



Republic of the Philippines
Department of Agriculture
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BSWM- BIDS AND AWARDS COMMITTEE SUPPLEMENTAL BID BULLETIN NO. 1

CONTRACT: Supply and Delivery of various Chemicals, Laboratory supplies, Microbiological Parameters and Certified and Quality Reference Materials for CY 2024- IB NO: BSWM 2024-01-020

This Addendum is being issued in accordance with Section 22.5.2 of the IRR of RA 9184, to clarify and modify some provisions of the Bidding Document. THIS SHALL FORM AN INTEGRAL PART OF THE BID DOCUMENT. Likewise, the succeeding agreements and reminders were discussed during the Pre-Bid Conference held last February 15, 2024 at the BSWM Function Room and via Videoconferencing-Zoom.

AMENDMENTS OF THE BIDDING DOCUMENT:

ORIGINAL	AMENDED
Section I. Invitation to Bid:	Section I. Invitation to Bid:
Lot 1- Supply and Delivery of various Chemicals (ABC: PhP 6,178,040.00)	Lot 1- Supply and Delivery of various Chemicals (ABC: PhP 6,094,040.00)
Lot 2- Supply and Delivery of various Laboratory supplies (ABC: PhP 4,429,950.00)	Lot 2- Supply and Delivery of various Laboratory supplies (ABC: PhP 4,420,950.00)
Lot 3- Supply and Delivery of various Microbiological Parameters (ABC: PhP 554,300.00)	Lot 3- Supply and Delivery of various Microbiological Parameters (ABC: PhP 554,300.00)
Lot 4- Supply and Delivery of various Certified and Quality Reference Materials (ABC: PhP 2,856,960.00)	Lot 4- Supply and Delivery of various Certified and Quality Reference Materials (ABC: PhP 2,856,960.00)
	Cost of Bidding Document:
	Lot 1- PhP 6,000.00
	Lot 2- PhP 5,000.00
	Lot 3- PhP 600.00
	Lot 4- PhP 3,000.00
Section II. Invitation to Bid:	Section II. Invitation to Bid:
Clause 19.4	Clause 19.4
One Project having several items per lot, which shall be awarded as one contract per lot.	Lot 1, Lot 2 and Lot 4- One Project having several items per lot, which shall be awarded per line-item basis.
	Lot 3- One Project having several items per lot, which shall be awarded as one contract per lot.
	Please see attached Annex C for the Revised Section VII. Technical Specifications (For Lots 1 and 2)
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REMINDERS DURING THE PRE-BID CONFERENCE:

RA 9184 Section 30.1:

Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

"Any lacking document can cause the submitted bid be automatically rated failed."

GPPB Resolution No. 15-2021 dated October 14, 2021

For the purpose of updating the Certificate of Registration and Membership, all Class "A" eligibility documents mentioned in Section 8.5, supporting the veracity, authenticity and validity of the Certificate shall remain current and updated. The failure by the prospective bidder to update its Certificate with the current and updated Class "A" eligibility documents shall result in the automatic suspension of the validity of its Certificate until such time that all of the expired Class "A" eligibility documents has been updated.

• Below are the **acceptable forms of bid security** that bidders may opt to use, **which shall include the Bid Securing Declaration.** The amount of which shall not be less than the required percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security [Not less than the required Percentage of the ABC)
Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Two percent (2%)
Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	Two percent (2%)
Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)
Bid Securing Declaration (Signed and Notarized)	

NOTE: Bidders SHALL use ATTACHED template of Bid Securing Declaration.

Other forms of Bid Securing Declaration will NOT BE ACCEPTED and SHALL BE RATED "FAILED".

Please note that your Bids and Bid Securities should be valid and firm for a period that shall not exceed one hundred twenty (120) calendar days after the date of the opening of bids.

• Net Financial Contracting Capacity (NFCC):

The computation of a prospective bidder's NFCC must be at least equal to the ABC to be bid or, for procurement by lot, at least equal to the sum of all the ABCs of lots to which it participated.

NFCC= Current assets minus current liabilities multiplied by 15 (constant factor) minus the value of all outstanding or uncompleted portions of on-going contracts, including awarded contract/s yet to be started, coinciding with the contract to be bid.

Awarding and Delivery Requirement: Delivery of goods is required within 60 calendar days upon receipt of NTP.

Important Reminders:

Supplier shall coordinate with the End-user and Property Management Unit for final schedule of delivery.

To schedule the delivery, please click this link or scan the QR code:

https://sites.google.com/view/pmuscheduleofdelivery/home



Sealing and Marking of Bid:

The bidders shall submit:

- ✓ One (1) ORIGINAL COPY.
- ✓ One (1) DUPLICATE COPY.
- ✓ One (1) PDF COPY in a USB to be placed inside the Duplicate Copy of Technical Proposal and Duplicate Copy of Financial Proposal.

NOTE:

- All photocopied documents must be stamped and signed "Certified True Copy".
- And all pages/documents must be duly signed by the authorized representative (both original and duplicate copies).
- For easy reference, all bidders are requested to provide dog-ear codes/ tabs in the presentation of their documents.

Reminders:

- Bidders responsibility to read, study, and review the Bidding Document and Bid Bulletin/s of the procurement project.
- Further clarification/s on the Bidding Document shall be in writing and must be submitted 10 days before the Opening of Bids.
- All bidders who wish to join the bidding shall download the attached document from PhilGEPS website to be included in the Document Request List (DRL).
- Bidders may download the updated Bidding Forms at GPPB Website (https://www.gppb.gov.ph/downloadables.php).
- In case of withdrawal of submitted bid, a letter stating their intention to withdraw from the project should be submitted by the bidder not later than the scheduled deadline of submission and opening of bids.
- Bidders declared to have the Lowest/ Single Calculated Bid will be subject for Post-qualification.
- Bidder shall submit the additional requirements listed on the NOTICE as LCB/ SCB within five (5) calendar days from receipt of Notice for Post qualification. Non-compliance can be grounds for post-disqualification.
- Winning Bidders declared to have the Lowest/Single Calculated and Responsive Bid shall submit its Performance Bond and Signed Contract Agreement within ten (10) calendar days from receipt of Notice of Award. Non-compliance can be grounds for forfeiture of award.
- Bidders shall comply **STRICTLY** with Section VI. Schedule of Requirement

Note:

NO EXTENSION shall be accepted/ entertained except on meritorious grounds. Late delivery without approved extension request shall be liable for liquidation damages in accordance with Section 3.1 Annex D of RA 9184.

Letter of extension shall receive by the BAC Secretariat before the lapse of the original delivery requirement.

Clause 4. Section II. Instruction to Bidders: Corrupt, Fraudulent, Collusive, and Coercive Practices

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

A complete set of Bidding Document may be acquired by interested Bidders until **February 28, 2024 3:00PM** from the address and website.

DEADLINE/SCHEDULE OF SUBMISSION AND OPENING OF BIDS:

Deadline of submission of bid proposals is on **February 29, 2024, 9:00AM**. Late submission shall not be accepted.

Opening of Bids is on February 29, 2024, 9:30AM at BSWM Convention Hall and via videoconferencing

For guidance and information of all concerned.

(Sgd)DENISE A. SOLANO BAC Chairperson

ANNEX A

BSWM Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of Bid Security]

REPUBLIC OF THE PHILI	PPINES)
CITY OF) S.S

BID SECURING DECLARATION

Project Identification No.: [Insert number]

To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

- I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
- I/We shall furnish the required performance security within ten (10) calendar days in/ Case of receipt of Notice of Award (pursuant to GPPB Circular No. 04-2020 and GPPB Resolution No. 16-2020).
- 3. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
- 4. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
- a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
- b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
- c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ______day
of [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

ANNEX B

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES) CITY/MUNICIPALITY OF) S.S.	

AFFIDAVIT

- I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:
- 1. [Select one, delete the other:]

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. [Select one, delete the other:]

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- 9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this _	_ day of	, 20	_at _	
Philippines.				

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

ANNEX C

Section VII. Technical Specifications

Item	Specification	Statement of Compliance

[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]

Lot 1- Supply and Delivery of various Chemicals

Item No.	Item Description	Quantity	Statement of Compliance
	Supply and Delivery of various Chemicals		
	LSD NSHP 2024-01-0050		
1	NIST Traceable pH Buffer Solution	17	
	pH 7.00; 1L/bottle	17	
2	NIST Traceable pH Buffer Solution	17	
	pH 4.00; 1L/bottle		
3	NIST Traceable pH Buffer Solution pH 10.00; 1L/bottle	17	
	EC Standard NIST Traceable with Certificate of		
4	Analyis, 84uS/cm, 500 ml/bottle	17	
	EC Standard NIST Traceable with Certificate of		
5	Analyis, 12.88mS/cm, 5bottle x60mL	17	
-	EC Standard NIST Traceable with Certificate of	17	
6	Analyis, 147uS/cm, 500 ml/bottle	17	
7	EC Standard NIST Traceable with Certificate of	17	
,	Analyis, 1413uS/cm, 500 ml/bottle	17	
8	Iron Standard (NIST Traceable with Certificate of	17	
	Analysis), 500mL/bottle		
9	Manganese Standard (NIST Traceable with Certificate	17	
	of Analysis), 500mL/bottle Zinc Standard (NIST Traceable with Certificate of		
10	Analysis), 500mL/bottle	17	
	Copper Standard (NIST Traceable with Certificate of		
11	Analysis), 500mL/bottle	17	
4.0	Calcium Standard (NIST Traceable with Certificate of		
12	Analysis), 500mL/bottle	17	
13	Magnesium Standard (NIST Traceable with Certificate	17	
13	of Analysis), 500mL/bottle	1/	
14	Sodium Standard (NIST Traceable with Certificate of	17	
- 1	Analysis), 500mL/bottle	17	
15	Potassium Standard (NIST Traceable with Certificate	17	
	of Analysis), 500mL/bottle		
16	Phosphorus Standard, 500ml/bottle, NIST Traceable	17	
	with Certificate of Analysis		

17	Standard metal solutions for ICP, NIST Traceable with COA, 500mL/bottle:	2	
18	Cu, Fe, Mn, Zn, Ca, Mg, Na, K, Pb, As, Hg, Cd, Ag, Cr, Ni L-lysine Monohydrochloride, NIST Traceable with Certificate of Analyis AR, 100g/bottle	17	
19	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analyis, ≥99% Powder, 100g/bottle	2	
20	Sucrose Standard, NIST Traceable with Certificate of Analyis, 100g/bottle	2	
21	Electrolyte solution, 3 M KCl, 50 mL, with Certificate of Analysis	6	
22	REFERENCE ELECTROLYTE FILL SOLUTION, 3.5 M KCl, 30 mL for double junction electrode, set of 4, with Ceritificate of Analysis	2	
23	Buffer Powder Pillows, pH 4.01, Color-coded Red, 250pcs./pk, NIST Traceable with COA	1	
24	Buffer Powder Pillows, pH 7.00 Color-coded Yellow, 250pcs./pk, NIST Traceable with COA	1	
25	Buffer Powder Pillows, pH 10.01 Color-coded Blue, 250pcs./pk, NIST Traceable with COA	1	
26	Standard phosphate solution, AR, 500mL/btl, NIST Traceable with COA	5	
27	Nitrate Standard, AR, 500mL/btl, NIST Traceable with COA	5	
28	Sodium hydroxide, pellets, 1 Kg/pack, Technical Grade	20	
29	Sodium hydroxide, flakes, 2 Kg/pack, Technical Grade	20	
30	Sodium Bicarbonate, AR, 500g/bottle	18	
31 32	Sodium Dithionite, AR, 500g/bottle	15 15	
33	Sodium Acetate, AR, 500g/bottle Sodium Citrate Tribasic Dihydrate, AR, 500g/bottle	15	
34	Ammonium Acetate, AR 98%, 500g/bottle	10	
35		7	
36	Ammonium Fluoride, AR grade, 500g/bottle	15	
37	Potassium Dichromate, AR, Powder, 500g/bottle	5	
	Ammonium Sulfate, AR, 500g/bottle		
38	Copper sulfate pentahydrate, AR, 500g/bottle	5	
39	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	10	
40	Ascorbic Acid, 100g/bottle, AR	10	
41	Potassium Antimony Tartrate, AR, 500g/bottle	20	
42	Methyl Red, AR, 5g/bottle	5	
43	Bromocresol green, AR, 5g/bottle	8	
44	Boric Acid AR, 500g/bottle	10	
45	Activated Charcoal, AR, Phosphate free, 1kg/bottle	5	
46	Sodium Hexametaphosphate, AR, 500g/bottle	20	
47	Chlorophenol Red, Indicator grade, AR, 5g/bottle,	7	
48	Bromothymol Blue Indicator, AR, 5g/bottle	5	
49	Sodium Cobaltinitrite, extra pure, AR, 100g/bottle	10	
50	Phenolphthalein, 500g/bottle, AR	6	
51	Ammonium metavanadate, AR, powder, 500g/bottle	2	
52	Ammonium Chloride, AR, 500g/bottle	6	
53	Ammonium hydroxide, conc., AR, 2.5 L/bottle	8	
54	Potassium chloride, AR, 500g/bottle	10	
55	Potassium Chromate, AR, 500g/bottle	7	
56	Silver Nitrate, AR, 250g/bottle	1	

57	Sodium chloride, AR, 500g/bottle	18	
58	Calcium Carbonate, 500g/bottle, AR	5	
59	Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle	2	
60	Potassium Nitrate, AR, 500g/bottle	2	
61	Magnesium Chloride hexahydrate, 500g/bottle, AR	2	
62	Kjeltabs VCM, Content per tablet: 3.5g Potassium Sulfate and 0.1g Copper Sulfate, 1000pcs/box. Attached SDS/COA of item	3	
63	Sodium Nitrite, AR, 500g/bottle	20	
64	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	6	
65	Sulphanilamide, AR, 50 g/btl	5	
66	N-(1-naphtyl)-ethylenediamine dihydrochloride	5	
67	(NED), AR, 100g/btl Zinc powder, 99.99%, AR, 10g/btl	5	
68	p-nitroaniline, AR, 500g/btl	<u>5</u>	
69	Potassium bromide, AR, 250g/btl	5	
70	Aluminum potassium sulfate, AR, 100g/btl	5	
71	Aluminum ammonium sulfate, AR, 500g/btl	5	
72	Tin wire, >99.99% purity, 1m, diameter:0.5mm	5	
73	Polyvinyl alcohol (PVA), AR grade, 250g, 99.999%	5	
74	purity Sodium Carbonate, AR, 500g/btl	5	
75	Metacresol purple, AR, 5g/btl	5	
76	gum acacia, AR, 500g/bottle	2	
77	Barium Chloride dihydrate, AR, 500g/bottle	2	
	Sulfuric Acid, AR, Concentrated 2.5 L/bottle, staggered		
78	delivery Statutory Requirements: Must have PNP permit to purchase or equivalent	20	
79	Hydrochloric Acid, AR, Concentrated, 2.5 L/bottle, staggered Statutory Requirements: Must have PNP permit to purchase or equivalent	20	
80	Nitric Acid, AR, 2.5L/bottle ≥68%, staggered delivery Statutory Requirements: Must have PNP permit to purchase or equivalent	10	
81	Orthophosphoric Acid (Analytical/Lab Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >99% Purity), 500ml/bottle	10	
82	Hydrogen Peroxide, AR, 30-50%, 500ml/bottle Statutory Requirements: Must have PNP permit to purchase or equivalent	8	
83	Chromotropic acid, AR, 100g/btl	5	
84	Malonic acid, AR, 500g/btl	5	
85	Acetic acid, 99%, 1000mL/bottle	2	
86 87	Ethanol, technical grade, 95%, 20L/ carboy	20 10	
88	Triethanol amine, AR, 1 L/Bottle Ethanol AR ≥ 99% 2.5 L/bottle	30	
89	Amyl Alcohol, ≥99%, 1000ml/bottle	3	
90	Isopropyl alcohol, 70%, 1000mL/bottle	15	
91	Toluene, Certified ACS, ≥99.5%, 500ml/bottle	1	
	Calcium Chloride Dihydrate, ACS, 500g/bottle		
92	at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and	1	
93	expiry date/shelf life Maleic acid, ACS 99.0%, 500g/btl	1	
94	Citric Acid, ACS, 100g/bottle at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	1	
95	Di-sodium p-nitrophenyl phosphate hexahydrate, suitable for enzyme immunoassay, ≥99.0% (enzymatic), 5g/bottle	1	
96	p-nitrophenol, ACS, ≥99%, 50g/btl	1	
-			

	LSD PD 1435 2024-01-0050		
	ICP-OES Standard - Arsenic		
97	ICP Standard NIST Traceable with Certificate of	2	
, , ,	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	_	
	acid (nominal concentration), 100 mL ICP-OES Wavelength Calibration Solution; 500 mL,		
	contains 50 mg/L Al, As, Ba, Cd, Co, Cr, Cu, Mn, Mo, Ni,		
98	Pb, Se, Sr, Zn and 500 mg/L K in 5 % HNO3	3	
, ,	with Certificate of Analysis & Material Safety Data	3	
	Sheet		
	ICP-OES Standard - Aluminum		
99	ICP Standard NIST Traceable with Certificate of	2	
, , ,	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	_	
	acid (nominal concentration), 100 mL ICP-OES Standard - Boron		
	ICP-OES Standard - Boron ICP Standard NIST Traceable with Certificate of		
100	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Barium		
101	ICP Standard NIST Traceable with Certificate of	2	
101	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Cadmium ICP Standard NIST Traceable with Certificate of		
102	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Calcium		
103	ICP Standard NIST Traceable with Certificate of	2	
103	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Chromium		
104	ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Cobalt		
105	ICP Standard NIST Traceable with Certificate of	2	
105	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Copper		
106	ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Iron		
107	ICP Standard NIST Traceable with Certificate of	2	
107	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Lead		
108	ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Magnesium		
109	ICP Standard NIST Traceable with Certificate of	2	
109	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Manganese		
110	ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Molybdenum		
111	ICP Standard NIST Traceable with Certificate of	2	
111	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
	ICP-OES Standard - Nickel		
112	ICP Standard NIST Traceable with Certificate of	2	
	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL		
	ICP-OES Standard - Potassium		
110	ICP Standard NIST Traceable with Certificate of		
113	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric	2	
	acid (nominal concentration), 100 mL		
114	ICP-OES Standard - Sodium	2	
	ICP Standard NIST Traceable with Certificate of		

Analysis, 1 g.H. equivalent 1000 ug/ml. As in nitric acid (nominal concentration), 10 ml. ICP-OES Standard Strontium ICP-OES Standard Strontium ICP-OES Standard Strate with Certificate of Analysis, 1 g.H. equivalent 1010 ug/ml. As in nitric acid (nominal concentration), 10 ml. ICP-OES Standard Strate with Certificate of Analysis, 1 g.H. equivalent 1010 ug/ml. As in nitric acid (nominal concentration), 100 ml. ICP-OES Standard Strate (ICP) ug/ml. As in nitric acid (nominal concentration), 100 ml. ICP-OES Standard Strate (ICP) ug/ml. As in nitric acid (nominal concentration), 100 ml. ICP-OES Standard Strate (ICP), AR, 500g/bortle acid (nominal concentration), 100 ml. ICP-OES Standard Concentration), 100 ml. ICP-OES Standard Strate (ICP), AR, 500g/bortle acid (nominal concentration), 100 ml. ICP-OES Standard Strate acid (EDTA), AR, 500g/bortle acid (nominal concentration), 100 ml. ICP-OES Standard Strate acid (EDTA), AR, 500g/bortle acid (nominal concentration), 100 ml. ICP-OES Standard Strate acid (EDTA), AR, 500g/bortle acid (nominal concentration), 100 ml. ICP-OES Standard Strate acid (EDTA), AR, 500g/bortle acid (nominal concentration), 100 ml. ICP-OES Standard Strate acid (EDTA), AR, 500g/bortle acid (ICP-OES), 100 ml. ICP-OES Standard Strate acid (EDTA), AR, 500g/bortle acid (ICP-OES), 100 ml. ICP-OES Standard Strate acid (ICP-OES), 100 ml. ICP-OES Standard (INST Traceable with Certificate of Analysis, 1,00 ml.,00 ml.,00 ml. ICP-OES Standard (INST Traceable with Certificate of Analysis, 1,00 ml.,00 ml.,	acid (nominal concentration), 100 mL ICP-OES Standard - Strontium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL 117 Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
ICP-OES Standard Strontium ICP-OES Standard NTS Traceable with Certificate of Analysis, 12, Lequivalent 1000 ug/ml. As in nitric acid (nominal concentration), 100 ml. ICP-OES Standard Caric ICP-OES Caric	ICP-OES Standard - Strontium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL 117 Ethylenediaminetetracetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH Ruffer Solution pH Ruffer Solution	
ICP Standard NIST Traceable with Certificate of Analysis, 1g.H. equivalent 1000 gg/ml. As in nitric acid (nominal concentration), 100 ml.	ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle LSD REG 2024-01-0050 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution	
Analysis, 1, 2f. Lequivalent 1,000 ug/mL As in nitric and (nominal connectration, 1) non. 1 116 ICP-OBS Standard - Zina (1) 117 ICP-OBS Standard - Zina (1) 118 ICP-OBS Standard Tirraceable with Certificate of Analysis, 1, 2f. Lequivalent 1,000 ug/mL As in nitric and (nominal concentration), 100 nl. 1 117 Ellylenediaminetetraacetic acid (EDTA), AR, 500 g/bottle Ammonium Nitrate Ammonium Rivoride, AR grade, 98% 500 g/bottle 119 Ammonium Rivoride, AR grade, 98% 500 g/bottle 119 Ammonium Rivoride, AR grade, 98% 500 g/bottle 119 Ammonium Rivoride, AR grade, 98% 500 g/bottle 120 plt 7,00,11/bottle 121 plt 7,00,11/bottle 122 plt 7,00,11/bottle 123 All Sinchard 124 plt 7,00,11/bottle 125 plt 1,00,11/bottle 126 ES Standard NIST Traceable with Certificate of Analysis, 248,05/cm, 5bottle schml. 127 Analysis, 248,05/cm, 5bottle schml. 128 ES Standard NIST Traceable with Certificate of Analysis, 1288m/5,00 ml/bottle 129 ES Standard NIST Traceable with Certificate of Analysis, 147,15/cm, 5bottle schml. 120 ES Standard NIST Traceable with Certificate of Analysis, 147,15/cm, 500 ml/bottle 120 ES Standard (NIST Traceable with Certificate of Analysis, 147,15/cm, 500 ml/bottle 120 Amaganies Standard (NIST Traceable with Certificate of Analysis, 300ml/bottle, 1000ppm 120 Amaganies Standard (NIST Traceable with Certificate of Analysis, 300ml/bottle, 1000ppm 120 Amalysis, 300ml/bottle, 1000ppm 121 Amalysis, 300ml/bottle, 1000ppm 122 Analysis, 300ml/bottle, 1000ppm 123 Analysis, 300ml/bottle, 1000ppm 124 Analysis, 300ml/bottle, 1000ppm 125 Analysis, 300ml/bottle, 1000ppm 126 Analysis, 300ml/bottle, 1000ppm 127 Analysis, 300ml/bottle, 1000ppm 128 Analysis, 300ml/bottle, 1000ppm 129 Analysis, 300ml/bottle, 1000ppm 130 Analysis, 300ml/bottle, 1000ppm 140 Analysis, 300ml/bottle, 1000ppm 151 Analysis, 300ml/bottle, 1000ppm	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL 117 Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle LSD REG 2024-01-0050 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
Anlaysis, 1 yd. equivalent 1000 ug/mi. As in niric acid (nominal concentration), 100 ml. 116 ICP-OES Standard - Zinc 117 ICP-OES Standard - Zinc 118 Aralysis, 1 yd. equivalent 1000 ug/mi. As in niric acid (nominal concentration), 100 ml. 119 Ethylenediaminetetraacetic acid (EDTA), AR, 3 3 John Million Million Million Million Million Arabysis, 1 yd. equivalent 1000 ug/mi. As in niric acid (nominal concentration), 100 ml. 118 Arabysis designation must have PNP required permits on Controlled Chemicals and must have COA permits on Controlled Chemicals on Chemicals and must have COA permits on Controlled Chemicals on Chemicals and Chemicals	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle LSD REG 2024-01-0050 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
ICP-OFS Standard J. Zinc Creating and Commission Concentration, 1 00 mL Creating and Commission Controlled Chemicals and must have COA Creating Commission Commissio	ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle LSD REG 2024-01-0050 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
116	ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle LSD REG 2024-01-0050 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution	
Analysis, 12, 12, Lequivalent 1000 ug/m. As in nitric acid (cominal concentration), 100 ml. 117	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL 117 Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
Analysis, 19,1 equivalent 1000 mg/mi. As in mirca city (inominal concentration), 100 mi. 117 Subylenediamineterracetic acid (EDTA), AR, 500 g/bottle Ammonium Nitrate Ammonium Nitrate Ammonium Nitrate Ammonium Nitrate Ammonium Nitrate Ammonium Nitrate Ammonium Pitouride Chemicals and must have COA or MSDS included permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride, AR grade, 98% 500 g/bottle 120 Ammonium Fluoride, AR grade, 98% 500 g/bottle 121 MS BRG 2024-01-050 MIST Traceable pH Buffer Solution pH 7.00: 11/bottle 2 pH 7.00: 11/bottle 2 pH 7.00: 11/bottle 2 pH 9.00: 11/bottle 4 pm 9.00:	Analysis, 1 g/L equivalent 1000 ug/mL As in nitric acid (nominal concentration), 100 mL 117 Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
Bithylenediaminetetraacetic acid (EDTA), AR, 3 Ammonium Nitrate	117 Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
Ammonium Nirate AR 1kg/bottle/Supplier must have PNP required partition of Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride, AR grade, 98% 500 g/bottle 120 PST Traceable pH Buffer Solution pH 7.00; 11/bottle 121 NIST Traceable pH Buffer Solution pH 4.00; 11/bottle 122 PST Traceable pH Buffer Solution pH 4.00; 11/bottle 123 Analysis, 840s/cm, 500 ml/bottle 124 EC Standard NIST Traceable with Certificate of Analysis, 28 Msp. 7m, 500 ml/bottle 125 ALS Solution, 500 ml/bottle 126 EC Standard NIST Traceable with Certificate of Analysis, 140s/cm, 500 ml/bottle 127 Analysis, 140s/cm, 500 ml/bottle 128 EC Standard NIST Traceable with Certificate of Analysis, 140s/cm, 500 ml/bottle 129 EC Standard NIST Traceable with Certificate of Analysis, 140s/cm, 500 ml/bottle 120 EC Standard NIST Traceable with Certificate of Analysis, 140s/cm, 500 ml/bottle 120 Analysis, 140s/cm, 500 ml/bottle 121 Analysis, 140s/cm, 500 ml/bottle 122 Analysis, 140s/cm, 500 ml/bottle 123 Analysis, 140s/cm, 500 ml/bottle 124 Analysis, 140s/cm, 500 ml/bottle 125 Analysis, 140s/cm, 500 ml/bottle 126 Analysis, 140s/cm, 500 ml/bottle 127 Analysis, 140s/cm, 500 ml/bottle 128 Analysis, 140s/cm, 500 ml/bottle 140s/cm, 500 ml/bottle 140s/cm, 500 ml/bottle 150s/cm, 500 ml/bottle 150s/	117 500g/bottle Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
Ammonium Nitrate A Risg/bottle, Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDs included 119 Ammonium Fluoride, AR grade, 98% 500 g/bottle 120 pH 7.00; 1L/bottle 121 NST Traceable pH Buffer Solution pH 0.00; 1L/bottle 122 NST Traceable pH Buffer Solution pH 0.00; 1L/bottle 123 E Standard NIST Traceable with Certificate of Analysis, 1840; m, 500 ml/bottle 124 E Standard NIST Traceable with Certificate of Analysis, 1840; m, 500 ml/bottle 125 E Standard NIST Traceable with Certificate of Analysis, 1840; m, 500 ml/bottle 126 E Standard NIST Traceable with Certificate of Analysis, 1840; m, 500 ml/bottle 127 E Standard NIST Traceable with Certificate of Analysis, 1840; m, 500 ml/bottle 128 E Standard NIST Traceable with Certificate of Analysis, 1840; m, 500 ml/bottle 129 Analysis, 1850; m, 500 ml/bottle 120 E Standard NIST Traceable with Certificate of Analysis, 1850; m, 500 ml/bottle 120 E Standard NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 129 Z Standard NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 120 E Standard NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 131 Calcium Standard (NIST Traceable with Certificate of Analysis), 500ml, /bottle, 1000ppm 132 Magnesium Standard (NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 133 Analysis, 500ml, /bottle, 1000ppm 134 G Potassium Standard (NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 135 Sodium Standard (NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 136 Sodium Standard (NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 137 (Sodium Standard (NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 138 Alster Standard NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 139 Sodium Standard (NIST Traceable with Certificate of Analysis, 500ml, /bottle, 1000ppm 140 Potassium Standard (NIST Traceable with Certificate of Analysis	Ammonium Nitrate AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
AR 1 Rg/bottle-Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDs included or MSDs included in Mist Praceable pH Buffer Solution ph 17-00; 11/bottle 120	AR 1kg/bottle,Supplier must have PNP required permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution 2	
permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride, AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 11/bottle 121 NIST Traceable pH Buffer Solution pH 0.00; 11/bottle 122 NIST Traceable pH Buffer Solution pH 0.00; 11/bottle 123 EC Standard NIST Traceable with Certificate of Analysis, 128mS/cm, 500 ml/bottle 124 EC Standard NIST Traceable with Certificate of Analysis, 147uS/cm, 500 ml/bottle 125 EC Standard NIST Traceable with Certificate of Analysis, 147uS/cm, 500 ml/bottle 126 EC Standard NIST Traceable with Certificate of Analysis, 147uS/cm, 500 ml/bottle 127 Analysis, 145uS/cm, 500 ml/bottle 128 Iron Standard (NIST Traceable with Certificate of Analysis, 145uS/cm, 500 ml/bottle 129 Analysis, 150ml./bottle, 1000ppm 120 Analysis, 150ml./bottle, 1000ppm 130 Analysis, 150ml./bottle, 1000ppm 140 Analysis, 150ml./bottle, 1000ppm 151 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 152 Analysis, 150ml./bottle, 1000ppm 153 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 164 Copper Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 175 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 186 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 187 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 188 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 189 Calcium Standard (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 190 Analytical Reagent (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 191 Analytical Reagent (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 192 Analytical Reagent (NIST Traceable with Certificate of Analysis), 50ml./bottle, 1000ppm 193 Calcium Standard, 50ml./bottle, 1000ppm 194 Analytical Reagent (NIST Traceable with Certificate of Analysis)	permits on Controlled Chemicals and must have COA or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution 2 NIST Traceable pH Buffer Solution 2 NIST Traceable pH Buffer Solution 2	
119	or MSDS included 119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 1 LSD REG 2024-01-0050 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle 2 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle 2	
130	119 Ammonium Fluoride , AR grade, 98% 500 g/bottle 1 LSD REG 2024-01-0050 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle 2 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle 2	
120	LSD REG 2024-01-0050 120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle	
120	120 NIST Traceable pH Buffer Solution pH 7.00; 1L/bottle 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution NIST Traceable pH Buffer Solution	
120	pH 7.00; 1L/bottle 121 NIST Traceable pH Buffer Solution pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution	
121	121 NIST Traceable pH Buffer Solution 2 pH 4.00; 1L/bottle NIST Traceable pH Buffer Solution	
121	pH 4.00; 1L/bottle NIST Traceable pH Ruffer Solution	
122 NIST Traceable pH Buffer Solution 2 2 2 2 3 2 3 4 2 2 3 2 3 4 2 3 4 2 3 4 2 3 4 3 3 4 3	NIST Traceable pH Ruffer Solution	
123 EC Standard NIST Traceable with Certificate of Analysis, 84uS/cm, 500 ml/bottle 124 EC Standard NIST Traceable with Certificate of Analysis, 124 Miss (Miss of Analysis), 125 Miss (Miss		
EC Standard NIST Traceable with Certificate of Analysis, 94uS/cm, 500 ml/bottle EC Standard NIST Traceable with Certificate of Analysis, 12.88mS/cm, 500 ml/bottle 2		
124 EC Standard NIST Traceable with Certificate of Analysis, 12.88mS/cm, 5bottle x60ml. 125 EC Standard NIST Traceable with Certificate of Analysis, 12.88mS/cm, 5bottle x60ml. 126 EC Standard NIST Traceable with Certificate of Analysis, 14.13uS/cm, 500 ml/bottle 127 Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 128 of Analysis, 500mL/bottle, 1000ppm 129 Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 130 Copper Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 131 Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 132 Capper Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 133 Analysis, 500mL/bottle, 1000ppm 144 Of Analysis, 500mL/bottle, 1000ppm 155 Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 166 Analysis, 500mL/bottle, 1000ppm 176 Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 186 Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm 187 Phosphorus Standard, ST Traceable with Certificate of Analysis, 500mL/bottle, 1000ppm 188 Phosphorus Standard, ST Traceable with Certificate of Analysis, 500mL/bottle, 1000ppm 198 Phosphorus Standard, 500mL/bottle, NIST Traceable with Certificate of Analysis, 500mL/bottle, 1000ppm 199 Phosphorus Standard, S00mL/bottle, NIST Traceable with Certificate of Analysis, 500mL/bottle, 1000ppm 190 Phosphorus Standard, S00mL/bottle, NIST Traceable with Certificate of Analysis, 500mL/bottle, 1000ppm 190 Phosphorus Standard, S00mL/bottle, NIST Traceable with Certificate of Analysis, S00mL/bottle, NIST Traceable, S00 mL/bottle 1000ppm 100 Note: 100 Note: 100 Nist Traceable Nitrate (NO3), S00 mL/bottle 100 Note: 100 Nist Traceable Nitrate (NO3), S00 mL/bottle 100 Nitrate Analysis, S00 mL/bottle 100 Nitrate Analysis, S00 mL/bottle 100 Nitrate Analysis, S00 mL/bottle 100 Nitrate Analysis	EC Standard NIST Traccable with Cartificate of	
124		
125 EC Standard NIST Traceable with Certificate of Analysis, 147us/cm, 500 ml/bottle 126 EC Standard NIST Traceable with Certificate of Analysis, 147us/cm, 500 ml/bottle 127 Iron Standard (NIST Traceable with Certificate of Analysis, 1500ml./bottle, 1000ppm 128 Manganees Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 129 Zinc Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 130 Copper Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 141 Calcium Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 151 Calcium Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 162 Magnesium Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 173 Magnesium Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 184 Potassium Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 185 Phosphorus Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 186 Potassium Standard (NIST Traceable with Certificate of Analysis), 500ml./bottle, 1000ppm 185 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 500ml./bottle, 1000ppm 186 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 100ml./bottle, 1000ppm 186 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 100ml./bottle, NIST Traceable Nitrate (NO3), 500 ml/bottle 187 NIST Traceable Nitrate (NO3), 500 ml/bottle 188 NIST Traceable Nitrate (NO3), 500 ml/bottle 198 Note: Analytical Reagent (Powdered) included Delivery Charge Acids Reagent included Delivery Charge Solvents Reagent included Delivery Charge Nist Traceable - AAS Standard -Sodium 500 ml. (1000ppm) 188 - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life NIST Traceable - AAS Standard -Zine 500 ml. (1000ppm)	FC Standard NIST Traceable with Cartificate of	
125 EC Standard NIST Traceable with Certificate of Analyis, 147uS/cm, 500 ml/bottle 2 2 2 2 2 2 2 2 2		
125 Analyis, 147uS/cm, 500 ml/bottle 126 EC Standard NIST Traceable with Certificate of Analyis, 1413uS/cm, 500 ml/bottle 127 Iron Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 1 Analysis, 500ml/bottle, 1000ppm 1 Copper Standard (NIST Traceable with Certificate of Analysis, 500ml/bottle, 1000ppm 2 Analysis, 500ml/bottle, 1000ppm 3 Analysis, 500ml/bottle, 1000ppm 4 Analysis, 500ml/bottle, 1000ppm 2 Analysis, 500ml/bottle, 1000ppm 3 Analysis, 500ml/bottle, 1000ppm 4 Analysis, 500ml/bottle, 1000ppm 4 Analysis, 500ml/bottle, 1000ppm 5 Analysis, 500ml/bottle, 1000ppm 6 Analysis, 500ml/bottle, 1000ppm 7 Analysis, 500ml/bottle, 1000ppm 8 Phosphorus Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 9 Analysis, 500ml/bottle, 1000ppm 135 Wifacte at Analysis, 1000ppm 146 Potassium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm 15 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm 16 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm 17 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm 18 Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm 2 Phosphorus Standard of Stan	EC Standard NIST Transable with Cortificate of	-
126 EC Standard NIST Traceable with Certificate of Analysis, 1413uS/cm, 500 ml/bottle 127 Iron Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 128 Manganese Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 129 Zinc Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 130 Copper Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 131 Calcium Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 132 Magnesium Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 133 Magnesium Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 134 Magnesium Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 135 Potassium Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 136 Sulfate Standard (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 137 NIST Traceable Nist (NIST Traceable with Certificate of Analysis), 500ml/bottle, 1000ppm 138 Sulfate Standard NIST Traceable, 500 ml/bottle (1000ppm) 140 NIST Traceable Nitrate (NO3), 500 ml/bottle (1000ppm) 150 Note: 160 Analysical Reagent (Powdered) included Delivery Charge Solvents Reagent (Powdered) included Delivery Charge Solvents Reagent (Powdered) included Delivery Charge Solvents Reagent (Powdered) included Del		
Analysis, 1413uS/cm, 500 ml/bottle 127	FC Standard NIST Traceable with Cartificate of	
128	Analyis, 1413uS/cm, 500 ml/bottle	
Analysis), 500mL/bottle, 1000ppm 129	Iron Standard (NIST Traceable with Certificate of	
129	Analysis), 500mL/bottle, 1000ppm	
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147 Ethanol, technical grade, 95%, 20L/ carboy 2
149 Cesium Chloride, 99.9 %
25 grams
SWRRD PHILREC SOIL 2024-01-0049
150 Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%,
250g/bottle
151 Activated Charcoal, AR, Phosphate free, 1kg/bottle 2
152 Sulfuric Acid (AR, 98%Concentrated 2.5L/bottle) 4
153 Gum Acacia,99% AR, 500 g/bottle 1
154 Barium Chloride Dihydrate, AR, 500g/btl 1
J
Potassium Dichromate,99% AR, 500
g/bottle
156 Potassium Sulfate, AR, 500 g/bottle 1
SWRRD RD CFBW 2024-01-0062
Orthophosphoric Acid AR Grade; Liquid; Odorless;
157 Completely Miscible; 1.685 g/cm3 density; >85% 2
Purity), 2.5L/bottle
158 Ethanol, technical grade, 95%, 20L/ carboy 4
159 Phenolphthalein, AR, 500g/bottle 1
1 , , 81
160 Bromocresol green, AR, 5g/bottle 1
pH Buffer Solution (NIST Traceable pH Buffer Solution
161 with COA
-pH 4.00 (colored buffer solution): 1L) 1
pH Buffer Solution(NIST Traceable pH Buffer Solution
162 with COA
-pH 7.00 (colored buffer solution): 1L)
-pH 7.00 (colored buffer solution): 1L) 1 pH Buffer Solution(NIST Traceable pH Buffer Solution
-pH 7.00 (colored buffer solution): 1L) 1 pH Buffer Solution(NIST Traceable pH Buffer Solution with COA
-pH 7.00 (colored buffer solution): 1L) pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 10.00 (colored buffer solution): 1L) 1
-pH 7.00 (colored buffer solution): 1L) 1 pH Buffer Solution(NIST Traceable pH Buffer Solution with COA

Lot 2- Supply and Delivery of various Laboratory supplies

Item No.	Item Description	Quantity	Statement of Compliance
item No.	Supply and Delivery of various laboratory supplies	Quantity	Statement of Compitance
	LSD PD 1435 2024-01-0046		
1	Polyethylene Terepthalate (PET) Bottles	1000	
1	Capacity: 500 mL, opaque, color white	1000	
2	Plastic Erlenmeyer Flask	100	
	250 mL, PE Plastic, graduated, With Calibration certificate	100	
3	Plastic Funnel	50	
	40 mm, Stem Dia: 6 mm, Stem Length 20 mm Filter Paper		
4	Filter Paper #42, 125mm dia, ashless 100circles/box	20	
	LSD NSHP 2024-01-0046		
5	Lint-free wipes, 11.0 x 21.3 cm, 280 pieces, 1 ply, white,	40	
3	Material: Cellulose	40	
	Filter paper		
	Grade: 42 Ashless: ≤0.007%		
6	Size: 90 mm,	20	
	Pack size: 100 circles,		
	Filter Media: Cellulose		
7	Borosilicate test tubes, 15 mL (16x125 mm), Pack: 72 -pcs	1	
0	Graduated Cylinder, 1000ml, Made of Type 1 Borosilicate	20	
8	glass; Class A Graduation with certification	30	
9	Test tube brush, Nylon, 27 cm	10	
10	Test tube brush, Nylon, 23 cm	10	
11	Test tube brush, Nylon, 18 cm	10	
	Filtering flask		
	Capacity: 500mL		
	Material: Borosilicate glass code 7740		
12	Flask Style: Filtering Neck Style: Narrow Mouth	10	
	Rubber Stopper No.: 7		
	Height: 184mm		
	Autoclavable: Yes		
13	Parafilm M,	15	
	film W × L 100 mm × 38 m		
14	Filter paper, No. 2 or equivalent, 100 pcs/box Scrub Suit, Hi-Vis Unisex, Microfiber Water Repellant, Mint	20	
15	Green Color (Sizes: 2 Medium, 1 L; 2XL)	5	
1.6	Test Tube Bottle Nylon Washing Brush Tool, White, 10mm	10	
16	diameter, 8 x 1cm / 3.1" x 0.4"	10	
17	Bottle Brush Cleaner, Long Tube Cleaning Brush (15.5" x 1")	10	
18	Bottle Brush Cleaner, Long Straw Cleaning Brush (12.9" x	10	
	0.4") Glassware Liquid Cleaner, Liquid, alkaline and phosphate-		
	free concentrate		
	Volume: 5 Liters Sequestering agent content (alkalimetric):		
19	8.5-10%	10	
19	Density: 1.05-1.09	10	
	Free alkali (as NaOH): 1.5-2.5%		
	Phosphate: ≤ 0.002% Inclusions:Safety Data Sheet (SDS), Certificate of Analysis (CoA)		
	Lab Folding Cart (Folding cart, Stable, with 2 layers, multi-use		
20	trolley with parking brake, Easy to fold away	2	
20	and store, can carry 60 kg or better, at least 1	3	
	meter height. (with demo unit))		
24	Laboratory Tray (Dim: 46 x 14 x 2; easy cleaning; Uniform	-	
21	3/16" heavy wall construction for added rigidity; Standard color natural black or white)	5	
	Pipette Tips (universal fits all brands of pipettor, 2-20 μL		
22	vol. cap., reusable; 1000pcs/pk)	5	
22	Pipette Tips (universal fits all brands of pipettor, 1-5 mL	5	
23	vol. cap., reusable; 1000pcs/set)	5	
24	Pipette Tips (universal fits all brands of pipettor, 1-10 mL	5	
	vol. cap., disposable; 1000pcs/pk)		
25	Pipette Tip Rack (fits all 100-1000uL pipette tips,	3	
	1000pcs/pack Tissue, Giant Roll Paper Tissue, 3ply, 225 x 214mm, 75pulls /		
26	150sheets; 6 rolls/pack	20	
27	Ice box (chest Insulated cooler, 45 liters with side handles)	2	
28	Face mask, Non-woven disposable face mask, with ear loop	50	
20	and tie on, about 2-4ply 50's/box		
29	Funnel, Polypropylene, Dia: 100mm, Stem Dia: 11 mm, Stem Length 90 mm	20	
	Lengui 70 IIIII		

	Funnel Stand, Wooden, ≥4 holes per stand, funnel cap:		
30	125ml-250ml, hole dia: 50mm, height: adjustable upto 320mm	10	
31	Aluminum disk for moisture analysis, with cover, 50 x 23, 50pcs/pack	5	
32	Filter Cartridge, OV/P100, 8pcs per box	5	
33	Safety Goggle (black, white, unisex, polycarbonate)	4	
34	Absorbent for Spilled Liquids, 500g/pack	15	
35	Magnetic Stir Bar (3-6mm x 10mm)	3	
36	Glass Funnel Dia:40mm, Stem Dia:6mm: Stem Length, 40mm	20	
37	Glass, Funnel Dia:80mm, Stem Dia:6mm: Stem Length, 40mm	20	
38	Laboratory Shoes, White (size, 6-14)	20	
39	Digestion Tube, Standard Straight Digestion Tube, 100-150ml	20	
40	Digestion Tube, Standard Straight Digestion Tube, 200-250ml	20	
41	HDPE Carboy Square Bottle for waste storage, 5 Gal/20L capacity, white	30	
	STK Laboratory Supplies		
42	Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label No background color Text: DISTILLED WATER Text color: Black	1000	
43	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: CPR;Font Color: Black;	1000	
44	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label	1000	
	Text: BTB; Font Color: Black		
	Solution bottles, opaque, squeezable, 30 ml, screw cap with	1000	
45	printed label Text: BCG; Font Color: Black	1000	
4.6	Solution bottles, opaque, squeezable, 30 ml, screw cap with	1000	
46	printed label Text: N (Nitrogen); Font Color: Black;	1000	
47	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: P (Phosphorus); Font Color: Black;	1000	
48	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: K (Potassium); Font Color: Black	1000	
49	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: K2 (Potassium 2); Font Color: Black	1000	
50	Solution bottles, opaque, squeezable, 15 ml, screw capwith printed label No background color	1000	
51	Text: K1 (Potassium 1); Font Color: Black; Solution bottles, opaque, squeezable, 15 ml, screw capwith printed label No background color Text: P1 (Phosphorus 1); Font Color: Black;	1000	
52	Test tube (13mmx100mm, 100's/box)	250	
32	Delicate task wipers, absorbent lint-free wipes, Anti stat	200	
53	polyshield, 280 sheets/box	20	
	padouble check in size,	20	
54	Plastic tray, 35x45 cm	20	
55	KN95 Dust Mask, 50 pcs/box	10	
56	Glass pipette, 10 mL, class AS with Calibration Certificate	6	
57	Glass pipette, 5 mL, class AS with Calibration Certificate	6	
58	Glass pipette, 2 mL, class AS with Calibration Certificate	6	
59	Graduated cylinder, 100 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	2	
60	Graduated cylinder, 50 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	
61	Graduated cylinder, 25 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	
62	Volumetric Flasks, 2000 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	10	
63	Magnetic Stir Bar, PTFE, 30-35 mm, cylindrical	10	
- 55	Bottle top dispenser, 10-100 mL, Laboratory Grade; Acid and	10	
64	Alkali Resistance; Double Valve (Safety Valve) to avoid the waste of solution; Equipped with multiple screw adapters, suitable for most reagent bottles	3	
65	Bottle top dispenser, 5-50 mL, Laboratory Grade; Acid and Alkali Resistance; Double Valve (Safety Valve) to avoid the waste of solution; Equipped with multiple screw adapters, suitable for most reagent bottles	3	
66	Aspirator, rubber	5	
67	Half Facepiece Reusable Respirator, Medium	4	
68	Half Facepiece Reusable Respirator, Small	4	
69	Muti acid gas/organic vapor cartridge, 1 pair/pack	12	
70	Glass stirring rod, 7x300 mm	10	

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71	Reagent bottle, 1000 mL, amber, with screwcap	5	
72	Reagent bottle, 2000 mL, amber, with screwcap	5	
73	Beaker, 2000 mL, plastic	8	
74	Beaker, 1000 mL, borosilicate	6	
75	Laboratory spoon/spatula	10	
76	Rubber mallet, head diameter: 60 mm, wooden handle	6	
77	Mortar and pestle, porcelain, 130 mL	5	
78	Magnetic Retriever Rod, PTFE, 450 mm x 10 mm	5	
79	Aluminum tray, rectangular, 14"x18"	100	
80	Ethyl Alcohol, 70% solution, 500 ml/bottle	100	
	Water Test Kit Laboratory Supplies		
81	pH Strips, with color scale, graduations and accuracy, 1pH	15	
01	unit, pH range: 1-10, 4.8m/roll	13	
82	Ice box, chest insulated cooler, 45L capacity, with side	2	
02	handles	2	
83	Laboratory Gloves, Nitrile, 100's/box, Small	10	
84	Laboratory Gloves, Nitrile, 100's/box, Medium	30	
85	Laboratory Gloves, Nitrile, 100's/box, Large	30	
86	Test tube, 20ml, 16x150mm, glass, 100pcs/box	10	
07	Graduated plastic Pasteur pipette. Disposable, 3mL,	2	
87	500pcs/pack	2	
00	Solution Bottles, Polyethylene Bottle, Opaque, Squeezable,	200	
88	100mL	200	
00	Solution Bottles, Polyethylene Bottle, Opaque, Squeezable,	200	
89	60mL	200	
90	Solution Bottles, Polyethylene, Opaque, Squeezable, 30mL	200	
91	Solution Bottles, Polyethylene, Opaque, Squeezable, 80mL	200	
	Solution Bottles, Amber Bottle with shatter proof plastic		
92	coating, 100mL (e.g. PVC and/ or bubble wrap).	200	
	PET Bottles, w/ lid, wide mouth, clear, 50 mL capacity,		
93	25pcs/pack	2	
94	Filter Paper, No. 1, ashless, 125mm, 100 circles/box	14	
95	Half Mask Respirator, medium	2	
96	Filter Cartridge OV/P100 8pcs/bx	2	
97	Pipette tips, 1 - 10 ml, 100pcs/box, universal pipette tips	2	
98	Pipette tips, 1 ml - 5 ml, 100pcs/box, universal pipette tips	2	
	Pipette tips, 100 ul - 1000 ul, 100pcs/box, universal pipette		
99	tips	5	
100	Laboratory Goggles	20	
101	Wash Bottle, 500 mL, opaque color	10	
102	Filter paper, #42, ashless, diameter:90mm, 100 pcs/box	100	
	2000 mL Beaker, borosilicate, type 1		
103	with certificate	5	
	Microbiology Laboratory Supplies		
	Bait Lamina Probes, Fabricated, 16-hole of 0.5cm diameter,		
104	PVC material	500	
105	Interfolded Tissue paper, 125 pulls	50	
	Polypropylene bags, 12x18 Polypropylene autoclavable bags,		
106	0.018 thick (approx 100pcs/pack)	20	
107	Pipette tips, 10ml, 100pcs/box, universal pipette tips	10	
108	Pipette tips, 5ml, 100pcs/box	10	
109	Sterilized cotton swab, Box	3	
110	Filter paper, No. 2 or equivalent, 100 pcs/box	3	
111	Filter paper, N-free filter paper, 90mm, 100pcs/box	4	
112	Media bottles, 1L, Borosilicate Media Bottles with cap	3	
113	Media bottles, 100ml, Borosilicate Media Bottles with cap	2	
114	Beaker, Borosilicate glass, 1L	2	
115	Beaker, 2000L, HDPE	5	
116	Spatula, White, Heavy duty Silicone, 11", Heat Resistant	8	
110	Glass Petri Dishes, Borosilicate Glass, Round, Flat, clear	U	
117	dishes with beaded edges withstand repeated sterilization	100	
11/	(wet or dry), 100mm diameter, 15mm height	100	
	Erlenmeyer flask, 125ml, Made of Type 1 Borosilicate glass		
118	with rubber stopper	10	
	Erlenmeyer flask, 50ml, Made of Type 1 Borosilicate glass		
119	with No. 2 rubber stopper	10	
	Funnel, Polypropylene, Dia: 100mm, Stem Dia: 11 mm, Stem		
120	Length 90 mm	10	
	Funnel, Glass, Funnel Dia: 90 mm, Stem Dia: 10 mm, Stem		
121	Length 90 mm	10	
	Volumetric flask, 100ml, Made of Type 1 Borosilicate glass;		
122	Class A Graduation with Calibration Certificate	5	
	Volumetric flask, 500ml, Made of Type 1 Borosilicate glass;		
123	Class A Graduation with Calibration Certificate	5	
143			
124	Volumetric flask, 1000ml, Made of Type 1 Borosilicate glass;	5	
124	Volumetric flask, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate		
	Volumetric flask, 1000ml, Made of Type 1 Borosilicate glass;	5 5	

126	Volumetric flask, 250ml, Made of Type 1 Borosilicate glass;	5	
	Class A Graduation with Calibration Certificate		
127	Amber bottles, 60ml	2	
128	Amber bottles, 500ml	1	
129	Amber bottles, 120ml	2	
130	Reagent bottle, Polypropylene, 1L	7	
131	Reagent bottle, Polypropylene, 500ml	6	
132	Reagent bottle, Polypropylene, 250ml	2	
133	Reagent bottle, Polypropylene, 100ml	2	
134	Resealable plastic bag, #8, at most 170mm x 240mm, 100pcs/pack	5	
135	Resealable plastic bag, #8, at most 120mm x 1700mm, 100pcs/pack	5	
136	Petri plate canister, stainless steel, with removable rack and stainless lid, at least 10.8cm x 22.8 cm	10	
	SWRRD RD CFBW 2024-01-0062		
	Glassware Liquid Cleaner, Liquid, alkaline and phosphate-		
	free concentrate		
	Volume: 5 Liters Sequestering agent content (alkalimetric):		
137	8.5-10%		
137	Density: 1.05-1.09		
	Free alkali (as NaOH): 1.5-2.5%		
	Phosphate: ≤ 0.002% Inclusions:Safety Data Sheet (SDS),	1	
120	Certificate of Analysis (CoA)	1	
138	Concentrated Liquid Detergent, 5L	6	
	Rectangular Secondary Containment Basin -Lab Tray made with high density polyethylene		
	-EPA Compliant Secondary Containment for Bottles and		
139	Containers		
	-Containment Capacity : not less than 15 L		
	-Dimension: approx. 15 x 17 x 3" (WxLxH)	5	
	Chemical Absorbent Pads		
	'100 pads/pack		
	'Size: approx 50cm x 40cm		
140	'100% polypropylene		
	'Absorbency meets or exceeds industry standards.		
	'Color: Yellow pad		
	'With dispenser box	1	
	Glass Volumetric pipette,20ml, class AS, with Calibration		
141	Certificate/Batch Calibration from Manufacturer upon		
	delivery	8	
4.40	Glass Volumetric pipette,25ml, class AS, with Calibration		
142	Certificate/Batch Calibration from Manufacturer upon	F	
	delivery Volumetric flask, 2000ml, Made of Type 1 Borosilicate glass;	5	
	polyethylene snap caps; Class A Graduation, (with Calibration		
143	Certificate/Batch Calibration from Manufacturer upon		
	delivery)	3	
	Pipette Tip Rack (fits all 100-1000uL pipette tips, 25pcs/rack		
144	capacity. 4 racks/box)		
	check available unit in the laboratory	2	
	Pipette Tip Rack (fits all 1-5000uL pipette tips, 25pcs/rack		
145	capacity. 4 racks/box)		
	check available unit in the laboratory	2	
	Pipette tips with rack, 10ml capacity,		
146	24pcs/box		
	check available unit in the laboratory	2	
4 4 7	Pipette Tips (universal fits all brands of pipettor, 2-10 mL vol.		
147	cap., disposable; 200pcs/pk)	F	
	check available unit in the laboratory	5	
	Digital Thermohygrometer		
	-Min/Max memory, memory clear, °F/°C switchable, 12/24-hour clock		
	-At the touch of a button, memory recalls the highest and		
	lowest temperature and humidity readings		
	-0.01% accuracy		
	Humidity		
	Range: 20 to 90% RH		
148	Resolution: 1% RH		
	Accuracy: ±5% RH mid-range to ±8% RH elsewhere		
	Ambient Temperature		
	Range: 32 to 122°F (0 to 50°C)		
	Resolution: 0.1 %		
	Accuracy: ±1°C		
	Timing		
	Capacity: 12/24 hrs	4	
	Resolution: 1 minute	1	
140	Glass pH combination Electrode		
149	Material: Lead free Glass	3	
	Macerian Deau nee Ulass	J	1

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	with Built-in Temperature Compensation Sensor:		
	Junction: Ceramic Reference: Long-Life		
	Electrolyte: 3M KCL		
	Length: 120mm		
	Diameter: 12mm		
	Membrane Shape:cylindrical		
	Membrane Resistance: <150 M $Ω$ Range: 0 to 14 pH		
	Temp. Range: -5 to 100°C (23 to 212°F)		
	Connector: BNC		
	Half-Mask respirator, Assigned Protection Factor:10,		
150	Compatible with Air System SA Series, Recommended	0	
	application: Ford Chemical Testing (Small - Large) Nitrile gloves, powder free, 100's/box	9	
151	Small	16	
152	Nitrile gloves, powder free, 100's/box		
152	medium	16	
153	Nitrile gloves, powder free, 100's/box	1.6	
154	Large Interfolded Tissue Paper, 175 sheets	16 300	
131	Laboratory footwear rubber open heels, white feature: slip	300	
	resistant, incredibly light, water-friendly and buoyant;		
	ventilation ports add breathability and help shed water and		
	debris, easy to clean and quick to dry, pivoting heel straps for		
	a more secure fit Enclosed toe design and thicker metatarsal area to help		
155	protect the feet from spills.		
155	Protection from hazardous chemicals		
	Sole material: rubber		
	Outer Material:Ethylene Vinyl Acetate (EVA)		
	size will be measured by the bidder to the actual size of		
	laboratory personnel.	10	
156	Conical centrifuge tube, 50 mL		
150	50 pcs/pack	7	
	Automatic burettes, borosilicate glass 3.3, class AS, amber		
157	Supplied with an automatic zeroing system, VALVE stopcock and also an intermediate PTFE stopcock to recirculate the		
	residual liquid.	2	
	SWRRD RD REG 2024-01-0051		
	Perforated disc for soil analysis		
	Perforated disc for soil analysis Inner diameter: 4.9cm		
	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm		
158	Perforated disc for soil analysis Inner diameter: 4.9cm	21	
158	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes	21	
158	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm	21	
158	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm	21	
158	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass	21	
	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm		
158 159	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels	21	
	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels		
	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity,		
159	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels	2	
159	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll	2	
159 160 161	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb	2 10	
159 160	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes	2 10 4	
159 160 161 162	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush	2 10 4 6	
159 160 161	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small	2 10 4	
159 160 161 162 163	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush	2 10 4 6 20	
159 160 161 162	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium	2 10 4 6	
159 160 161 162 163	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip	2 10 4 6 20	
159 160 161 162 163	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush	2 10 4 6 20 20	
159 160 161 162 163	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip	2 10 4 6 20	
159 160 161 162 163 164 165	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W:	2 10 4 6 20 20 20	
159 160 161 162 163	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform	2 10 4 6 20 20	
159 160 161 162 163 164 165	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform 4 wheel folding platform cart	2 10 4 6 20 20 20	
159 160 161 162 163 164 165	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform 4 wheel folding platform cart Measurements: L 49 x W 74 x H 17 cm	2 10 4 6 20 20 20	
159 160 161 162 163 164 165	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform 4 wheel folding platform cart Measurements: L 49 x W 74 x H 17 cm Foldable handrail	2 10 4 6 20 20 20	
159 160 161 162 163 164 165 166	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush medium Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform 4 wheel folding platform cart Measurements: L 49 x W 74 x H 17 cm	2 10 4 6 20 20 20 10	
159 160 161 162 163 164 165 166	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform 4 wheel folding platform cart Measurements: L 49 x W 74 x H 17 cm Foldable handrail Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Metal coated	2 10 4 6 20 20 20 10	
159 160 161 162 163 164 165 166	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass Laboratory push cart, 80x50*75 cm, Two layer cart Stainless Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels Digestion Tube, Clear, 100 ml capacity, straight-sided SWRRD PHILREC SOIL 2024-01-0049 Parafilm, 4"x125 ft/roll Aspirator bulb Tapered silicone seal provides airtight fit in all pipet sizes Test Tube Brush Small Nylon bristle, galvanized wires, with tied tip Test Tube Brush Big Nylon bristle, galvanized wires, with tied tip Utility mesh/basket tray, good quality plastic, L:8-12in x W: 10-15in x H: 3-5in, Color: black, white or gray, uniform 4 wheel folding platform cart Measurements: L 49 x W 74 x H 17 cm Foldable handrail Wear-resistant and non-skid wheels 4 wheels, 2 swivel wheels	2 10 4 6 20 20 20 10	

169	Weighing Boat, 25 mL capacity, Diamond-shaped weigh boats, 100/pack	1	
170	Weighing Boat, 100g capacity, 100/pack	1	
171	Digestion Tube, Clear, 100 ml capacity, straight-sided	10	
172	Perforated disc for soil analysis Inner diameter: 4.9cm Outer diameter: 5.1cm Sieve Diameter: 4.8cm holes Diameter: 0.2cm Height: 2.3cm Top: 2.3cm Bottom: 1cm Material: brass	10	
	Compliance with Section VI. Schedule of Requirements		