |
| | ■Type: Laboratory Balance | | | | |
| | ■Power Supply: 100-240V/50-60H | | | | |
| | ■Size: 320*205*100mm | | | | |
| 59 | Disposable Gas Generator Envelopes | boxes | 1 | 20,000.00 | 20,000.00 |
| | ■Anarobic and CO2 indicator | | | | |
| | ■for GasPak system | | | | |
| | ■10 foil envelopes per box | | | | |
| 60 | DNA extraction kit | set | 1 | 25,000.00 | 25,000.00 |
| | ■Extract genomic DNA from different samples (e.g., manure, blood, tissue). | | | | |
| | ■Silica-gel membrane-based spin-column technology | | | | |
| | ■All buffers, elution water, and microtubes included. | | | | |
| | ■=/>50 DNA preparations | | | | |
| 61 | DNA Ladder | Vial | 1 | 15,000.00 | 15,000.00 |
| | DNA Ladder 50bp, 50 µg, with loading dye | | | | |
| 62 | DNA Ladder 100Bp | Vial | 1 | 9,200.00 | 9,200.00 |
| | DNA Ladder 100bp, for at least 50 lanes, with loading dye | | | | |
| 63 | Driver Dive Computer | pcs | 2 | 9,800.00 | 19,600.00 |
| | ■All the main infos on the same screen: | | | | |



| | | | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------|-------|---|----------|-----------|
| | dive and Ascent speed, temperature, dive time and surface time, depth | | | | |
| | ☐ Setting for Fresh or salt water | | | | |
| | ☐ Most function to calculate the minimum surface recovery time and rehydration alert | | | | |
| | ☐ Users can deactivate all the light and sound alerts, while maintaining the continuous control of the dive profile on the display | | | | |
| | ☐ Extensive Logbook memory divided into downloadable sessions and individual dives | | | | |
| 64 | EDTA 2ml (Collection tube for Complete Blood Count) | packs | 2 | 1,100.00 | 2,200.00 |
| 65 | Eosin Methylene Blue Agar | btls | 1 | 4,000.00 | 4,000.00 |
| | ☐ Agar powder | | | | |
| | ☐ Culture media | | | | |
| | ☐ 500 g per bottle | | | | |
| 66 | Ethanol | btl | 5 | 1,200.00 | 6,000.00 |
| | AR grade, 2.5L, at least 95% v/v | | | | |
| 67 | Ethanol Absolute | btl | 5 | 2,500.00 | 12,500.00 |
| | 2.5 Liters/ bottle; | | | | |
| 68 | Ethylenediaminetetraacetic acid disodium salt (Na ₂ -EDTA) suitable for plant cell and tissue culture | btl | 2 | 1,500.00 | 3,000.00 |
| | 500 grams; | | | | |
| 69 | Ferrous sulfate (FeSO ₄ , 7H ₂ O) suitable for plant cell and tissue culture | btl | 2 | 1,000.00 | 2,000.00 |
| | 500 grams; | | | | |
| 70 | Filter Paper | box | 1 | 2,000.00 | 2,000.00 |
| | ☐ Filter Paper No.1 | | | | |
| | ☐ Qualitative Circles 125mm (12.5cm) | | | | |
| | ☐ Qty/box: 100 pieces per box | | | | |
| | ☐ Porosity: Medium | | | | |
| | ☐ Flow Rate: Medium | | | | |
| 71 | Filter paper Grade 41 | boxes | 2 | 3,000.00 | 6,000.00 |
| | ☐ Parameters: Grade 41 Fast ashless filter paper, 125 mm circle (100 pcs.). | | | | |
| | ☐ Grade: Grade 41 | | | | |
| | ☐ Format: Circles | | | | |
| | ☐ Type: Ashless | | | | |
| | ☐ Typical Particle Retention in Liquid: 20 micron | | | | |
| | ☐ Nominal basis weight: 85 g/m squared | | | | |
| | ☐ Typical water flow rate: 254 ml/min | | | | |
| | ☐ Nominal air flow rate: 4 s/100 mL/square inch | | | | |
| | ☐ Nominal as Content 0.007% | | | | |
| | ☐ Material: High quality cotton linters | | | | |
| | ☐ alpha Cellulose Content Min.: >97% | | | | |
| 72 | Finepoint High Precision Forceps | pcs | 2 | 300.00 | 600.00 |
| | ☐ Tip Style: Fine | | | | |
| | ☐ Material: Stainless Steel | | | | |
| | ☐ Length 4.5" | | | | |
| 73 | Fire Extinguisher, HCFC-123, 10lbs (new) | unit | 8 | 7,000.00 | 56,000.00 |
| | SAFETY EQUIPMENT AND DEVICES | | | | |
| | Clean Agent | | | | |
| | BPS Certified, | | | | |
| | HCFC-123, | | | | |



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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|-----------|-----------|
| | with Free Wall Bracket, BFP Approved 10lbs capacity tank with pressure gauge Nozzle and handle | | | | |
| 74 | Fructose Analytical Reagent Grade, 500g per bottle | btl | 1 | 1,000.00 | 1,000.00 |
| 75 | Genomic DNA Extraction Kit <ul style="list-style-type: none"> ■Extract genomic DNA from different samples (e.g., manure, blood, tissue). ■Silica-gel membrane-based spin-column technology ■All buffers, elution water, and microtubes included. | kit | 1 | 25,000.00 | 25,000.00 |
| 76 | Giemsa stain set Diagnostic reagents, packaging 1bx or set Giemsa 500ml, Buffer for Giemsa 500 ml | btls | 3 | 2,826.00 | 8,478.00 |
| 77 | Glacial Acetic Acid <ul style="list-style-type: none"> ■Analytical Reagent grade 2.5L per bottle | btl | 1 | 3,500.00 | 3,500.00 |
| 78 | Glass Staining Block with Cover <ul style="list-style-type: none"> ■Clear polished glass ■Cavity 30mm diameter x 6mm deep ■Complete with flat glass cover ■40mm square to minimize evaporation | pcs | 3 | 1,600.00 | 4,800.00 |
| 79 | Glassware Vacuum Filtration Memne Buchner Funnel Flask Apparatus Kit <ul style="list-style-type: none"> - Materials: borosilicate glass, rubber, aluminum, abs - Diameter of Sand Cone: 40mm, 40mm is also the inner diameter of the filter joint. So you have to choose the membrane filters of larger size than Diam. 40mm. - Filter Flask Capacity: 500ml or 1000ml - Graduated Funnel Capacity: 300ml (50mL graduations for quick, easy measurement) - Funnel Top Diameter: 8cm; the filter is 12cm high. - Funnel Top Volume: 300ml - Membrane diameter: 50mm - Membrane filter size: 0.22/0.45um - Manual Pump: ABS material, -600mm Hg. | set | 2 | 5,000.00 | 10,000.00 |
| 80 | Gloves, Nitrile, Large <ul style="list-style-type: none"> ■Glove Type: Chemical Resistant Disposable Gloves ■Glove Material: Nitrile ■Powder-Free ■1 box of 100 or 50 pairs ■Food Safe ■Size: large | box | 14 | 1,500.00 | 21,000.00 |
| 81 | Gloves, Nitrile, Medium <ul style="list-style-type: none"> ■Glove Type: Chemical Resistant Disposable Gloves ■Glove Material: Nitrile ■Powder-Free ■1 box of 100 or 50 pairs ■Food Safe | box | 9 | 1,500.00 | 13,500.00 |



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| | ☐Size: Medium | | | | |
| 82 | Gloves, Nitrile, Small | box | 7 | 1,500.00 | 10,500.00 |
| | ☐box or 100-50 pairs, small | | | | |
| | ☐natural rubber latex-free, powderless | | | | |
| | ☐micro grip | | | | |
| 83 | Glycerol | btl | 1 | 8,450.00 | 8,450.00 |
| | ☐Molecular biology grade, ≥99.0% assay quality | | | | |
| | ☐Suitable for cell culture, insect cell culture, and electrophoresis | | | | |
| | ☐Dnase-free, Rnase-free, NICKase-free, and protease-free | | | | |
| | ☐Liquid form | | | | |
| | ☐Bottle of 500mL | | | | |
| 84 | Glycine | btl | 2 | 7,400.00 | 14,800.00 |
| | ☐Molecular biology, ≥99.0% assay quality | | | | |
| | ☐Suitable for protein analysis, SDS-PAGE and Western blot | | | | |
| | ☐DNases and Rnases free | | | | |
| | ☐Phosphatases and proteases free | | | | |
| | ☐Crystalline form | | | | |
| | ☐Bottle of at least 500g | | | | |
| 85 | Gowers diluting fluid | btl | 1 | 650.00 | 650.00 |
| | contents 500 ml RBC diluents used to count RBC | | | | |
| 86 | Gram Stain | btls | 3 | 2,826.00 | 8,478.00 |
| | Diagnostic Reagents :Packaging Box/set Grams Grams Crystal violet 500 ml, Grams Iodine 500 ml, Grams stain decolorizer, Safranin 500 ml | | | | |
| 87 | Hand Soil Auger | unit | 1 | 3,500.00 | 3,500.00 |
| | ☐Material: stainless steel | | | | |
| | ☐Auger length: 25cm | | | | |
| | ☐Length: 0.5m | | | | |
| | ☐External Diameter: 38mm | | | | |
| 88 | herbarium sheet 42 x 29cm | per 100 pcs. | 2 | 2,000.00 | 4,000.00 |
| | color: white | | | | |
| 89 | Histidine | btl | 1 | 2,000.00 | 2,000.00 |
| | Analytical Reagent Grade 25g per bottle | | | | |
| 90 | Hydrochloric Acid | btl | 1 | 600.00 | 600.00 |
| | ☐AR grade | | | | |
| | ☐2.5 liter/btl. | | | | |
| | ☐36.5-38% | | | | |
| | ☐impurities <1ppm free chlorine | | | | |
| 91 | Hydrochloric acid, HCl | btls | 1 | 1,000.00 | 1,000.00 |
| | Analytical reagent grade, concentrated, 2.5L/bottle | | | | |
| 92 | Indoleacetic acid (IAA) suitable for plant cell and tissue culture (5g) | btl | 3 | 3,500.00 | 10,500.00 |
| 93 | indolebutyric acid (IBA) | btl | 3 | 3,500.00 | 10,500.00 |
| | Suitable for plant tissue culture 5 gms. | | | | |
| 94 | Infrared Loop sterilizer | L | 1 | 6,297.60 | 6,297.60 |
| | Infrared Loop Sterilizer DS900,220v laboratory electric heating high temperature, disinfection infra-red sterilizer, used to disinfect or sterilize inoculating loops/needles for isolating microorganisms | | | | |
| 95 | Inoculating Loop Stainless Steel | pack of | 2 | 1,200.00 | 2,400.00 |



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| | | 10's | | | |
| | <ul style="list-style-type: none"> ■10PCS 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology | | | | |
| 96 | Iron Chloride, Analytical Grade, 500g/btl | btl | 1 | 1,500.00 | 1,500.00 |
| | <ul style="list-style-type: none"> ■AR grade, 500 g per bottle | | | | |
| 97 | Isopropyl alcohol | btl | 1 | 7,000.00 | 7,000.00 |
| | <ul style="list-style-type: none"> ■(CAS 67-63-0) ■2 liters, ■Anhydrous, ■99.5%, | | | | |
| 98 | Kinyoun's Carbolfuchsin stain | btl | 1 | 8,000.00 | 8,000.00 |
| | <ul style="list-style-type: none"> ■For Cryptosporidium modified acid-fast staining procedures. ■1 bottle contains 500 mL | | | | |
| 99 | Lab Gown Long Sleeves L | pcs | 2 | 500.00 | 1,000.00 |
| | <ul style="list-style-type: none"> ■Lab Coat High-quality White ■Size- Large; long sleeves | | | | |
| 100 | Lab Gown Long Sleeves M | pcs | 2 | 500.00 | 1,000.00 |
| | <ul style="list-style-type: none"> ■Lab Coat High-quality White ■Long Sleeves ■Medium size | | | | |
| 101 | Laboratory Burette Stand | pc | 1 | 1,000.00 | 1,000.00 |
| | <ul style="list-style-type: none"> ■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. ■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). | | | | |
| 102 | Lens Tissues, 25 Sheets per Booklet, 5 Booklets | packs | 1 | 800.00 | 800.00 |
| 103 | Litmus Milk medium | btl | 1 | 5,913.60 | 5,913.60 |
| | A bottle containing 500g powdered, used to determine the action of bacteria in Milk and in acidic or alkaline environment | | | | |
| 104 | Loading Dye for Electrophoresis | Vial | 1 | 3,100.00 | 3,100.00 |
| | Loading Dye for Electrophoresis, (2-3 colors) 6x min. concentration, at least 3ml volume PER VIAL | | | | |
| 105 | Lugol's Solution | btl | 3 | 1,500.00 | 4,500.00 |
| | Lugol's Solution 1 li/bottle; | | | | |
| 106 | MacConkey Agar | btl | 1 | 10,000.00 | 10,000.00 |
| | selective medium | | | | |
| | aids in identifying non-lactose fermenters (transparent or cream colonies) and lactose fermenter (red to pinkish colonies) supplied in 500g/bottle | | | | |
| 107 | Magnesium Carbonate 500 grams | 500gms | 1 | 2,500.00 | 2,500.00 |
| | analytical grade; | | | | |
| 108 | Magnesium chloride, MgCl ₂ | btl | 1 | 3,000.00 | 3,000.00 |
| | <ul style="list-style-type: none"> ■1kg per bottle ■colorless crystalline solid ■Properties: ◀Quality Level: 300 | | | | |



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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---|-----------|-----------|
| | ◀Grade: anhydrous | | | | |
| | ◀Assay: ≥98% | | | | |
| | ◀Form: powder | | | | |
| | ◀Impurities: ≤0.5% Insolubles | | | | |
| | ◀bp: 1412 °C/1 atm (lit.) | | | | |
| | ◀mp: 714 °C (lit.) | | | | |
| | ◀Density: 2.32 g/mL at 25 °C (lit.) | | | | |
| 109 | Magnesium Sulphate (MgSO ₄ .7H ₂ O) suitable for plant cell and tissue culture Wt. 169.01 | btl | 2 | 1,100.00 | 2,200.00 |
| | Colourless efflorescent crystals | | | | |
| | 500 grams | | | | |
| 110 | Malachite green stain | btl | 1 | 2,000.00 | 2,000.00 |
| | ■Use as a counterstain of Ziehl-Neelsen and Kinyoun staining. | | | | |
| | ■1 bottle contains 500 mL | | | | |
| | ■Laboratory grade | | | | |
| 111 | Manganese Chloride, Analytical Grade, 500g/btl | btl | 1 | 1,500.00 | 1,500.00 |
| | ■AR grade, 500g per bottle; | | | | |
| 112 | Manganese sulfate (MnSO ₄ , H ₂ O) suitable for plant cell and tissue culture | btl | 1 | 1,100.00 | 1,100.00 |
| | 500 grams | | | | |
| 113 | Manual Oil Press Machine | pc | 1 | 14,500.00 | 14,500.00 |
| | Manual oil press extractor machine Specification: | | | | |
| | Raw material: peanut, seeds, nuts | | | | |
| | Type: manual model | | | | |
| | Weight: 3kg | | | | |
| | Size: 39*9*30cm | | | | |
| | Oil press machine Raw Material: | | | | |
| | suitable for most of the oil content is more than 25% of the oil crops, such as peanut, sunflower seed, tea seed, sesame seed, walnut, olive, coconut oil, flax seed, etc | | | | |
| 114 | Manual Pipette Pump | pcs | 5 | 700.00 | 3,500.00 |
| | Manual Pipette Pump (plastic), w/ fast release lever/button (2ml) | | | | |
| 115 | Manual Pipette Pump - 10ml | pcs | 3 | 700.00 | 2,100.00 |
| | Manual Pipette Pump (plastic), w/ fast release lever/button (10ml) | | | | |
| 116 | Manual Pipette Pump- 25ml | pcs | 2 | 700.00 | 1,400.00 |
| | Manual Pipette Pump (plastic), w/ fast release lever/button (25ml) | | | | |
| 117 | Masking tape, autoclavable, for laboratory use | rolls | 1 | 450.00 | 450.00 |
| | 1" wide x 55m length; | | | | |
| 118 | MASTER-RI Refractometer | pc | 1 | 14,000.00 | 14,000.00 |
| | Scale Range: Refractive index 1.435 to 1.52 | | | | |
| | Minimum Scale: Refractive index 0.001 | | | | |
| | Size & Weight: 1.26 x 1.34 x 6.61in (3.2 x 3.4 x 16.8cm), 4.59oz (130g) | | | | |
| | Optional: Standard liquid LK: RE-99010, Daylight plate for small volume samplings for MASTER series: RE-2311-58M (Except viscosity sample), Calibration Certificate: NIST-traceable certificate. This will increase the lead time of the order by 2 to | | | | |



| | | | | | |
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| | 3 weeks. | | | | |
| | Parts: Daylight plate for MASTER series: RE-2311-57M | | | | |
| 119 | Membrane Filter | boxes | 2 | 3,000.00 | 6,000.00 |
| | <ul style="list-style-type: none"> ■Mixed cellulose esters (MCE) membrane ■Naturally hydrophilic ■Pore size: 0.22µm-3µm, ■Diameter: 50mm ■1 box with atleast 100 pcs ■non-sterile | | | | |
| 120 | Mesh Filter Cloth | pcs | 3 | 300.00 | 900.00 |
| | <ul style="list-style-type: none"> ■Color: White. ■Material: Nylon ■Mesh: 200 mesh ■Size: 1m x 1m/39.4"m x 39.4" | | | | |
| 121 | Methanol 2.5L | btl | 1 | 1,200.00 | 1,200.00 |
| | Analytical Reagent Grade 2.5L per bottle; | | | | |
| 122 | Microcapillary tube | btl | 10 | 240.00 | 2,400.00 |
| | diagnostic purposes : blue capillary tube heparinized, 1 barrel/tube/ contains 100 tubes | | | | |
| 123 | Microcentrifuge Rack with Cover, Reversible (2 mL/ 1.5 mL) | unit | 5 | 850.00 | 4,250.00 |
| | Polypropylene (PP) | | | | |
| | Autoclavable | | | | |
| | Excellent rack for benchtop use or freezer storage. | | | | |
| | Excellent chemical & temperature resistance | | | | |
| | 80/60 well rack capacities: | | | | |
| | 80-Place for 1.5 & 2.0mL tubes | | | | |
| | 60-Place for 0.5 & 0.2mL tubes | | | | |
| | With lid or cover | | | | |
| 124 | Microscope Slides and cover slips | boxes | 6 | 370.00 | 2,220.00 |
| | ■Pre-Cleaned Blank slides with 50pcs./box 22 x 22 mm square Cover Slip | | | | |
| 125 | Microtube Storage Boxes | packs | 1 | 3,500.00 | 3,500.00 |
| | <ul style="list-style-type: none"> ■100-Well Microtube Storage Boxes. ■For 1.5-2.0 mL microtubes storage. ■Pack of 5 ■Ideal for laboratory storage at -80 degree celcius | | | | |
| 126 | MINDRAY HEMATOLOGY REAGENTS for" Mindray model (BC-2800 Veterinary Auto Hematology Analyzer)" | sets | 1 | 45,000.00 | 45,000.00 |
| | <ul style="list-style-type: none"> ■REAGENTS for" Mindray model (BC- 2800 Veterinary Auto Hematology Analyzer)" ■1 unit M30 Diluent 20 Lit. ■1 unit M30 Rinse 20 Lit. ■1 unit M30 CFL Lyse 500ml ■1 unit M30 EZ Cleanser 100ml ■1 unit M30 Probe Cleanser 50ml ■NOTE: EXLCUSIVE REAGENT FOR MINDRAY MODEL BC-2800 VET. AUTO | | | | |
| 126 | MINDRAY HEMATOLOGY REAGENTS for" Mindray model (BC-2800 Veterinary Auto Hematology Analyzer)" | Item Cancelled | | | |



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| | <ul style="list-style-type: none"> ☐REAGENTS for" Mindray model (BC-2800 Veterinary Auto Hematology Analyzer)" | | | | |
| | ☐1 unit M30 Diluent 20 Lit. | | | | |
| | ☐1 unit M30 Rinse 20 Lit. | | | | |
| | ☐1 unit M30 CFL Lyse 500ml | | | | |
| | ☐1 unit M30 EZ Cleanser 100ml | | | | |
| | ☐1 unit M30 Probe Cleanser 50ml | | | | |
| | ☐NOTE: EXCLUSIVE REAGENT FOR MINDRAY MODEL BC-2800 VET. AUTO | | | | |
| 127 | Molybdic acid (sodium salt) (Na ₂ MoO ₄ , 2H ₂ O) suitable for plant cell and tissue culture | btl | 1 | 2,200.00 | 2,200.00 |
| | 500grams, AR; | | | | |
| 128 | Myo-inositol suitable for plant cell and tissue culture (100gms) | btl | 4 | 2,000.00 | 8,000.00 |
| 129 | Naphthaleneacetic Acid, 5g | btl | 1 | 3,400.00 | 3,400.00 |
| | ☐Branding the chemical to be purchase is following the protocol set for the project's protocol and standards | | | | |
| | ☐Chemical must be plant tissue culture tested for at least 20 years | | | | |
| | ☐ISO complaint | | | | |
| | ☐ACS REAG | | | | |
| | ☐PH EUR | | | | |
| | ☐meets USP Standards | | | | |
| | ☐Bioreagent suitable for cell culture | | | | |
| 130 | Nicotinic acid suitable for plant cell and tissue culture (100g) | btl | 1 | 3,000.00 | 3,000.00 |
| 131 | Nutrient Agar, 500g | btl | 1 | 6,000.00 | 6,000.00 |
| 132 | Nutrient Gelatin, 500g; | btl | 1 | 7,000.00 | 7,000.00 |
| 133 | Ordinary Vernier Caliper | pc | 2 | 110.00 | 220.00 |
| | ☐Plastic material | | | | |
| | ☐Up to 150mm measuring range | | | | |
| | ☐accuracy atleast 1mm | | | | |
| | ☐double scale measurement | | | | |
| | ☐no battery | | | | |
| | ☐Ultra precision and effortless operation. | | | | |
| 134 | Paraffin Wax | bag | 1 | 4,000.00 | 4,000.00 |
| | ☐Form: pellets, white | | | | |
| | ☐Ign residue: ≤0.05% | | | | |
| | ☐Melting point: 43-95 degrees celsius | | | | |
| | ☐Solidification point: 54-56 degree celcius1kg per bag | | | | |
| 135 | Paraffin, Tissue Embedding Medium, Kg | pack | 6 | 1,500.00 | 9,000.00 |
| | Tissue Embedding Wax, Medium | | | | |
| | Pure Paraffin wax with Added Polymer for precise embedding and sectioning | | | | |
| 136 | Parafilm M PM-996 All Purpose Laboratory Film Parafilm sealing film 4 x 125ft | roll | 1 | 2,500.00 | 2,500.00 |
| 137 | Paraformaldehyde | btl | 1 | 8,750.00 | 8,750.00 |
| | ☐Reagent or analytical grade | | | | |
| | ☐For use in the preparation of formalin fixatives for tissues or cells when the samples are to be used in fluorescence studies | | | | |
| | ☐Crystalline form | | | | |
| | ☐Bottle of 25g | | | | |
| 138 | Pasture Pipette | pieces | 100 | 5.00 | 500.00 |



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| | <ul style="list-style-type: none"> ■ Pasture pipette, durable glass, 2 ml capacity, straight tip | | | | |
| 139 | Petroleum Ether, AR | gallon | 1 | 3,500.00 | 3,500.00 |
| 140 | pH Meter pen type | pcs | 2 | 2,500.00 | 5,000.00 |
| | <ul style="list-style-type: none"> ■ 0.1 pH resolution ■ water-resistant/proof | | | | |
| 141 | Phosphate Buffered Saline (PBS) | btls | 1 | 5,000.00 | 5,000.00 |
| | <ul style="list-style-type: none"> ■ 10x concentrate ■ pH 7.4. ■ Contains 100mM phosphate buffer, 27mM potassium chloride and 1.37M sodium chloride. ■ 1 bottle contains 500 mL ■ Laboratory grade | | | | |
| 142 | Plastic test tube rack 4 holes holder | pcs | 4 | 150.00 | 600.00 |
| | <ul style="list-style-type: none"> Condition: 100% Brand New Quantity: 1 Pc Size app: 18cmx4cmx6.5cm, hole diameter: app 3cm Material: Plastic Color: Blue | | | | |
| 143 | Polymerase Chain Reaction Master Mix | kit | 1 | 4,000.00 | 4,000.00 |
| | Polymerase Chain Reaction Master Mix, 100 x 50 µl reactions | | | | |
| 144 | Polymerase Chain Reaction Tubes | pack | 1 | 5,000.00 | 5,000.00 |
| | 0.2ml 12 Strips Polymerase Chain Reaction Tube w/ cap, 125 pcs/pack, round caps | | | | |
| 145 | Polymerase Chain Reaction Tubes Rack | pcs | 1 | 3,500.00 | 3,500.00 |
| | Polymerase Chain Reaction Tubes rack (for storage)(w/ removable hinged lid), accommodates 168 x 0.2 mL + 12x 1.5ml OR 40 x 0.5 mL + 12x 1.5ml tubes. pack of 5 | | | | |
| 146 | Potassium Bromide | btl | 1 | 2,066.00 | 2,066.00 |
| | <ul style="list-style-type: none"> ■ Anhydrous ■ Lab grade/ Analytical reagent grade ■ Expiration date(3 years from the delivery date) ■ Packed in Teflon bottles | | | | |
| 147 | Potassium Chromate | btl | 1 | 1,050.00 | 1,050.00 |
| | <ul style="list-style-type: none"> ■ Anhydrous ■ Lab grade/ Analytical reagent grade ■ Expiration date(3 years from the delivery date) ■ Packed in Teflon bottles | | | | |
| 148 | Potassium Iodate 500g | 500gms | 1 | 7,000.00 | 7,000.00 |
| | Analytical grade; | | | | |
| 149 | Potassium iodide (KI) suitable for plant cell and tissue culture | btl | 1 | 5,000.00 | 5,000.00 |
| | Molecular weight 166; 500 grams; | | | | |
| 150 | Potassium iodide (KI) suitable for plant cell and tissue culture | btl | 1 | 5,000.00 | 5,000.00 |
| | Molecular weight 166; 500 grams; | | | | |
| 151 | Potassium Nitrate (KNO ₃) suitable for plant cell and tissue culture | kgs | 3 | 5,500.00 | 16,500.00 |
| | 1 kilogram of Potassium Nitrate; | | | | |
| 152 | Potassium Phosphate (KH ₂ PO ₄) suitable for plant cell and tissue culture | btl | 3 | 1,200.00 | 3,600.00 |



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| | 500 grams | | | | |
| 153 | Potato Dextrose Agar (PDA), 500 grams | btl | 2 | 4,500.00 | 9,000.00 |
| 154 | PPE Medical Grade Coverall Suit | set | 2 | 300.00 | 600.00 |
| | ■Free size (best fit Small to XL) | | | | |
| | ■Microfiber and Tafetta Water Repellant | | | | |
| | ■Washable and Reusable | | | | |
| | ■Garterized hood, cuffs, ankle and waist | | | | |
| | ■Lightweight | | | | |
| 155 | Primer for Campylobacter | Ampule | 1 | 10,000.00 | 10,000.00 |
| | ■Forward-reverse primer for Campylobacter | | | | |
| | ■Ampule | | | | |
| 156 | Primer for E.coli O157H7 | Ampule | 1 | 10,000.00 | 10,000.00 |
| | ■Primers, forward and reverse oligonucleotides for stx1 and stx 2 of E. coli O157H7 | | | | |
| | ■Ampule | | | | |
| 157 | Primer invA for Salmonella | Ampule | 1 | 10,000.00 | 10,000.00 |
| | ■Primer, oligonucleotides forward and reverse for invA of Salmonella | | | | |
| | ■Ampule | | | | |
| 158 | Primer sets for qPCR | sets | 2 | 5,000.00 | 10,000.00 |
| | Paid services to synthesize, pack the lyophilized primers, and send them to the end user | | | | |
| 159 | Pyridoxine.HCl suitable for plant cell and tissue culture(25g) | btl | 1 | 4,900.00 | 4,900.00 |
| 160 | Rappaport Vasiliadis, 500g | btl | 1 | 4,500.00 | 4,500.00 |
| 161 | Resealable Plastic Bag, Large | pack | 1 | 500.00 | 500.00 |
| | ■resealable pastic bag, zip lock, 340 mm x 450 mm (13" x 18"), 100 pcs per pack | | | | |
| 162 | Resealable Plastic Bag, Medium | pack | 1 | 150.00 | 150.00 |
| | resealable plastic bag, zip lock, 140 mm x 200 mm (5 1/2" x 7 1/2"), 100 pcs per pack | | | | |
| 163 | Resorcinol, AR, 250 grams | btl | 1 | 2,600.00 | 2,600.00 |
| 164 | Rose Bengal (for Biological Stain) | btl | 1 | 3,000.00 | 3,000.00 |
| | Appearance: Dark to reddish brown colored powder | | | | |
| | Compositon: Dye content, greater than or equal to 80% | | | | |
| | Solubility (1mg/mL in water): Clear to slightly hazy red color solution | | | | |
| | Application: Diagnostic assay manufacturing, Hematology, Histology | | | | |
| | Quantity: 25g | | | | |
| | Packaging: Glass Bottle | | | | |
| | Storage temperature: Room temperature | | | | |
| | Grade: Certified by the Biological Stain Commission | | | | |
| 165 | Sabouraud Dextrose Agar, 500g | btl | 1 | 4,800.00 | 4,800.00 |
| 166 | Scalpel Blade | box | 5 | 280.00 | 1,400.00 |
| | ■Stainless Steel | | | | |
| | ■100 blades/box | | | | |
| 167 | Scalpel Handle | pcs | 5 | 70.00 | 350.00 |
| | ■#4, Stainless steel | | | | |
| 168 | Sheather's sugar flotation solution | btls | 2 | 2,000.00 | 4,000.00 |
| | ■Sheather's sugar flotation solution | | | | |
| | ■With a specific gravity of 1.25 to 1.27. | | | | |
| | ■For the fecal flotation method. | | | | |



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| | <ul style="list-style-type: none"> ☐Laboratory grade ☐1 bottle contains 1 L of solution. | | | | |
| 169 | Sieve no.10 with cover and pan | set | 1 | 10,000.00 | 10,000.00 |
| | <ul style="list-style-type: none"> ☐Sieve No. 10 (8" Sieve, All Brass, Full Height, No. 10 Mesh); Eye opening: 2000 μm (0.0787in) ☐Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height) ☐Sieve Cover (8" Brass Sieve Cover Lid) | | | | |
| 170 | Sieve no.50 with cover and pan | sets | 1 | 11,000.00 | 11,000.00 |
| | <ul style="list-style-type: none"> ☐Sieve No. 50 (8" Sieve, All Brass, Full Height, No. 50 Mesh); Eye opening: 300 μm (0.0118in) ☐Sieve Pan (8" Brass Sieve Pan, 2" Deep, Full Height) ☐Sieve Cover (8" Brass Sieve Cover Lid) | | | | |
| 171 | Sodium Chloride | btl | 2 | 750.00 | 1,500.00 |
| | Analytical Reagent Grade 500g per bottle | | | | |
| 172 | Sodium Hydroxide, Technical Grade, 1KG, Pellets | btls | 1 | 500.00 | 500.00 |
| | ☐Technical grade, pellets, 1 kg | | | | |
| 173 | Sodium Iodide | btl | 1 | 1,702.00 | 1,702.00 |
| | <ul style="list-style-type: none"> ☐Anhydrous ☐Lab grade/ Analytical reagent grade ☐Expiration date(3 years from the delivery date) ☐Packed in Teflon bottles | | | | |
| 174 | Soil Scoop/Shovel, plastic | pcs | 10 | 90.00 | 900.00 |
| 175 | Soil Tester Kit - 20 tests | kit | 2 | 3,600.00 | 7,200.00 |
| | Rapid test Soil Tester Kit for pH N P K; 20 tests | | | | |
| 176 | Stainless Steel Mesh Sieve (Set) | set | 1 | 15,000.00 | 15,000.00 |
| | <ul style="list-style-type: none"> ☐Mesh Type: Stainless Steel Mesh ☐Sieve Frame: Stainless Steel Frame ☐Measurement of 6 sieves: <ul style="list-style-type: none"> ◀No. 5 (4,000 micron) ◀No. 10 (2,000 micron) ◀No. 35 (500 micron) ◀No. 60 (250 micron) ◀No. 120 (125 micron) ◀No. 230 (63 micron) ☐Sieve diameter: 7 inches (approximation) ☐Includes: Lid and Catch Pan for every sieve | | | | |
| 177 | Standard Buffer solution | btl | 1 | 1,000.00 | 1,000.00 |
| | pH 4, 1000 ml; calibration certificate included | | | | |
| 178 | Standard Lab Test Sieve | pcs | 3 | 300.00 | 900.00 |
| | <ul style="list-style-type: none"> ☐Stainless Steel Sieve. ☐Size: diameter 20cm, ☐height 5cm. ☐Aperture: 100um ☐mesh 0.15mm aperture | | | | |
| 179 | Standard Method Agar (PCA) | btl | 1 | 4,500.00 | 4,500.00 |
| | Plate Count Agar; 500g; | | | | |
| 180 | Sterile Nuclease-Free Water | btl | 1 | 5,000.00 | 5,000.00 |
| | Sterile Nuclease-Free Water (at least 500ml) | | | | |
| 181 | Stirring Rod | pc | 17 | 50.00 | 850.00 |



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| | <ul style="list-style-type: none"> ■Standard Size ■Good Quality ■with rubber policeman | | | | |
| 182 | Storage Tray | pcs | 10 | 60.00 | 600.00 |
| | <ul style="list-style-type: none"> ■Tray basket organizer ■Product Dimension: L(19.3cm), W(24.5cm), H(6.5cm) ■Plastic, any color | | | | |
| 183 | Sucrose | btl | 1 | 1,000.00 | 1,000.00 |
| | Analytical Reagent Grade 500g per bottle | | | | |
| 184 | Sucrose, Grade I, suitable for plant cell and tissue culture | kgs | 1 | 6,500.00 | 6,500.00 |
| | 1 kilogram; | | | | |
| 185 | Sulfuric Acid - 95-98% | btl | 1 | 5,000.00 | 5,000.00 |
| | <ul style="list-style-type: none"> ■Free from suspended or insoluble matter ■Nominally 95-98% H₂SO₄ ■1 bottle contains 500 mL | | | | |
| 186 | SYBR Green Real-Time PCR Master Mix | set | 1 | 30,000.00 | 30,000.00 |
| | <ul style="list-style-type: none"> ■Use for Real-Time PCR (qPCR) ■Concentration: 2X ■Detection Method: SYBR ■No. of Reactions: =>200 Reactions. ■Total volume: => 5 mL ■With polymerase included (e.g., AmpliTaq Gold DNA Polymerase). | | | | |
| 187 | Tertiary Butyl Alcohol (TBA), Technical, 1L/btl | btl | 1 | 700.00 | 700.00 |
| | tert-Butanol, synthesis grade | | | | |
| | (CH ₃) ₃ COH | | | | |
| 188 | Test Tube Rack, 12 x 4 for 13 x 100mm test tubes | pcs | 3 | 800.00 | 2,400.00 |
| | <ul style="list-style-type: none"> ■Stainless steel; | | | | |
| 189 | Test Tube Rack, 13mm, 90 placer | pc | 2 | 1,500.00 | 3,000.00 |
| | <ul style="list-style-type: none"> ■Propylene, 13mm diameter hole, 90 placer; | | | | |
| 190 | Test Tube Rack, 20 mm x 24 tubes | pc | 3 | 800.00 | 2,400.00 |
| | <ul style="list-style-type: none"> ■Stainless Steel, 20 mm diameter holes, capacity 24 test tubes; | | | | |
| 191 | Test Tube Racks, 12MM x 12Holes | pcs | 3 | 600.00 | 1,800.00 |
| | Stainless Steel Holes Test Tube Rack; | | | | |
| | ;; | | | | |
| 192 | Test Tubes, 16 x 100mm, 100 pcs/ box | boxes | 1 | 5,000.00 | 5,000.00 |
| | <ul style="list-style-type: none"> ■borosilicate glass, heat resistant, rimless; | | | | |
| 193 | Tetrathionate Broth Base, 500g | btl | 1 | 5,000.00 | 5,000.00 |
| 194 | Thiamine.HCl suitable for plant cell and tissue culture (25gms) | btl | 1 | 4,900.00 | 4,900.00 |
| 195 | Thidiazuron (TDZ) | gms | 1 | 15,000.00 | 15,000.00 |
| | suitable for plant tissue culture | | | | |
| 196 | Thin Walled Polymerase Chain Reaction Tubes | pack | 1 | 3,500.00 | 3,500.00 |
| | Thin Walled Polymerase Chain Reaction Tubes, non-sterile, 1000 pcs, 0.2ml, DNase/RNase free (flat cap) | | | | |
| 197 | Tris-acetate-EDTA (TAE) | btl | 1 | 4,800.00 | 4,800.00 |
| | Tris-acetate-EDTA (TAE) buffer 10x, 1000 ml, for molecular biology (or equivalent concentrate | | | | |
| 198 | Tris-EDTA Buffer Solution | btl | 1 | 8,500.00 | 8,500.00 |



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| | Tris-EDTA buffer solution, for molecular biology, pH 8.0±0.1 (25 °C), DNase, RNase, protease, phosphatase-free, 500ml | | | | |
| 199 | Tryptophan | btl | 1 | 2,500.00 | 2,500.00 |
| | Analytical Reagent Grade 500g per bottle | | | | |
| 200 | Trypticase Soy Agar | btl | 1 | 9,000.00 | 9,000.00 |
| | ☐General growth medium | | | | |
| | ☐Powder agar | | | | |
| | ☐500 g per bottle | | | | |
| 201 | Trypticase Soy Broth, 500g | btl | 1 | 3,400.00 | 3,400.00 |
| 202 | Urine Strips (Right Sign) 10u | Box of 100's | 1 | 1,500.00 | 1,500.00 |
| 203 | Utility Bucket | pcs | 3 | 280.00 | 840.00 |
| | ☐Utility bucket/ pail with | | | | |
| | ☐Cover. | | | | |
| | ☐Capacity: 10L Product | | | | |
| | ☐Dimension: L(27cm), W(27cm), H(26cm) | | | | |
| 204 | Vaccum Pump Oil 19 | gallon | 1 | 2,000.00 | 2,000.00 |
| | ☐Vaccum Pump Oil 19 Grade | | | | |
| | ☐atleast 1 Gallon | | | | |
| 205 | Vacutainer EDTA Tubes | tubes | 2 | 1,650.00 | 3,300.00 |
| | ☐blood collection tubes, 2 ml | | | | |
| 206 | Violet Red Bile Agar, 500g | btl | 1 | 4,800.00 | 4,800.00 |
| 207 | Wash Bottle, 250mL cap. | pc | 10 | 200.00 | 2,000.00 |
| | ☐Material: Plastic (good quality); | | | | |
| 208 | Water Purifier Filter Cartridge Sets | sets | 2 | 3,000.00 | 6,000.00 |
| | ☐Water Purifier Filter Cartridge Set: | | | | |
| | ☐Includes: (designed for SCSJ-III 15L Water Purifier) | | | | |
| | ◀2 pieces of 10" Polypropylene Pleated Filter Cartridge (1 or 5 microns) | | | | |
| | ◀4 pieces of 10" Activated Carbon Filter Cartridge | | | | |
| | ☐Purpose: SHOULD fit the SCSJ-III 15L Water Purifier | | | | |
| 209 | Water Quality Test Meter | piece | 1 | 2,000.00 | 2,000.00 |
| | ☐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 15.4cm | | | | |
| | ☐Accurate reading | | | | |
| | ☐Good quality | | | | |
| | ☐Durable | | | | |
| 210 | Whatman®-delete qualitative filter paper, Grade 1, or its equivalent | pack | 3 | 700.00 | 2,100.00 |
| | ☐Material: cellulose filters, circles | | | | |
| | ☐Pack Size: 100 pcs | | | | |
| | ☐manufacturer/tradename-delete | | | | |
| | ☐Tradename: Whatman 1001-325, Whatman Article No. 28413923 (US reference)-delete | | | | |
| | ☐Parameter: 0.25 psi wet burst | | | | |
| | ☐Diameter :25 mm | | | | |
| | ☐Thickness: 180 µm | | | | |
| | ☐Pore size: 11 µm (Particle retention) | | | | |




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| 226 | acA1920-25um Monochrome USB 3.0 Camera (2 megapixel and 25 frames per second) | pc | 1 | 48,000.00 | 48,000.00 |
| |  | | | | |
| 227 | 100X DIN Plan Commercial Grade Objective, NA= 1.25 | pc | 1 | 35,000.00 | 35,000.00 |
| |  | | | | |
| | Rebidding (from GOODS-22-45) | | | | |
| 228 | 20.6 cu.ft. Heavy Duty Side by Side Inverter Refrigerator | unit | 1 | 52,000.00 | 52,000.00 |
| | <ul style="list-style-type: none"> ■ 20 cu.ft. HD Inverter Side by Side Refrigerator ■ No-frost Refrigerator ■ Energy efficient inverter compressor ■ Quick freeze and quick chill mode ■ Digital Temperature Control with LED Display ■ Independent Temperature Control ■ Child Lock ■ Vacation Mode ■ Eco-LED Lights ■ Spill – Proof Tempered Glass Shelves ■ Heavy Duty Handle ■ Textured Body (Rust and Stain Resistant) ■ 3 Twist Ice Cube Trays and Ice Cube Container ■ Adjustable Leveling Feet ■ Input Power: 170W | | | | |
| 229 | Aluminum Soil Moisture Can | pcs | 50 | 60.00 | 3,000.00 |
| | Dimension: 40-50 mm diameter, 30-40 mm height | | | | |
| | Material: Aluminum | | | | |
| 230 | Ammonium Acetate, AR, 500g | pack | 3 | 1,800.00 | 5,400.00 |
| 231 | Ammonium Chloride, Analytical Grade, 500g/btl | btl | 1 | 1,000.00 | 1,000.00 |
| | ■ AR grade, 500g per bottle | | | | |
| 232 | Antibiotic Discs | tubes | 35 | 400.00 | 14,000.00 |
| | Used for sensitivity testing of antibiotic residue | | | | |



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| | 7 tubes per antibiotic group (50 discs/tube) | | | | |
| | 1. 7 tubes- Beta-lactams (Penicillin and Cephalosporins) - Penicillin G, Amoxicillin | | | | |
| | 2. 7 tubes- Sulfonamides - Sulfadiazine, Sulfanilamide and Sulfamidine, Trimethoprim-sulfamethoxazole | | | | |
| | 3. 7 tubes- Tetracyclines - oxytetracycline, tetracycline and doxycycline | | | | |
| | 4. 7 7 tubes- Quinolones - ciprofloxacin, enrofloxacin | | | | |
| | 5. 7 tubes- Macrolides - erythromycin, azithromycin, tilimicosin, tylosin | | | | |
| 233 | Calcium Chloride Dihydrate | btl | 1 | 2,000.00 | 2,000.00 |
| | ☐Branding the chemical to be purchase is following the protocol set for the project's protocol and standards | | | | |
| | ☐Chemical must be plant tissue culture tested for at least 20 years | | | | |
| | ☐ISO complaint | | | | |
| | ☐ACS REAG | | | | |
| | ☐PH EUR | | | | |
| | ☐meets USP Standards | | | | |
| | ☐Bioreagent suitable for cell culture | | | | |
| | ☐500g | | | | |
| 234 | Dial Oven-Safe Thermometer (Bimetal) | unit | 2 | 2,500.00 | 5,000.00 |
| | Reads in 1-2 minutes | | | | |
| | Place 2 - 2 1/2 deep in thickest part of food | | | | |
| | Can be used in roasts, casseroles, and soups | | | | |
| | Not appropriate for thin foods | | | | |
| | Can remain in food while it's cooking | | | | |
| | Heat conduction of metal stem can cause false high reading | | | | |
| | Can be calibrated | | | | |
| 235 | Drager Aspirator Bulb | pieces | 2 | 200.00 | 400.00 |
| 236 | Dryer Oven/Sterilizer with UV Lamp | unit | 1 | 50,000.00 | 50,000.00 |
| | Dryer Oven/Sterilizer with UV Lamp | | | | |
| | Made for the sterilization of various laboratory apparatus | | | | |
| | Constantly heats the inside for the drying of equipment | | | | |
| | Comes with a UV lamp inside the unit for effective sterilization | | | | |
| | Specifications: | | | | |
| | Temperature: 60°C | | | | |
| | Electrical: 220v 0.8KW/4A | | | | |
| | Capacity: 72L | | | | |
| | Dimensions (W x D x H): 59 in x 56 in x 70 in | | | | |
| | Pre-installed UV Light | | | | |
| | Comes with (5) extra UV germicidal lamps | | | | |
| 237 | Fall cone Penetrometer Apparatus | unit | 1 | 20,000.00 | 20,000.00 |
| | 80g weight of test cone (30 degrees apex angle) Aluminum base with dial guage | | | | |
| 238 | Multi-Functional LCD Digital Multimeter Auto Range DMM with Temperature Detector DC AC Voltage | unit | 2 | 2,000.00 | 4,000.00 |
| | ☐Large LCD display of 41mm character height | | | | |



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| | <ul style="list-style-type: none"> ■ Measure DC/AC voltage/current, diode, resistance, capacitance, temperature and continuity test. ■ Max. display value: 6000. ■ Can test the temperature with unit of °C / °F. ■ Includes relative value testing, duty cycle test, data hold, MAX/MIN value hold and auto power off function. ■ With overload protection on all ranges. ■ Low battery indication and warning alarm function. ■ Equipped with a back bracket for supporting multimeter, and also can collect test probe. ■ Protected by rubber for drop protection. ■ Great for troubleshooting automotive and household electrical problems. | | | | |
| 239 | <p>Munsell Soil Color Book</p> <p><i>Color chips are mounted on neutral gray, 7.25x4.25in (184x108mm) water resistant pages in an 8x16in (203x152mm) loose-leaf binder</i></p> | pc | 2 | 12,500.00 | 25,000.00 |
| 240 | <p>NE-300 Just Infusion™ Syringe Pump</p>  | pc | 1 | 14,999.00 | 14,999.00 |
| | <ol style="list-style-type: none"> 1. Holds 1 Syringe from micro-liter sizes up to 60 mL. (140 mL partially filled) 2. Infusion rates from 0.73 µL/hr (1 mL syringe) to 1500 mL/hr (60 mL syringe) 3. Operates from included 12VDC power supply | | | | |
| 241 | Pillow block bearing (1/2" inside diameter) | unit | 4 | 300.00 | 1,200.00 |
| 242 | <p>Shrinkage Limit Glass Plate</p> <p><i>Dimension: 3.25x3.25x0.25 in (83x83x6mm)</i></p> | pc | 4 | 340.00 | 1,360.00 |
| 243 | Sodium Hexametaphosphate, 500g/btl | btl | 1 | 800.00 | 800.00 |
| 244 | <p>Soil Dispersion Mixer</p> <p><i>Meets standards: AASHTO and ASTM</i></p> <p><i>Motor: 1/3 hp</i></p> <p><i>RPM: 1300x0, 16,000, and 18000rpm speeds</i></p> <p><i>Electrical: 115V/60Hz, 7.5Amps or 230V/50-60Hz, 1.3 Amps</i></p> <p><i>With Accessories: Replacement blade and Dispersion cup</i></p> | unit | 1 | 28,000.00 | 28,000.00 |
| 245 | <p>Soil Sample Rings (Core Sampler)</p> <p><i>Dimension: 50-60mm diameter, 50-60 mm height, outer diameter apprx. 53mm with cover or plastic end cups</i></p> <p><i>Material: Aluminum</i></p> | pc | 35 | 140.00 | 4,900.00 |
| 246 | Strontium Chloride | btl | 2 | 479.00 | 958.00 |

