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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 2025 - IB No. BSWM 2025-02-032

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 AS AN INTEGRAL PART OF THE BID DOCUMENT. Likewise, the succeeding agreements and reminders were discussed during the Pre-Bid Conference held last February 13, 2025, 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				
1. The Bureau of Soils and Water Management (BSWM), through the General Appropriation Act (GAA) for CY 2025 and GAA 2024 intends to apply the sum of:	2. The Bureau of Soils and Water Management (BSWM), through the General Appropriation Act (GAA) for CY 2025 and GAA 2024 intends to apply the sum of:				
Lot 1- Supply and Delivery of various Chemicals (ABC: PhP 8,011,770.00)	Lot 1- Supply and Delivery of various Chemicals (ABC: PhP 8,006,770.00)				
Lot 2- Supply and Delivery of various Laboratory supplies (ABC: PhP 22,295,110.92)	Lot 2- Supply and Delivery of various Laboratory supplies (ABC: PhP 22,295,110.92)				
Lot 3- Provision of Certified Reference Material and Quality Reference Material (ABC: PhP 3,619,400.00)	Lot 3- Provision of Certified Reference Material and Quality Reference Material (ABC: PhP 3,619,400.00)				
Lot 4 - Supply and Delivery of Various Controlled Chemicals (ABC: PhP 477,980.00)	Lot 4 - Supply and Delivery of Various Controlled Chemicals (ABC: PhP 477,980.00)				
Section II. Instruction to Bidders, Clause 19.4	Section II. Instruction to Bidders, Clause 19.4				
19.4. The Project shall be awarded as follows:	19.4. The Project shall be awarded as follows:				
One Project having several items per lot, which shall be awarded as one contract per lot.	One Project having several items, which shall be awarded as separate contracts per LOT				



ORIGINAL	AMENDED
Section III. Bid Data Sheet, Clause 5.3	Section III. Bid Data Sheet, Clause 5.3
5.3 For this purpose, contracts similar to the Project shall be:	5.3 For this purpose, contracts similar to the Project shall be:
a. Contract on supply and delivery of Chemicals, Laboratory Supplies,	a. Contract on supply and delivery of Chemicals, Laboratory Supplies,
b. completed within two years prior to the deadline for the submission and receipt of bids.	b. completed within <u>five (5) years prior to the</u> <u>deadline for the submission and receipt of bids</u> .
	Aggregated contracts are allowed.
	For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements:
	• Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least fifty percent (50%) of the ABC per for this Project; and ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.

Section VI. Schedule of Requirements

Description	Delivered, Weeks/Months	Place of Delivery		
Lot 1- Supply and Delivery of various Chemicals		Lot 1: BSWM and Regional Soils Laboratory-BARMM		
Lot 2- Supply and Delivery of various Laboratory supplies		Lot 2: BSWM and Regional Soils Laboratory-BARMM		
Lot 3- Provision of Certified Reference Material and Quality Reference Material	be STRICTLY completed within sixty (60) calendar day upon receipt of NTP	Lot 3: BSWM Quezon City		
Lot 4 - Supply and Delivery of Various Controlled Chemicals		Lot 4: BSWM and Regional Soils Laboratory-BARMM		

Section VI. Schedule of Requirements

Description	Delivered/ Weeks/ Months	Place of Delivery	
Lot 1- Supply and Delivery of various Chemicals	Delivery of the Goods shall be STRICTLY completed within sixty (60) calendar day upon receipt of NTP	Lot 1: BSWM Quezon City and Regional Soils Laboratory- BARMM, Cotabato, Maguindanao	
Lot 2- Supply and Delivery of various Laboratory supplies	Delivery of the Goods shall be STRICTLY completed within sixty (60) calendar day upon receipt of NTP	Lot 2: BSWM Quezon City and Regional Soils Laboratory- BARMM, Cotabato, Maguindanao	
Lot 3- Provision of Certified Reference Material and Quality	Delivery of the Goods shall be STRICTLY completed within sixty (60) calendar day	Lot 3: BSWM Quezon City	

ORIGINAL	AMENDED					
	Reference Material Lot 4 - Supply and Delivery of Various Controlled Chemicals	upon receipt of NTP Delivery of the Goods shall be STRICTLY completed within sixty (60) calendar day upon receipt of NTP	Lot 4: BSWM Quezon City and Regional Soils Laboratory- BARMM, Cotabato, Maguindanao			
		1 VII. Technical annex A of this Bid				

II. CLARIFICATIONS RAISED DURING PREBID CONFERENCE AND SENT VIA E-MAIL

CLARIFICATIONS	AGREEMENT					
1. What is the required Single Largest Completed Contract (SLCC) if we are joining several lots?	The SLCC requirement depends on the ABC for each lot.					
	Per GPPB NPM 123-2013:					
	"In the case of a procurement activity that is divided into several lots, where each lot may result in a separate contract, the ABC for each lot becomes the reference of such a requirement. However, since the eligibility criteria only seek to filter suitable bidders from those unfit to perform the contract, it is not necessary for a bidder to present a corresponding SLCC for each lot that it participates in"					
	"the participation of a bidder in several lots does not require the submission of an SLCC that will specifically correspond to each lot. It is sufficient that the bidder presents an SLCC that complies with the percentage requirement for every lot that it participates in."					
	For this procurement, the Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC per lot.					
2. Would you allow aggregate contracts?	Yes. Please refer to Part I. Amendment of the Bidding Document.					
3. How many copies of bid proposals do we need to submit?	The bidders shall submit: One (1) ORIGINAL COPY. One (1) DUPLICATE COPY. One (1) PDF COPY in a USB – to be					

CLARIFICATIONS	AGREEMENT				
4. I would like to clarify if this is Per Lot - Per Proposal basis	placed inside the Duplicate Copy of Technical Proposal and Duplicate Copy of Financial Proposal. • One (1) bid proposal for each lot participated in, if applicable. Note: Please refer to Annex B for the Sealing and Marking Illustration				
5. Do you have online bank deposit or over-the-counter only?	As of now, we only accept manual payment of Bidding Documents in-person through our Cashier.				
6. Yung mga nakalagay sa mga items na "with certificate of analysis" yun lang po ang need nyo? how about the other items na walang nakalagay na with certificate of analysis is it okay na hindi na kami mag attached	Please refer to revised Section VII. Technical Specifications.				

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 to 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.

Important Reminders:

Supplier shall coordinate with the End-user and Property Management Unit for the 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.
- One (1) bid proposal for each lot participated in, if applicable.

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 be received 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.

Interested Bidders **may acquire the bidding documents until February 26, 2025, 3:00PM** at the BSWM Procurement Management Section, 2nd Floor, SRDC Bldg. Visayas Ave., Diliman, Quezon City.

DEADLINE/SCHEDULE OF SUBMISSION AND OPENING OF BIDS:

The deadline of **submission of bid proposals** is on **February 27, 2025, 9:00AM**. Late submission shall not be accepted. **Opening of Bids** is on **February 27, 2025, 9:30AM** at BSWM Convention Hall and via videoconferencing.

For guidance and information of all concerned.

DENISE A. SOLANOBAC Chairperson



ANNEX A

REVISED SECTION VII. TECHNICAL SPECIFICATIONS

LOT 1: SUPPLY AND DELIVERY OF VARIOUS CHEMICALS

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
2025-00-0057	LSD		Provision of Chemical Filtering Supplies			
			NSHP			
			Water Chemistry Section			
			ELUENT SOLUTION			
		1	Sodium Carbonate-Sodium Bicarbonate mixture, 500 mL/bottle Sodium carbonate (7.5): sodium hydroxide (0.75)	5	Bottle	
		2	Diphenylamine, 500 g, AR grade	5	Bottle	
		3	Iron Powder, 99%, AR grade, 500 g	5	Bottle	
		4	Silver Nitrate, AR, 250g/bottle	5	Bottle	
		4	Iron Standard (NIST Traceable with	3	воше	
		5	Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	
		6	Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	
		7	Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	
		8	Copper Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	
		9	Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle , 500ppm or equivalent	2	Bottle	
		10	Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle , 500ppm or equivalent	2	Bottle	
		11	Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle , 500ppm or equivalent	2	Bottle	
		12	Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	
		13	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 500ppm or equivalent, no formaldehyde content	2	Bottle	
		14	Standard metal solutions for ICP, NIST Traceable with COA, 500mL/bottle: Cu, Fe, Mn, Zn, Ca, Mg, Na, K, Pb, As, Hg, Cd, Ag, Cr, Ni, 500ppm or equivalent	2	Bottle	
		15	Nitrate Standard, AR, 500mL/btl, NIST Traceable with COA, 500ppm or equivalent	2	Bottle	
		16	orthophenanthroline 99%, AR grade, 25 g/bottle	1	Bottle	

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
		17	Titriplex V, 100g, AR Grade	5	Bottle	
		18	Aspartic Acid Standard for NC Analysis 10g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	
		19	Sulfanilamide Standard for NC Analysis 1-2g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	
		20	Vanadium Pentoxide, 1g, 90-99.9% Purity	5	Bottle	
		21	EC Conductivity Standard, NIST Traceable - 111.8 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	
		22	EC Conductivity Standard, NIST Traceable - 12880 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	
		23	EC Conductivity Standard, NIST Traceable - 1413 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	
		24	EC Conductivity Standard, NIST Traceable - 147 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	
		25	EC Conductivity Standard, NIST Traceable - 84 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	
			Water Test Kit			
		26	Ammonium molybdate, AR, powder, 500g/btl	20	Bottle	
		27	Potassium Antimony Tartate, AR, 500g/bottle	10	Bottle	
		28	Ascorbic acid, AR, 100g/bottle at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	15	Bottle	
		29	Sulphanilamide, AR, 50 g/btl	15	Bottle	
		30	N-(1-naphtyl)-ethylenediamine dihydrochloride (NED), AR, 100g/btl	15	Bottle	
		31	Zinc powder, 99.99%, AR, 10g/btl	10	Bottle	
		32	Zn wire reel, 1m, diameter 1.0mm, 99.99+%	3	Bottle	
		33	Silver Nitrate, AR, 250g/btl	10	Bottle	
		34	Sodium chloride, AR, 500g/btl	5	Bottle	
		35	Bromocresol Green, AR, 5g/btl	3	Bottle	
		36	Methyl Red, AR, 5g/btl	3	Bottle	
		37	Methyl Orange ACS reagent, Dye content 85 % 25g/btl Ethyl alcohol ACS spectrophotometric	10	Bottle	
		38	grade, 95.0% 1L/btl	5	Bottle	
		39	Phenolphthalein, AR, 500g/btl	5	Bottle	
		40	pH Buffer 7.00, 1L/btl, NIST Traceable, with COA	3	Bottle	
		41	pH Buffer 4.00, 1L/btl, NIST Traceable, with COA	3	Bottle	
		42	pH Buffer 10.00, 1L/btl, NIST Traceable, with COA	3	Bottle	
		43	Standard metal solutions in ≤ 2% HNO3 for ICP, NIST Traceable with COA, 1000 ppm, 500mL/bottle: Cu, Fe, Mn, Zn, Ca, Mg, Na, K, Pb, As, Hg, Cd, Ag, Cr, Ni,	1	Bottle	
			Soil Physics Section			
		44 45	Sodium Hexametaphosphate, AR, 500g/bottle	20 10	Bottle Bottle	
	<u> </u>	43	Sodium Citrate Tribasic Dihydrate, AR, Page 8 of 65	10	שטננופ	

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
			500g/bottle	•		
		46	Sodium Bicarbonate, AR, 500g/bottle	10	Bottle	
		47	Sodium Dithionite, AR, 500g/bottle	10	Bottle	
		48	Sodium Acetate, AR, 500g/bottle	10	Bottle	
		49	Sodium Chloride, AR, 500g/bottle	10	Bottle	
		50		3	Bottle	
		30	Amyl Alcohol, ≥99%, 1000ml/bottle Soil Chemistry	3	Bottle	
		51	L-lysine Monohydrochloride, with Certificate of Analyis AR/NIST Traceable, 100g/bottle	2	Bottle	
		52	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analyis, ≥99% Powder, 100g/bottle	2	Bottle	
		53	Sucrose Standard, NIST Traceable with Certificate of Analyis, 100g/bottle	2	Bottle	
		54	NIST Traceable pH Buffer Solution pH 7.00 (yellow); 1L/bottle	2	Bottle	
		55	NIST Traceable pH Buffer Solution pH 4.00 (pink); 1L/bottle	2	Bottle	
		56	NIST Traceable pH Buffer Solution pH 10.00 (blue); 1L/bottle	2	Bottle	
		57	EC Standard NIST Traceable with Certificate of Analyis, 84uS/cm, 500 ml/bottle	2	Bottle	
		58	EC Standard NIST Traceable with Certificate of Analyis, 12.88mS/cm, 5bottle x60mL	2	Bottle	
		59	EC Standard NIST Traceable with Certificate of Analyis, 147uS/cm, 500 ml/bottle	2	Bottle	
		60	EC Standard NIST Traceable with Certificate of Analyis, 1413uS/cm, 500 ml/bottle	2	Bottle	
		61	Iron Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent,	2	Bottle	
		62	Manganese Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent,	2	Bottle	
		63	Zinc Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	
		64	Copper Standardin ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	
		65	Calcium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	
		66	Magnesium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	
		67	Sodium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	
		68	Potassium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	
		69	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis , 1000 ppm or equivalent, no formaldehyde content	2	Bottle	
		70	Nitrate Standard, AR, 500mL/btl, NIST Traceable with COA, 1000 ppm or equivalent	2	Bottle	

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
		71	Sodium hydroxide, flakes, 2 Kg/pack, Technical Grade	40	Bottle	
		72	Sodium Bicarbonate, AR, 500g/bottle	10	Bottle	
		73	Ammonium Acetate, AR 98%, 500g/bottle	10	Bottle	
		74	Ammonium Fluoride, AR grade, 500g/bottle	5	Bottle	
		75	Ammonium Sulfate, AR, 500g/bottle	5	Bottle	
		76	Copper sulfate pentahydrate, AR, 500g/bottle	10	Bottle	
		77	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	5	Bottle	
		78	Ascorbic Acid, 100g/bottle, AR	5	Bottle	
		79	Potassium Antimony Tartrate, AR, 500g/bottle	5	Bottle	
		80	Methyl Red, AR, 5g/bottle	5	Bottle	
		81	Bromocresol green, AR, 5g/bottle	5	Bottle	
		82	Boric Acid AR, 500g/bottle	10	Bottle	
		83	Activated Charcoal, AR, Phosphate-free, 1kg/bottle	10	Bottle	
		84	Ammonium metavanadate, AR, powder, 500g/bottle	1	Bottle	
		85	Ammonium hydroxide, conc., AR, 2.5 L/bottle	1	Bottle	
		86	Potassium chloride, AR, 500g/bottle	10	Bottle	
		87	Calcium Carbonate, 500g/bottle, AR	5	Bottle	
		88	Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle	2	Bottle	
		89	Potassium Nitrate, AR, 500g/bottle	2	Bottle	
		90	Magnesium Chloride hexahydrate, 500g/bottle, AR	2	Bottle	
		91	Kjeltabs VCM, Content per tablet: 3.5g Potassium Sulfate and 0.1g Copper Sulfate, 1000pcs/box. Attached SDS/COA of item	2	Bottle	
		92	Sodium Nitrite, AR, 500g/bottle	20	Bottle	
		93	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	6	Bottle	
		94	Barium Chloride dihydrate, AR, 500g/bottle	2	Bottle	
		95	Orthophosphoric Acid (Analytical/Lab Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >99% Purity), 2.5L/bottle	10	Bottle	
		96	Ethanol, technical grade, 95%, 20L/carboy	20	Bottle	
		97	Triethanol amine, AR, 1 L/Bottle	10	Bottle	
		98	Ethanol AR ≥ 99% 2.5 L/bottle	30	Bottle	
		99	ICP-OES Standard - Arsenic in ≤ 2% HNO3 ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in nitric acid (nominal concentration), atleast 100 mL	1	Bottle	
		100	ICP-OES Wavelength Calibration Solution; 500 mL, contains 50 mg/L Al, As, Ba, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Sr, Zn and 500 mg/L K in 2 % HNO3 with Certificate of Analysis & Material Safety Data Sheet	3	Bottle	
		101	ICP-OES Standard - Aluminum ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast	1	Bottle	

PR Number	End User	item no.	ltem	Quant ity	Unit	Statement of Compliance
			100 mL			
		102	ICP-OES Standard - Boron ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		103	ICP-OES Standard - Barium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		104	ICP-OES Standard - Cadmium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		105	ICP-OES Standard - Calcium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	3	Bottle	
		106	ICP-OES Standard - Chromium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		107	ICP-OES Standard - Cobalt ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		108	ICP-OES Standard - Copper ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	
		109	ICP-OES Standard - Iron ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	
		110	ICP-OES Standard - Lead ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		111	ICP-OES Standard - Magnesium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	
		112	ICP-OES Standard - Manganese ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	
		113	ICP-OES Standard - Molybdenum ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		114	ICP-OES Standard - Nickel ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
		115	ICP-OES Standard - Potassium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	
		116	ICP-OES Standard - Sodium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	2	Bottle	
		117	ICP-OES Standard - Strontium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	
		118	ICP-OES Standard - Zinc ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in nitric acid (nominal concentration), atleast 100 mL	2	Bottle	
		119	Aspartic Acid Standard for NC Analysis 10g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	
		120	Sulfanilamide Standard for NC Analysis 1-2g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	
		121	Set of 7 Soil Standards for Combustion Analysis NIST Traceable with Certificate of Analysis 30 g per Bottle (7 Bottles Total) Soil Parameters: Total Nitrogen (Combustion Method) Total Carbon (Combustion Method) Total Organic Carbon (Combustion Method)	2	Bottle	
		122	Ethylenediaminetetraacetic acid (EDTA),	2	Bottle	
		123	AR, 500g/bottle Ammonium Fluoride , AR grade, 98% 500 g/bottle	1	Bottle	
		124	Vanadium Pentoxide, 1g, 90-99.9% Purity	5	Bottle	
			RST			
		125	Bromocresol green, AR, 5g/bottle	5	Bottle	
		126	Chlorophenol Red Indicator, AR, 5g/bottle	5	Bottle	
		127	Bromothymol Blue Indicator, AR, 5g/bottle	5	Bottle	
		128	Ammonium Fluoride, AR grade, 500g/bottle	4	Bottle	
		129	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	10	Bottle	
		130	Boric Acid, AR, 500g/bottle, AR, 500g/bottle	10	Bottle	
		131	Sodium Nitrite, Extrapure, AR, 500g/bottle	30	Bottle	
		132	Sodium Cobaltinitrite, AR, 100g/bottle	10	Bottle	
		133	Ethanol, AR ≥ 95% 2.5 L/bottle	50	Bottle	
		134	Ascorbic acid, AR ≥ 99%, 100g/bottle	10	Bottle	
		135	Potassium Antimony Tartate, AR ≥ 99%, 100g/bottle	10	Bottle	
2025-00-0058	SWRR D					
		136	Ammonium Floride AR grade, 50g/bottle	1	bottle	
		137	Sodium Bicarbonate, AR, 500g/bottle	5	bottle	
		138	Ascorbic Acid, 100g/bottle, AR	1	bottle	

PR Number	End User	item no.	ltem	Quant ity	Unit	Statement of Compliance
		139	Orthophosphoric Acid (Analytical/Lab Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >99% Purity), 500ml/bottle	1	bottle	
		140	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	1	bottle	
		141	Diphenlyamine ACS Reagent/AR 100g	1	bottle	
		142	antimony potassium tartarate AR, 100g/bottle	1	bottle	
		143	Calcium Chloride Dihydrate, ACS, 500g/bottle	1	bottle	
		144	Cesium Chloride, 99.9 % 25 grams	1	bottle	
		145	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analyis, ≥99% Powder, 100g/bottle	1	bottle	
		146	pH Buffer Solution (NIST Traceable pH Buffer Solution with COA -pH 4.00 (colored buffer solution): 1L)	2	bottle	
		147	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 7.00 (colored buffer solution): 1L)	2	bottle	
		148	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 10.00 (colored buffer solution): 1L)	2	bottle	
		149	Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		150	Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		151	Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		152	Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		153	Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		154	Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		155	Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		156	Copper Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		157	Nickel Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
		158	Lead Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	
2025-00-0058	SWRR D	159	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm	1	bottle	
		160	Cadmium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm	1	bottle	

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
			Triethanol amine, AR, 1 L/Bottle			
2025 00 0050	SWRR	161			D	
2025-00-0058	D	162	Ethanol AR ≥ 99% 2.5 L/bottle	1	Bottle	
			Ferrous Sulfate Heptahydrate, ACS	2	Bottle	
		163	reagent, ≥99%, 250g/bottle	3	Bottle	
2025-01-0180	LSD		Soil Chemistry			
		164	Barium Chloride dihydrate, AR, 500g/bottle	20	Bottle	
		165	Ethanol, AR Grade, purity ≥ 95% 4L/bottle	60	Bottle	
		166	Sodium Hydroxide, >=98%, pellets(anhydrous), 500 g/ bottle	10	Bottle	
		167	pH Buffer 2.00, 1L/btl, NIST Traceable, with COA	3	Bottle	
		168	L-lysine Monohydrochloride, with Certificate of Analyis AR/NIST Traceable, 100g/bottle			
		169	Copper sulfate pentahydrate, AR,	2	Bottle	
		170	500g/bottle	3	Bottle	
			Potassium Sulfate AR, >99%, 500g/bottle Phosphorus Standard, 500ml/bottle, NIST	3	Bottle	
		171	Traceable with Certificate of Analysis	2	Bottle	
		172	Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle	4	Bottle	
		173	Ascorbic Acid, 100g/bottle, AR	10	Bottle	
			Soil Salinity			
		174	Magnesium Chloride hexahydrate, AR, 500g/bottle	2	Bottle	
		175	Potassium nitrate, AR, 500 g/bottle	2	Bottle	
		176	Sodium Sulfate, ACS, 99%, anhydrous, granular, 500 g/bottle	2	Bottle	
		177	Sodium acetate, 99%, 1 kg/bottle	2	Bottle	
		178	Gum acacia, AR, 500 g/bottle	2	Bottle	
		179	Barium chloride dihydrate, 500 g/bottle	2	Bottle	
		180	Acetic acid, AR grade, 99%, 1 L, with SDS	2	Bottle	
		181	Sodium Carbonate, AR, 500g/btl, with SDS			
		101	1000 ppm Chloride Standard, 500	2	Bottle	
		182	mL/bottle, with Certificate of Analysis	2	Bottle	
			1000 ppm Sulfate Standard, 500 mL/			
		183	bottle with Certificate of Analysis	2	Bottle	
		184	Cesium Chloride, AR, 100 g with SDS	2	Bottle	
		185	Perchloric acid, 70% solution in water with SDS	2	Bottle	
			Water Chemistry Section	<u> </u>		
			Barium Chloride dihydrate, AR,			
		186	500g/bottle with COA	10	Bottle	
			ELUENT SOLUTION			
		187	Sodium Carbonate-Sodium Hydroxide 20x (Supelco, 150 mM : 15 mM) mixture, 1 L/bottle	10	Bottle	
		-	Soil Microbiology			
		188	Rose Bengal Chloramphenicol Agar (RBC)	2	Bottle	
		189	Pikovskaya's Agar, 500g/bottle	2	Bottle	
			Yeast Mannitol Agar w/ 1.5%			
		190	Agar 500G / bottle	2	Bottle	
		191	Ethanol 95% Technical Grade, 1 carboy	2	Drum	

PR Number	End User	item no.	ltem	Quant ity	Unit	Statement of Compliance
		192	Plate Count Agar, 500g/bottle, pellets, pH 6.8 - 7.2	2	Bottle	
		193	Ethyl Alcohol 70% Spray 350mL	10	Bottle	
		194	Aleksandrow Agar 500g.	2	Bottle	
2025-01-0181	LSD		Provision of Chemical and Filtering Supplies-Laboratory Supplies			
			NSHP			
1			BARMM			
1		195	Acetic Acid, 2.5 L/bottle	2	bottle	
		196	Ammonium Acetate, AR, 500 g/bottle	2	bottle	
		197	Ammonium fluoride, NH4F, 500 g/bot	2	bottle	
		198	Ammonium Molybdate, AR, 500 g/bot	2	bottle	
		199	Ammonium Sulfate, AR, 500 g/bottle	2	bottle	
		200	Amyl Alcohol, AR, 500 mL/bottle	2	bottle	
		201	Ascorbic Acid, AR, 100g/bottle	2	bottle	
		202	Boric Acid, AR, 500 g/bottle	2	bottle	
		203	Bromocresol Green, AR, 5 g/bottle	1	bottle	
		204	Bromthymol Blue, AR, 5 g/bottle	1	bottle	
		205	Calcium Chloride, 1000 g/bottle, AR	2	bottle	
		206	Calcium Chloride, AR, 1000 g/bottle	2	bottle	
		207	Charcoal; AR, Phosphate Free, 2kg/bottle	2	bottle	
1		208	Chlorophenol Red, AR, 5 g/bottle	2	bottle	
		209	Compost Certified Reference Material (AgroMAT CP-1), 100g/bottle	3	bottle	
		210	Copper Sulfate, AR, 500 g/bottle	5	bottle	
		211	Diethylenetriaminepentacetic acid (DTPA), AR, 100 g/bottle	2	bottle	
		212	EC Standard: 147 and 1413 uS/cm at 25oC, NIST, 500 mL	2	bottle	
		213	Ethanol, AR, 2.5 L/bottle	5	bottle	
		214	Kjeltabs, Cu, AR, 1000 pcs/bottle	2	bottle	
		215	Lanthanum Oxide, AR, 100 g/bottle	8	bottle	
		216	Lysine, AR, 100 g/bottle	2	bottle	
		217	Methanol, AR, 2.5 L/bottle	2	bottle	
		218	NIST Traceable standard buffer solutions of pH 10	3	bottle	
			NIST Traceable standard buffer solutions			
		219	of pH 4 NIST Traceable standard buffer solutions	3	bottle	
		220	of pH 7	3	bottle	
		221	Nitric Acid, AR, 2.5 L/bottle	5	bottle	
		222	Phosphorus Standard, NIST, 1000 mg/L, 250 mL/bottle, no formaldehyde content	4	bottle	
		222	Potassium Antimony Tartrate, AR, 100	,	h 0++1 -	
		223	g/bottle	2	bottle	
		224	Potassium Chloride, AR, 1000 g/bottle	4	bottle	
		225	Potassium Dichromate, 1kg/bottle Potassium Dihydrogen Phosphate	3	bottle	
		226	(KH2PO4), AR, 500 g/bottle	2	bottle	
		227	Potassium Standard, NIST, 1000 mg/L, 250 mL/bottle	4	bottle	
		228	Potassium Sulfate, AR, 500 g/bottle	4	bottle	
		229	Salicylic Acid, AR, 500 g/bottle	2	bottle	
		230	Silver Sulfate, Ag2SO4, AR, 500 g/bottle	2	bottle	
		231	Sodium Bicarbonate, AR, 500 g/bottle	2	bottle	
		232	Sodium Carbonate, AR, 500 g/bottle	2	bottle	
		233	Sodium hexametaphosphate, AR, 500	2	bottle	

PR Number	End User	item no.	Item	Quant ity	Unit	Statement of Compliance
			g/bottle			
		234	Sodium hexanitrocobaltate (III) (Na3CO(NO2)6), AR, 500 g/bottle	2	bottle	
		235	Sodium Hydroxide Pellets, AR, 1000 g/bottle	4	bottle	
		236	Sodium Nitrite, AR, 500 g/bottle	2	bottle	
		237	Sodium Thiosolfate Pentahydrate, AR, 500g/bottle	2	bottle	
		238	Soil Certified Reference Material (AgroMAT AG-1), 100g/bottle	5	bottle	
		239	Sucrose, AR, 500 g/bottle	2	bottle	
		240	Triethanolamine (TEA), AR, 2.5 L/bottle	2	bottle	
		241	Tris(hydroxymethyl)aminomethane (THAM), NIST, 100g/bottle	1	bottle	
			Place of Delivery:			
			Regional Soils Laboratory-BARMM, MAFAR Extension Building, Sinsuat Ave, Brgy. Rosary Heights XIII, Cotabato City			

LOT 2: SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES

PR Number	End User		Item	Qty	Unit	Statement of Compliance
2025-00-005	LSD	Item	Provision of Chemical and Filtering			
6		no.	Supplies-Laboratory Supplies			
			NSHP			
			RST			
		1	Magnetic Stir Bar, PTFE, length 30 mm, diameter 6mm (+/- 10%), cylindrical,	20	pcs	
		2	Magnetic Retriever Rod, PTFE, 450 mm x 10 mm	5	pcs	
		3	Laboratory Gloves, Nitrile, 100's/box, Medium	20	boxes	
		4	Laboratory spoon/spatula, Length 15.5 +/- 3 cm	10	pcs	
		5	Disposable face mask, Non-woven disposable face	20	box	
			mask, with ear loop and tie on, about 2-4ply 50's/box			
		6	Test tube, 13mmx100mm, 100's/box	100	box	
		7	Tin wire >99.99% purity, diameter: 0.5mm, 500 g/roll	20	roll	
		8	Glass pipette, 2 mL, class AS with Calibration Certificate	6	рс	
		9	Glass pipette, 5 mL, class AS with Calibration Certificate	6	рс	
		10	Glass pipette, 10 mL, class AS with Calibration Certificate	6	рс	
		11	Graduated cylinder, 100 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	2	рс	
		12	Graduated cylinder, 50 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	рс	
		13	Graduated cylinder, 25 mL, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	3	рс	
		14	Bottle top dispenser, 10-100 mL, Laboratory Grade; Acid and Alkali Resistance; Double Valve (Safety Valve) to avoid the waste of solution;Equipped with multiple screw adapters,	3	рс	

PR Number	End User		Item	Qty	Unit	Statement of Compliance
			suitable for most reagent bottles			
		15	Alcohol Burner Lamp Glas 6.2cmx4.2cm with	1000	рс	
			plastic cap, 20 - 60 mL Capacity			
		16	Solution Bottles, Amber Bottle with shatter proof	10	рс	
			plastic coating, 1000 mL (e.g. PVC and/ or bubble			
			wrap).			
		17	Mobile Phase Filter Degasser Assembly, Glass,	2	Set	
			300ml Reservoir, 1L Flask, Complete			
		18	0.45 μm membrane type filter, 100/pack	2	pack	
		19	2 L polyethylene tubes/borosilicate glass amber	10	рс	
			bottle			
		20	Solution bottles, opaque, squeezable, 30 ml,	1000	рс	
			screw cap with printed label	0		
			Text: CPR;Font Color: Black; Background color: Red			
		21	Solution bottles, opaque, squeezable, 30 ml,	1000	рс	
			screw cap with printed label	0		
			Text: BTB; Font Color: Black; Background color:			
			Dark Green			
		22	Solution bottles, opaque, squeezable, 30 ml,	1000	рс	
			screw cap with printed label	0		
			Text: BCG; Font Color: Black; Background color:			
			Violet			
		23	Solution bottles, opaque, squeezable, 30 ml,	1000	рс	
			screw cap with printed label	0		
			Text: N; Font Colotr: Black; Background color: Red			
		24	Solution bottles, opaque, squeezable, 30 ml,	2500	рс	
			screw cap with printed label	0		
			Text: P- B; Font Color: Black; Background color:			
			Light Blue			
		25	Solution bottles, opaque, squeezable, 60 ml,	1000	pc	
			screw cap, with printed label	0		
			No background color			
		26	Text: DISTILLED WATER; Font color: Black Solution bottles, opaque, squeezable, 60 ml,	2500	nc	
		20	screw cap, with printed label	0	pc	
			Background color: Orange			
			Text: K; Font color: Black			
		27	Solution bottles, opaque, squeezable, 60 ml,	2500	рс	
			screw cap, with printed label	0	pc	
			Background color : Orange			
			Text: K2; Font color: Black			
		28	Solution bottles, opaque, squeezable, 60 ml,	2500	рс	
			screw cap, with printed label	0	r ·	
			Background color: Dark Blue			
			Text: P1-O; Font color: Black			
		29	Solution bottles, opaque, squeezable, 200 ml,	2500	рс	
			screw cap, with printed label	0		
			Background color: Dark Blue			
			Text: P-O; Font color: Black			
		30	Solution bottles, opaque, squeezable, 15 ml,	1000	рс	
			screw capwith printed label	0		
			Background color: Orange			
			Text: K1; Font Color: Black;			
		31	Solution bottles, opaque, squeezable, 15 ml,	2500	рс	
			screw capwith printed label	0		
			Background color: Light Blue			
			Text: P1-B; Font Color: Black;			

PR Number	End User		Item	Qty	Unit	Statement of Compliance
		32	Test tube, 13mmx100mm, 100's/box	200	box	
		33	Tin wire >99.99% purity, diameter: 0.5mm, 500	50	roll	
			g/roll			
			Water Test Kit			
		34	pH Strips, with color scale, graduations and	300	pack	
		25	accuracy, 1 pH unit, pH range: 1-10	10	la acc	
		35	Laboratory Gloves, Nitrile, 100's/box, Medium	10	box	
		36	Test tube, borosilicate glass, 30mL cap with graduations., outer diameter: 20mm, length: 150mm, 100pcs/box	100	box	
		37	Graduated plastic Pasteur pipette. Disposable, 3mL	25	pack	
		38	Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
			screw cap with printed label background color:Maroon	0		
		20	Text: IN1(al);Font Color:White;	2.50	200	
		39	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label	2,50 0	рс	
			Text: IN2(al);Font Color:White; background color:Maroon			
		40	Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
			screw cap with printed label	0		
			Text: T(al);Font Color:White; background color:Maroon			
		41	Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
			screw cap with printed label	0		
			Text: IN1(cl); Font Color: White; background			
		42	color:Yellow Solution bottles, opaque, squeezable, 30 ml,	2,50	nc	
		42	screw cap with printed label	0	рс	
			Text: T(cl); Font Color:White; background color:Yellow			
		43	Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
		43	screw cap, with printed label	0	μc	
			No background color			
			Text: DISTILLED WATER; Font color: Black			
		44	Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
			screw cap with printed label	0		
			Text: Nw; Font Color: White; background			
		45	color:Green Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
		43	screw cap with printed label	0	PC	
			Text: Pw; Font Color:White; background			
			color:BLUE			
		46	Solution bottles, opaque, squeezable, 30 ml,	2,50	рс	
			screw cap with printed label	0		
			Text: AA; Font Color:White; background			
		47	color:BLUE PET Bottles, w/ lid, wide mouth, clear, 50 mL	80	pack	
			capacity, 25pcs/pack, or equivalent		Pack	
		48	Filter Paper, No. 1, ashless, 125mm, 100	30	box	
			circles/box, or equivalent	\perp		
		49	Wash Bottle, 500 mL, opaque color	5	box	
		50	Syringe PP/PE without needle, luer lock tip,	10	pack	
			centered, capacity 10 mL, graduated, 0.5 mL, non-sterile			

PR Number	End User		Item	Qty	Unit	Statement of Compliance
		51	Nylon Syringe Filters, 5 um, 25mm, Double Luer	50	pack	
			Lock, PP Housing, Nonsterile, 100 per pack,			
			SPEC18120			
		52	Volumetric flask, class A with ST stopper 2L	5	pack	
		53	155L Storage Box(Clear)	4	рс	
		54	65L Storage Box(Clear)	2	рс	
			Soil Chemistry			
		55	Lint-free wipes, 11.0 x 21.3 cm, 280 pieces, 1 ply,	10	box	
			white, Material: Cellulose			
		56	Parafilm M, 4inch x 125FT/, Plastrip	10	box	
		57	Glassware Liquid Cleaner, Liquid, alkaline and	5	рс	
		,	phosphate-free concentrate		Pe	
			Volume: 5 Liters Sequestering agent content			
			(alkalimetric): 8.5-10%			
			Density: 1.05-1.09			
			Free alkali (as NaOH): 1.5-2.5%			
			Phosphate: ≤ 0.002% Inclusions:Safety Data Sheet			
			(SDS), Certificate of Analysis (CoA)	<u> </u>		
		58	Pipette Tips (universal fits all brands of pipettor,	5	pack	
			2-20 μL			
			vol. cap., reusable; 1000pcs/pk)			
		59	Pipette Tips (universal fits all brands of pipettor,	5	pack	
			1-5 mL			
			vol. cap., reusable; 1000pcs/set)			
		60	Pipette Tips (universal fits all brands of pipettor,	5	pack	
			1-10 mL			
			vol. cap., disposable; 1000pcs/pk)			
		61	Pipette Tip Rack (fits all 100-1000uL pipette tips,	3	pack	
			1000pcs/pack			
		62	Tissue, Giant Roll Paper Tissue, 3ply, 225 x	20	pack	
			214mm, 75pulls / 150sheets; 6 rolls/pack			
		63	Digestion Tube, Standard Straight Digestion Tube,	20	рс	
		C 4	100-150ml	20		
		64	Digestion Tube, Standard Straight Digestion Tube, 200-250ml	20	рс	
		65	HDPE Carboy Square Bottle for waste storage, 5	20	nc	
		05	Gal/20L capacity, white	20	рс	
		66	Laboratory Gloves, Nitrile, 100's/box, Small	20	box	
		67	Laboratory Gloves, Nitrile, 100's/box, Medium	20	box	
			·			
		68	Laboratory Gloves, Nitrile, 100's/box, Large	20	box	
		69	Polyethylene Terepthalate (PET) Bottles	300	рс	
			Capacity: 500 mL, Diameter 3.74 in; Height 3.81 in; Mouth Size: 3.62 in. opaque, color white.			
		70	Tin Containers for CNS Analysis (set of 1000)	12	co+	
		-			set	
		71	Pre-Packed Quartz Reactor for CNHS/NCS/S determination, 18mm	10	рс	
			Microbiology			
		72		-	Do++1-	
		72	Durham fermentation tubes, <=50mm diameter, borosilicate glass Type 1 class A, 72pcs/pack	5	Bottle	
		73	Polypropylene bags, 0.03 thickness, 6X12", 100	10	Bottle	
		/3	pcs per pack	10	bottle	
		74	Pipette tip rack, 10mL	5	Bottle	
			· · · ·			
		75 76	Pipette tip rack, 5mL	5	Bottle	
		76	Stirring rod, borosilicate glass material,	10	Bottle	
			length:300mm, diameter: 6mm, rounded ends	<u> </u>	<u> </u>	

PR Number	End User		Item	Qty	Unit	Statement of Compliance
		77	Laboratory Funnel, Borosilicate Glass Type 1,	20	Bottle	
			Funnel Dia: 90-100 mm, Stem Length at least 90			
			mm			
		78	Erlenmeyer flask, 50ml, Made of Type 1	20	Bottle	
			Borosilicate glass with No. 2 rubber stopper	<u> </u>	5	
		79	Volumetric flask, 100ml, Made of Type 1 Borosilicate glass with fitted stopper; Class A	5	Bottle	
			Graduation with Calibration Certificate			
		80	Volumetric flask, 50ml, Made of Type 1	5	Bottle	
			Borosilicate glass with fitted stopper; Class A			
			Graduation with Calibration Certificate			
		81	Volumetric flask, 250ml, Made of Type 1	5	Bottle	
			Borosilicate glass; Class A Graduation with			
			Calibration Certificate			
		82	Screw-cap test tube with fitted rubber-lined cap,	50	Bottle	
			borosilicate glass, type 1, Class A, 125-mm dia		5	
		83	Jar with lid, clear glass, 1.8L	60	Bottle	
		84	Beaker, 50mL, glass	60	Bottle	
			Soil Physics	L		
		85	Laboratory Tray (Dim: 46 x 14 x 2; easy cleaning;	15	рс	
			Uniform 3/16" heavy wall construction for added rigidity;			
			Standard color natural black or white)			
		86	Soil Hydrometer, For soil, with code ASTM H152,	10	рс	
			with Certificate of Compliance and Traceability			
		87	Multi-Purpose Plastic Tray, size: 39*30*7cm ,	15	рс	
		88	Graduated cylinder, 1000 mL, Made of Type 1	30	рс	
			Borosilicate glass; Class A Graduation with		·	
			Calibration Certificate			
		89	Wash Bottle, 500 mL, opaque color	10	рс	
		90	Desiccant, Blue Indicating Molecular Sieve,	5	can	
			reusable, mesh size:8x12mm, 2.2 kg/can			
		91	Magnetic Stir Bar (8mm x 28mm), PTFE Material	5	рс	
		92	Flexible Magnetic Stir Bar Retriever (60 cm), PTFE	3	рс	
		00	Material	-		
		93	Weighing Boat, size: medium; pack of 500, feature: Anti-static, approx: L: 85mm; W: 84mm;	2	pack	
			H: 24mm (dimensions are +/- 1 mm)			
		94	Weighing Boat, size: medium; pack of 500,	3	pack	
			feature: Anti-static, approx: 46mm; W: 46mm; H:		Pasit	
			8mm (dimensions are +/- 2 mm)			
		95	Plunger, brass, ,max weight:100g,	10	рс	
			Length: 24 inches			
			perforated sheet diameter: 5cm			
			hole diameter: 5mm			
			MATERIAL: BRASS	4==		
		96	Moisture disc, small, for soil analysis, Height: 2.1	150	рс	
			Inner Diameter: 5.1cm, With a lid, Material:			
			Aluminum			
		97	Perforated disc, For soil analysis, Inner	100	рс	
		-	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			

PR Number	End		Item	Qty	Unit	Statement of Compliance
r it itallibei	User		item	Qty		Statement of compliance
		98	Moisture Dish, Height: 3.5cm, Inner Diameter:	150	PC	
			6.5cm, With a lid, Material: Aluminum,			
			Flat-bottom, straight-side seamless, with tight			
			fitting cover			
		99	Shaking bottle, Capacity: 250 ml, Opaque wide	350	рс	
			mouth with screw cap, Polypropylene	igsquare		
		100	Glass Laboratory Bottles, French Square with	3	pack	
		404	Black Phenolic Lined Caps, 230-250ml, 24pcs/pack	_		
		101	Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml,	6	pack	
			24pcs/pack			
			Water Chemistry			
		102	500ml PP Wide Neck Storage Bottle, 10/pack	10	pack	
		103	Laboratory Spoon stainless steel Dual-purpose lab	10	рс	
		103	tool One end has a spatula blade ther end has a		PC	
			micro spoon			
		104	2000 mL Beaker, borosilicate, type 1, 4 pcs/pack	1	pack	
		105	Pipette Tips (universal fits all brands of pipettor,	5	Set	
			1-5 mL			
			vol. cap., reusable; 1000pcs/set)			
		106	Pipette Tips (universal fits all brands of pipettor,	5	Set	
			1-10 mL			
			vol. cap., disposable; 1000pcs/pk)			
		107	Digestion Tube, Standard Straight Digestion Tube,	20	рс	
		108	100-150ml Digestion Tube, Standard Straight Digestion	20	nc	
		100	Tube, 200-250ml	20	рс	
		109	Magnetic Stir Bar (8mm x 40mm)	10	рс	
			Magnetic Stir Bar (8mm x 20mm)	10	рс	
		111	PTFE (polytethaflouroethylene)	2	рс	
			size:250 MM	-	PC	
			MAGNETIC STIR BAR RETRIEVER			
		112	Stirring Rod, 250 mm	10	рс	
		113	Test Tube Brush	20	рс	
			Small			
			Nylon bristle, galvanized wires, with tied tip			
		114	Test Tube Brush	20	рс	
			medium			
		445	Nylon bristle, galvanized wires, with tied tip	20		
		115	Test Tube Brush Big	20	рс	
			Nylon bristle, galvanized wires, with tied tip			
		116	Laboratory spoon/spatula	10	рс	
		117	Weighing boat, 500pcs/box	2	рс	
		118	Graduated Cylinder, 1000ml, Made of Type 1	10	рс	
			Borosilicate glass; Class A Graduation			
			with certification			
		119	Graduated Cylinder, 500ml, Made of Type 1	10	рс	
			Borosilicate glass; Class A Graduation			
			with certification	igsqcut		
		120	Rubber Aspirator	5	рс	
		121	Beaker, 4000 mL, plastic	10	рс	
		122	Beaker, 1000 mL, plastic	10	рс	
		123	Test Tube Rack for 30 mL test tubes, plastic	5	рс	
		124	Brush for table, wooden, PET polyester sharp tip	2	рс	
1		125	Laboratory Tongs, Stainless Steel			

PR Number	End		Item	Qty	Unit	Statement of Compliance
	User			٦٠,		
		126	silicone-rubber molded hand protector	10	рс	
		127	Wash Bottle, 500 mL, opaque color	10	рс	
		128	Volumetric flask, class A with stopper, 5L	5	рс	
					·	
2025-00-00	SWRR	129	Graduated Cylinder, 1000 mL, Borosilicate Glass	21	unit	
58	D		class A			
		130	Scrubbing pad	10	pack	
			Heay Duty Scrub Sponge 100mm x 70mm			
		131	Disposable gloves	10	box	
			(Large) 100pcs/box color blue, Nitrile			
		132	Disposable gloves	10	box	
			(Medium) 100pcs/box color blue, Nitrile			
		133	Face mask	9	box	
			Non-woven disposable face mask, with ear loop			
			and tie on			
			3-4 ply, 50pcs			
		134	Interfolded paper towel	15	pack	
			175 pulls			
		135	Dishwashing liquid	5	Bottle	
			790ml Water, Sodiun Lauryl Sulfate, C12-14-16			
			Dimenthly Amine Oxide, Sodium Chloride, PEI-14			
			PEG-10/PG-7 Copolymer, PPG-26,			
			Phenoxyethanol, Cyclohexanediamine,			
		136	Methylisothiazolinone. Digital Timer	1	nc	
		130	Timing Capacity: 99 hours, 59 minutes, 59 seconds	1	рс	
			Timing Capacity. 99 Hours, 39 Himutes, 39 Seconds Timing Accuracy:0.01% accuracy			
			Resolution: 1 second			
			Dimensions: 2"x1-1/2 <u>"</u> x3/4" + 10%			
			Additional Functions:Key chain/alarm			
			Supplied With:key-chain, clip, magnet, opening for			
			lanyard, battery, Traceable® Certificate			
		137	Digital Thermohygrometer -Min/Max memory,	1	рс	
			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 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:			
2025-00-00	C/V/DD	120	12/24 hrs Resolution: 1 minute	4	Carbon	
58	D	138	Alcohol, Ethyl 95%	4	Carboy	
36	D		20liters cap.			
		139	Interfolded paper towel	41	pack	
		133	175 pulls		pack	
		140	Dishwashing liquid	25	Bottle	
			790ml Water, Sodiun Lauryl Sulfate, C12-14-16			
			Dimenthly Amine Oxide, Sodium Chloride, PEI-14			
			PEG-10/PG-7 Copolymer, PPG-26,			
			Phenoxyethanol, Cyclohexanediamine,			
			Methylisothiazolinone.			
		141	Scrubbing pad	25	pack	
			Heay Duty Scrub Sponge 100mm x 70mm			
		142	Disposable gloves	20	box	
			(Large) 100pcs/box color blue, Nitrile			
			•	•		

143 Disposable gloves (Medium) 100pcs/box color blue, Nitrile 144 Face mask Non-woven disposable face mask, with ear loop and tie on 3-4 ply, 50pcs 145 Handspray plastic bottle 500ml cap. (heavy duty) 146 Disinfectant Concentrate spray 10 bottle Pine Scent 500ml 147 Disinfectant Concentrate spray 10 bottle Disinfectant Spray Crsip Linen 170G 148 Bleaching Solution Bacteria and disenfectant (gallon) 149 Ziplock #11 (280 x 400 x 0.0400 mm) 100pcs/pack 150 Ziplock # 7 (140x200x0.04mm) 100pcs/pack 151 Handsoap Bar 130grams 99.9% of germs, antibac 152 Liquid Handsoap 450ml, anti-bacterial, pump	
144 Face mask Non-woven disposable face mask, with ear loop and tie on 3-4 ply, 50pcs 145 Handspray plastic bottle 500ml cap. (heavy duty) 146 Disinfectant Concentrate spray Pine Scent 500ml 147 Disinfectant Concentrate spray Disinfectant Spray Crsip Linen 170G 148 Bleaching Solution Bacteria and disenfectant (gallon) 149 Ziplock #11 (280 x 400 x 0.0400 mm) 100pcs/pack 150 Ziplock #7 (140x200x0.04mm) 100pcs/pack 151 Handsoap Bar 130grams 99.9% of germs, antibac 152 Liquid Handsoap 10 bottle	
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130grams 99.9% of germs, antibac 152 Liquid Handsoap 10 bottle	
152 Liquid Handsoap 10 bottle	
1 1 1 1	
450ml, anti-bacterial, pump	
2025-00-00 SWRR 153 Bottle top dispenser, max capacity of 5mL, 1 pc	
58 D 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	
154 Bottle top dispenser, 20-25 mL, Laboratory Grade; 1 pc	
Acid and Alkali Resistance; Double Valve (Safety	
Valve) to avoid the waste of solution; Equipped	
with multiple screw adapters, suitable for most	
reagent bottles	
155 Half Facepiece Reusable Respirator, Medium 10 pc	
Compatible to 3003/07047* organic vapor and	
acid gas cartridge	
156 Disposable gloves 10 box	
(Large) 100pcs/box color blue, Nitrile	
157 Disposable gloves 10 box (Medium) 100pcs/box color blue, Nitrile	
158 Face mask 10 box	
Non-woven disposable face mask, with ear loop	
and tie on	
3-4 ply, 50pcs	
159 Interfolded paper tower 67 pack	
175 pulls	
160 Lint-free wipes, 11.0 x 21.3 cm, 280 pieces, 1 ply, 5 box	
white, Material: Cellulose	
161 HDPE Carboy Square Bottle for waste storage, 5 10 pc	
Gal/20L capacity, white	
162 Filter Paper, No. 1, ashless, 125mm, 100 2 box	
circles/box, or equivalent	
2025-01-01 LSD BARMM	
82 163 Leaching Tubes with glass stopcock , 100 mL 54 set	
capacity,	ļ
164 Leaching Tube Rack, 6-hole 10 rack	
165 Safety Shoes, chemical resistant, black, with strap, 13 pair	

PR Number	End User		ltem	Qty	Unit	Statement of Compliance
			NIOSH approved			
		166	500 mL HDPE bottles with Cap	350	bot	
		167	Nitrile Gloves	20	box	
		168	Plastic Bag, 10"x18", 003 Thickness, 100 pieces/pack	25	pack	
		169	N95 mask with ear loop	8	box	
		170	Filter paper no. 42	4	box	
		171	Parafilm	2	box	
		172	Laboratory Cart	2	set	
		1/2	Laboratory Cart		361	
			Place of Delivery:			
			Regional Soils Laboratory-BARMM			
2025-01-01	LSD	173	Wash Bottle, 500 mL, opaque color	10	рс	
88		174	Disinfecting Wipes, at least 80 wet wipes/can, 473g	10	рс	
		175	Interfolded Paper Towel, 120pulls/pack	30	pack	
		176	KN95 Face Protective mask 5-ply, white 50	10	box	
			pcs./box			
		177	Face Mask Surgical 3-Ply, Disposable 50 pcs./box	30	box	
		178	Laboratory Gloves, Nitrile, 100's/box, Small	10	box	
		179	Laboratory Gloves, Nitrile, 100's/box, Medium	10	box	
		180	Laboratory Gloves, Nitrile, 100's/box, Large	10	box	
		181	Pro White hair net for clean room 100 pcs. / box	10	box	
		182	Pipette Tips (universal fits all brands of pipettor,	2	pack	
			1-5 mL			
			vol. cap., reusable; 1000pcs/set)			
		183	Tissue, Giant Roll Paper Tissue, 3ply, 225 x	20	pack	
			214mm, 75pulls / 150sheets; 6 rolls/pack			
		184	Inoculation loop, made of platinum/iridium or	2	pack	
			nickel/chromium, 3mm loop diameter, 10 pcs. /			
		105	pack Inoculating loop sterile disposable, approximately	10	nack	
		185	10ul, 25 pcs / pack	10	pack	
		186	Ziplock, resealable clear bag, size #7, dimension	5	pack	
		100	5.5x7.5 in, 100pcs/pack		paon	
		187	Waste Bin, 50 Liters, Black Bin, Blue Lid with	1	рс	
			pedal, no wheels			
		188	Waste Bin, 50 Liters, Black Bin, Green Lid with	1	рс	
			pedal, no wheels			
		189	Waste Bin, 50 Liters, Black Bin, Yellow Lid with	1	рс	
		400	pedal, no wheels	4		
		190	Magnetic Stirrer mixing stir bar Rod 80 mm (3.15")	1	рс	
			x 10 mm cylinder shape coating Magnet white for Laboratory 1pc			
		191	Magnetic Stir bar Retriever, 250 mm / 10 inch	2	рс	
		131	Steel core PTFE Chemical Resistant	_	PC	
		192	Magnetic Stirrer mixing stir bar Rod 100 mm (4") x	1	рс	
			10 mm with ring shape coating Magnet white for			
			Laboratory			
		193	Silicone Oven Mitts Heat Resistant Oven Gloves	3	pair	
			with Non-Slip Waterproof Soft Lining Silicone			
		104	Oven mitt 2PCS Black	10	nach	
		194	Clear Plastic Sando Bag PE Plastic Bag Takeout Plastic Bag small (22 x 32 x 12 cm) 50pcs./Bundle	10	pack	
		195	Clear Plastic Sando Bag PE Plastic Bag Takeout	10	pack	
					- 2.3	
	-	•	Page 24 of 65			- ** -

PR Number	End User		Item	Qty	Unit	Statement of Compliance
	Osei		Plastic Bag Medium (24 x 42 x 14 cm)			
			50pcs./Bundle			
		196	Clear Plastic Sando Bag PE Plastic Bag Takeout	10	pack	
			Plastic Bag Large (32 x 56 x 20 cm) 50pcs./Bundle		P	
		197	Laboratory Tray Pan, rectangular, Stainless,	4	pcs	
			9"x13", can withstand heat of at least 150degC,			
			scratch resistant, 2.5mm Thickness			
		198	Zero Scratch Scrub Dishwashing Sponges	10	pack	
			3pcs./pack			
		199	Bottle Brush Cleaner Set - Long Large Cleaing	3	Set	
			Brush for Narrow Neck Wine/Beer Bottles/ Flask/			
			Thermos/ Hummingbird Feeder/ Sport Well,			
		200	Spout/Lid Brush, Straw Brush	_		
		200	Antibacterial Hand Soap 750ml	5	рс	
		201	All Purpose Cleaner 2.5 Gallon / Multi Purpose Disinfectant Cleaner	10	рс	
		202		15	nc	
		202	Scrub suit, top and pants, unisex, coordinate with end-user re sizing	15	рс	
		203	Heat Sealing Machine 12 Inch Impulse Sealer	2	рс	
		203	Machine for Plastic Bags PE PP Bags	_	pc	
		204	Autoclavable plastic bags (5.5"x 7.5") 100 pcs./	5	pack	
			pack		P	
		205	Glass Beaker with Handle, Beaker Mug with	4	рс	
			Pouring Spout, Double Graduated, 500ml		•	
			(16.9oz/2.1cup)			
		206	Sterile Disposable Petri Plates Optically clear,	30	pack	
			transparent, disposable petri plates, size: 90 mm			
			diameter x 25 mm, 10pcs/pack			
		207	Cotton-Tipped Applicator Sticks	10	box	
			(Fine natural non-treated with chemicals, 6"			
			wooden stem and 1/2" in diameter,100% pure			
		208	cotton tip) 400 mL Sterile Lab blender bag, transparent,	3	box	
		200	preferably with easy pipette access, comes in at	3	DOX	
			least 500 pcs per box			
		209	Bag rack stand, stainless steel or plastic rack stand	2	рс	
			for at least 10 Lab blender bag	_	Po	
			RST/Water Test Kit			
		210	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap with printed label background	0	•	
			color:Maroon			
			Text: IN1(al);Font Color:White;			
		211	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap with printed label	0		
			Text: IN2(al);Font Color:White; background			
			color:Maroon			
		212	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap with printed label	0		
			Text: T(al);Font Color:White; background color:Maroon			
		213	Solution bottles, opaque, squeezable, 30 ml,	2,50	ncs	
		213	screw cap with printed label	2,50	pcs	
			Text: IN1(cl); Font Color: White; background			
			color:Yellow			
]		214	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap with printed label	0		
			Text: T(cl); Font Color:White; background			
			• • •			

PR Number	End		Item	Qty	Unit	Statement of Compliance
	User					
			color:Yellow			
		215	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap, with printed label	0		
			No background color			
			Text: DISTILLED WATER; Font color: Black			
		216	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap with printed label	0		
			Text: Nw; Font Color:White; background color:Green			
		217	Solution bottles, opaque, squeezable, 30 ml,	2,50	ncc	
		217	screw cap with printed label	0	pcs	
			Text: Pw; Font Color: White; background			
			color:BLUE			
		218	Solution bottles, opaque, squeezable, 30 ml,	2,50	pcs	
			screw cap with printed label	0	μ-5-5	
			Text: AA; Font Color:White; background			
			color:BLUE			
		219	65L Storage Box(Clear)	2	pcs	
		220	Half-Mask respirator, Assigned Protection	30	pcs	
			Factor:10, Compatible with Air System SA Series,			
			Recommended application: Ford Chemical Testing			
			(Small - Large)			
		221	Plastic scoop, 0.5 gram, 100pcs/pack	40	pcs	
		222	1"x1" Clear Small Plastic Resealable Poly Zip Bags	5	packs	
			Lock,			
[Soil Chemistry			
		223	Weighing Boat, size: medium ; pack of 500,	2	pack	
			feature: Anti-static, approx: L: 85mm; W: 84mm;			
			H: 24mm			
		224	Weighing Boat, size: medium; pack of 500,	2	pack	
			feature: Anti-static, approx: 46mm; W: 46mm; H:			
		225	8mm	_		
		225	Test Tube Brush	5	рс	
			Small			
		226	Nylon bristle, galvanized wires, with tied tip Test Tube Brush		nc	
		226	medium	5	рс	
			Nylon bristle, galvanized wires, with tied tip			
		227	Test Tube Brush	5	рс	
			Big			
			Nylon bristle, galvanized wires, with tied tip			
		228	Graduated leaching tube	102	рс	
			100 -mL Capacity with stopcock			
		229	6-placer Graduated leaching tube rack	17	Рс	
			material: Wood			
		230	Conical centrifuge tube, 50 mL	15	pack	
			50 pcs/pack			
[231	Test tube rack, approx: L: 11 in., W: 4.25 in., H:	10	Pc	
			3.62 in., diameter (inner): 30 mm			
		232	Graduated Glass beaker, 600 mL, Type 1	20	Pc	
			Borosilicate			
		233	Graduated Glass beaker, 250 mL, Type 1	30	рс	
			Borosilicate			
		234	Graduated Glass beaker, 150 mL, Type 1	30	рс	
			Borosilicate	4.5		
		235	Graduated Glass beaker, 50 mL, Type 1	10	рс	
			Borosilicate			

PR Number	End User		Item	Qty	Unit	Statement of Compliance
		236	Graduated Glass beaker, 10 mL, Type 1 Borosilicate	10	рс	
		237	Graduated Glass beaker, 1000 mL, Type 1 Borosilicate	10	рс	
		238	Graduated Glass beaker, 2000 mL, Type 1 Borosilicate	5	рс	
		239	Graduated medicine cup, 30 mL,	1	pack	
			transparent/translucent, 100 pcs/pack Material: Polypropylene			
		240	Soft-tipped bristle Flat brush, wooden handle. 50mm wide	5	рс	
		241	Graduated laboratory beaker with handle Material: Polypropylene	10	рс	
			Capacity: 5 Liters			
		242	Wash bottle, 500 mL capacity.	20	рс	
		242	Material: LDPE. Narrow neck	20		
		243	Volumetric flask, 50ml, Made of Type 1 Borosilicate glass with fitted stopper; Class A Graduation with Calibration Certificate	20	рс	
		244	Cotton roll, 100 gram per pack. Absorbent	10	pack	
		245	Volumetric flask, 100ml, Made of Type 1	50	рс	
		2.13	Borosilicate glass with fitted stopper; Class A Graduation with Calibration Certificate	30	ρc	
		246	Digestion tube round buttom vessel, 100 mL 24x 300 mm height; 30 cm	100	рс	
			inner diameter: 2.4 cm			
		247	Erlenmeyer flask, 125ml, Made of Type 1	200	рс	
			Borosilicate glass			
		248	Mobile Phase Filter Degasser Assembly:	1	рс	
			2 L receiving flask, glass Membrane holder, glass			
			500 mL Reservoir			
		249	Nylon membrane filter, 47 mm, 0.2 micron pore size, 100 pcs/pk	10	pack	
		250	Glass Conical Tubes with Graduation, 50 mL, height 14cm, dia 3cm	50	pcs	
		251	Glass Conical Tubes Rack, 24 holes (PET), hole size: 3.5cm x 3.5cm	2	pcs	
		252	Carboy (rectangular) Material: HDPE	50	рс	
			20 L Capacity/ Black			
		253	Hand towel (good morning)	10	рс	
2025-01-01 84	LSD		Soil Chemistry			
		254	Graduated leaching tube	80.0	рс	
			100 -mL Capacity with stopcock	0		
		255	Digestion tube round bottom vessel, 100 mL with	50.0	рс	
		256	metal rack	0	nlı	
		256	Syringe Volume: 1-10 mL, graduated	3.00	pk	
			Material: Plastic			
			Type: Luer-Lock			
			Diameter: 25 mm			
			Suitable for 0.45 μm Syringe filter with 25 mm diameter			
			100 pcs/pk			

PR Number	End		Item	Qty	Unit	Statement of Compliance
	User	257	c · cu	2.00		
		257	Syringe filter Pore size: 0.45 μm	3.00	pk	
			Membrane: PVDF			
			Diameter: 25 mm			
			100 pcs/pk			
		258	Digestion tube rack 50 holes hole size: 3.4cm x	2.00	рс	
			3.4cm material: metal			
		259	Digestion tube rack 24 holes hole size: 6cm x 6cm	4.00	рс	
			material: metal			
		260	Distillation tube round bottom vessel volume: 250	100. 00	рс	
		261	Laboratory Gown, Customized with embroidered	30.0	рс	
		201	logo, with adjustable cuffs	0	рc	
		262	Laboratory Gown, Customized with embroidered	80.0	рс	
			logo and name	0		
		263	Laboratory Gown, Customized with embroidered	120.	рс	
			logo	00		
		264	Pipette Tips (universal fits all brands of pipettor,	5.00	pack	
			100-1000 μL			
		265	vol. cap., reusable; 1000pcs/set)	6.00		
		265	Sample Container 10-20 mL Capacity,	6.00	case	
			Caps included			
			Material: PP			
			500 pcs per case			
		266	Syringe	4.00	рс	
			100μL Capacity			
			Acid Resistant needle			
			Removable Needle Primary Material: Glass			
			Barrel Inner Diameter: 1.4mm			
			Stroke Length: 60mm			
		267	Volumetric flask, 50ml, Made of Type 1	150.	рс	
			Borosilicate glass with fitted stopper; Class A	00	-	
			Graduation with Calibration Certificate			
		268	Round Media Storage Bottles, 1 L, with Screw Cap,	5.00	рс	
			clear			
		260	Soil Physics	4.00		
		269	Soil Hydrometer, For soil, with code ASTM H152, with Certificate of Compliance and Traceability	4.00	рс	
		270	Graduated cylinder, 1000 mL, Made of Type 1	40.0	рс	
		_,0	Borosilicate glass; Class A Graduation with	0	PC	
			Calibration Certificate			
			Soil Microbiology			
		271	Culture tubes with phenolic caps, round bottom,	2.00	box	
			autoclavable, borosilicate glass, 16 mm × 160 mm,			
		2=5	approx. 1mm thickness, 100pcs/box	2.00	,	
		272	Culture tubes with phenolic caps, round bottom, borosilicate glass, autoclavable, 18-20-mm ×	2.00	box	
			180-200 mm, approx. 1.8mm thickness,			
			100pcs/box			
		273	Sterile Disposable Petri Plates Optically clear,	800.	pack	
			transparent, disposable petri plates, size: 90 mm	00		
			diameter x 25 mm, 10pcs/pack			
		274	Interfolded Paper Towel, 120pulls/pack	48.0	pack	

PR Number	End		Item	Qty	Unit	Statement of Compliance
	User			0		
		275	Tissue Cient Bell Beneau Tissue 2als 225 u	0		
		275	Tissue, Giant Roll Paper Tissue, 3ply, 225 x 214mm, 75pulls / 150sheets; 6 rolls/pack	48.0	pack	
		276		0	In	
		276	KN95 Face Protective mask 5-ply, white 50	16.0	box	
		277	pcs./box	0	I	
		277	Face Mask Surgical 3-Ply, Disposable 50 pcs./box	48.0 0	box	
		278	Laboratory Gloves, Nitrile, 100's/box, Small	48.0	box	
		2/0	Laboratory Gloves, Nitrile, 100 Sybox, Siriali	46.0	DOX	
		279	Laboratory Gloves, Nitrile, 100's/box, Medium	48.0	box	
		2/9	Laboratory Gloves, Nitriie, 100 S/Box, Medium	46.0	DOX	
		280	Laboratory Gloves, Nitrile, 100's/box, Large	48.0	box	
		200	Laboratory Gloves, Nitriie, 100 S/DOX, Large	46.0	DOX	
		281	Zero Scratch Scrub Dishwashing Sponges	32.0	nack	
		201	3pcs./pack	0	pack	
		282	Delicate Task wipers, suitable for laboratory	48.0	box	
		202	instrument, glassware and other delicate surfaces,	0	DOX	
			1ply/sheet, 286 sheets/box	U		
		283	Media bottle, 500 mL, permanent white enamel	32.0	pcs	
		203	graduations and marking spots, with	0	pcs	
			Polypropylene screw cap	U		
		284	Media bottle, 250ml, permanent white enamel	64	рс	
		201	graduations and marking spots, with	0.	PC	
			Polypropylene screw cap			
		285	Autoclave indicator tape, with printed diagonal	35.0	рс	
			strips, Size: 19mmx50mm	0		
		286	Polypropylene bags, 12x18 Polypropylene	32.0	pack	
			autoclavable bags, 0.018 thick (approx	0	'	
			100pcs/pack)			
		287	Beaker, 2000L, plastic	32	рс	
		288	Spatula, White, Heavy duty Silicone, 11", Heat	32	рс	
			Resistant			
		289	All Purpose Cleaner 2.5 Gallon / Multi Purpose	32.0	рс	
			Disinfectant Cleaner	0	-	
		290	Bottle and cylinder brush, radial tip	32.0	рс	
				0		
		291	Beakers, 50ml, PET plastic	15.0	рс	
				0		

LOT 3 - PROVISION OF CERTIFIED REFERENCE MATERIAL AND QUALITY REFERENCE MATERIAL

PR	End	Item	Item	Otv	Unit	Statement of Compliance
Number	User	no.	itein	Qty	Onit	Statement of Compliance
2025-00-0			Provision of Certified Reference Material and			
060	LSD		Quality Reference Material			
			NSHP			
		1	History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry 10 samples per set, 1kg/bottle, with analysis report (hard copy and softcopy) Soil Salinity Parameters are the following but not limited to: - Saturation Paste Moisture - Salinity pH - Salinity ECe - Salinity Bicarbonate - Salinity Calcium - Salinity Magnesium - Salinity Potassium - Salinity Sodium - Salinity SAR - Salinity Sulfate - Soil Salinity Chloride - Soil Salinity Nitrate - Total Organic	5	bottle	

PR Number	End User	Item no.	ltem	Qty	Unit	Statement of Compliance
			Carbon			
		2	History Proficiency Test Samples (Quality Reference Material) for Soil Physics; 150g/bottle Parameters: - Field Capacity (1/3bar), Permanent Wilting Point (15 bar) Moisture Content with Certificate of Analysis	15	bottle	
		3	History Proficiency Test Samples (Quality Reference Material) for Soil Physics; 8 samples per set, 1kg/bottle Soil Parameter: Particle Size Analysis, Field Capacity (1/3bar), Permanent Wilting Point (15 bar) and Available Water with Certificate of Analysis	5	bottle	
		4	Certified Reference Material for Water (NO3-N, PO4-P and NH4-N), 15-20 mL /Bottle, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: - Nitrate (NO3-N) in water - Phosphorus in phosphate (PO4-P) in water - Ammonia (NH4-N) in water	2	bottle	
		5	Certified Reference Material for Water (Calcium and Magnesium), 500 mL with certificate of analysis	2	bottle	
		6	Certified Reference Material for Water (Alkalinity as CaCO3, Cl, NO3, SO4, K, Na, EC), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: - Alkalinity as CaCO3 - Chloride in water - Nitrate in water - Sulfate in water - Sodium and Potassium in water - pH in water - Electrical Conductivity in water	2	bottle	
		7	Certified Reference Material for Water (pH), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to:: -pH in Water	2	bottle	
		8	Certified Reference Material for Water (Heavy Metals), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: -Pb, Hg, Cd, As, Cr	2	bottle	
		9	Certified Reference Material for Compost (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	3	bottle	

PR	End	Item	ltem	Qty	Unit	Statement of Compliance
Number	User	no.	"Certified Reference Material for Land Plants (
		10	Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Heavy Metals), with certificate of analysis, Must have NIST Traceability, 10-30g/bottle Plant Tissue Parameters: -Total Nitrogen - Total Bases (Total Calcium, Total Potassium, Total Magnesium, Total Sodium) - Total Phosphorus - Total Zinc, Manganese, Iron, Copper - Lead, Hg, Cd, As, Cr"	2	bottle	
		11	Certified Reference Material for Inorganic Fertilizer (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr, CaCO3, S), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	4	bottle	
		12	Certified Reference Material for Foliar Fertilizer (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	4	bottle	
		13	History Proficiency Test Samples (Quality Reference Material) for Water Chemistry; 8 samples per set, approx 500mL/bottle, 3 different concentration, with Certificate of Analysis Water Parameters: - pH - Electrical Conductivity - Sulfate - Nitrate - Bicarbonate/carbonate - Chlorides - Phosphate	2	bottle	
2025-00-0	1.00		150 17025			
060	LSD	14	ISO 17025 Certified Reference Material for Compost (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	1	bottle	
		15	"History Proficiency Test Samples (Quality Reference Material) for Water Chemistry; 8 samples per set, approx 500mL/bottle, 3 different concentration, with certificate analysis Water Parameters: - pH - Electrical Conductivity - Sulfate - Nitrate - Bicarbonate/carbonate - Chlorides - Phosphate"	1	bottle	

PR	End	Item	Item	Qty	Unit	Statement of Compliance
Number	User	no.	iteiii	Qty	Oilit	Statement of compliance
2025-01-0	LSD		History Proficiency Test Samples (Quality			
183			Reference Material) for Soil Chemistry and			
			Physical Parameters; 4 samples per set,			
			1kg/bottle, with certificate of analysis report			
			Soil Parameters are the following but not limited			
			to:			
			- Soil Electrical Conductivity (1:1 Soil-to-Water			
			Ratio)			
			- Soil pH (1:1 Soil-to-Water Ratio)			
			- Available Phosphorus (Olsen and Bray Method)			
			- Exchangeable Bases Ammonium Acetate			
			Extraction Method for Potassium, Sodium,			
			Magnesium and Calcium			
			- Trace Elements DTPA Extraction Method (Iron,			
			Copper, Zinc and Manganese)			
			- Soil Total Nitrogen (Kjeldahl)			
			- Soil Organic Matter (Walkley-Black)			
			- Cation Exchange Capacity			
			- Particle Size Analysis (Sand, Silt and Clay)			
		16	4 bottles per set	15	set	

LOT 4: SUPPLY AND DELIVERY OF VARIOUS CONTROLLED CHEMICALS

PR no.	End User	Item no.	Item	Qty	Unit	Statement of Compliance	
2025-00-0							
057	57 LSD		Provision of Chemical Filtering Supplies				
			Water Chemistry Section				
		1	Potassium Chromate, AR, 500g/btl	10	Bottle		
			Water Test Kit				
		2	Hydrochloric Acid, conc., AR, 2.5 L/btl	5	Bottle		
		3	Sulfuric acid, AR, 2.5 L/btl	5	Bottle		
			Soil Physics Section				
			Soil Chemistry				
		4	Potassium Dichromate, AR, Powder, 500g/bottle	10	Bottle		
		5	Potassium Chromate, AR, 500g/bottle	5	Bottle		
			RST				
		6	Potassium dichromate, AR, 500g /bottle	2	Bottle		
		7	Hydrochloric Acid, AR,37% Concentrated, 2.5				
		,	L/bottle	15	Bottle		
		8	Sulfuric Acid, AR, 98%Concentrated 2.5 L/bottle	20	Bottle		
			P and Beta Enzymatic Activity				
		9	Hydrochloric acid ACS,37% Concentrated, 2.5 L/bottle'	1	Bottle		
		10	Toluene, 1L Certified ACS , ≥99.5%, 500ml/bottle	2	Bottle		
2025-00-0 058	SWRR D						
		11	Sulfuric Acid, AR, Concentrated 2.5 L/bottle, staggered delivery Statutory Requirements: Must have PDEA permit to purchase or equivalent	4	bottle		
		12	Hydrochloric acid 37 %, 2.5 L	2			

PR no.	End User	Item no.	Item	Qty	Unit	Statement of Compliance
		12	Potassium Dichromate			
		13	AR grade , 500g/bottle	2	bottle	
2025-01-0			Provision of Chemical and Filtering			
181	LSD		Supplies-Laboratory Supplies			
			NSHP			
			BARMM			
		14	Hydrochloric Acid, AR, 2.5 L/bottle	8	bottle	
		15	Sulfuric Acid, AR, 2.5 L/bottle	5	bottle	
		16	Acetone, AR, 2.5 L/bottle	2	bottle	
			Note: Bidders to submit CCO REGISTRATION			
			CERTIFICATE and PDEA PERMIT. during Post			
			Qualification			

	Compliance w	vith Section	VI. Sche	edule of Re	auirements
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Name and Signature of Authorized Representative

Company Name

Date Signed

LOT 1: SUPPLY AND DELIVERY OF VARIOUS CHEMICALS

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
2025-00-0057	LSD		Provision of Chemical Filtering Supplies				
			NSHP				
			Water Chemistry Section				
			ELUENT SOLUTION				
		1	Sodium Carbonate-Sodium Bicarbonate mixture, 500 mL/bottle Sodium carbonate (7.5) : sodium hydroxide (0.75)	5	Bottle	12,000.00	60,000.00
		2	Diphenylamine, 500 g, AR grade	5	Bottle	12,000.00	60,000.00
		3	Iron Powder, 99%, AR grade, 500 g	5	Bottle	6,000.00	30,000.00
		4	Silver Nitrate, AR, 250g/bottle	5	Bottle		90,000.00
		4	· · · · · · · · · · · · · · · · · · ·) 3	воше	18,000.00	90,000.00
		5	Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		6	Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		7	Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		8	Copper Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		9	Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle , 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		10	Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle , 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		11	Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle , 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		12	Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 500ppm or equivalent	2	Bottle	6,000.00	12,000.00
		13	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 500ppm or equivalent, no formaldehyde content	2	Bottle	6,000.00	12,000.00
		14	Standard metal solutions for ICP, NIST Traceable with COA, 500mL/bottle: Cu, Fe, Mn, Zn, Ca, Mg, Na, K, Pb, As, Hg, Cd, Ag, Cr, Ni, 500ppm or equivalent	2	Bottle	24,000.00	48,000.00
		15	Nitrate Standard, AR, 500mL/btl, NIST Traceable with COA, 500ppm or equivalent	2	Bottle	8,400.00	16,800.00
		16	orthophenanthroline 99%, AR grade, 25 g/bottle	1	Bottle	36,000.00	36,000.00
		17	Titriplex V, 100g, AR Grade	5	Bottle	13,200.00	66,000.00
		18	Aspartic Acid Standard for NC Analysis 10g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	11,040.00	33,120.00
		19	Sulfanilamide Standard for NC Analysis 1-2g per bottle, NIST Traceable with	3	Bottle	4,440.00	13,320.00

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
			Certificate of Analysis				
		20	Vanadium Pentoxide, 1g, 90-99.9% Purity	5	Bottle	3,000.00	15,000.00
		21	EC Conductivity Standard, NIST Traceable - 111.8 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	5,000.00	15,000.00
		22	EC Conductivity Standard, NIST Traceable - 12880 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	5,000.00	15,000.00
		23	EC Conductivity Standard, NIST Traceable - 1413 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	5,000.00	15,000.00
		24	EC Conductivity Standard, NIST Traceable - 147 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	5,000.00	15,000.00
		25	EC Conductivity Standard, NIST Traceable - 84 uS/cm, with Certificate of Analysis (COA), 500 mL/bottle	3	Bottle	5,000.00	15,000.00
			Water Test Kit				0.00
		26	Ammonium molybdate, AR, powder, 500g/btl	20	Bottle	12,000.00	240,000.00
		27	Potassium Antimony Tartate, AR, 500g/bottle	10	Bottle	3,000.00	30,000.00
		28	Ascorbic acid, AR, 100g/bottle at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life	15	Bottle	3,000.00	45,000.00
		29	Sulphanilamide, AR, 50 g/btl	15	Bottle	8,400.00	126,000.00
		30	N-(1-naphtyl)-ethylenediamine dihydrochloride (NED), AR, 100g/btl	15	Bottle	3,600.00	54,000.00
		31	Zinc powder, 99.99%, AR, 10g/btl	10	Bottle	27,600.00	276,000.00
		32	Zn wire reel, 1m, diameter 1.0mm, 99.99+%	3	Bottle	15,600.00	46,800.00
		33	Silver Nitrate, AR, 250g/btl	10	Bottle	3,600.00	36,000.00
		34	Sodium chloride, AR, 500g/btl	5	Bottle	6,960.00	34,800.00
		35	Bromocresol Green, AR, 5g/btl	3	Bottle	5,640.00	16,920.00
		36	Methyl Red, AR, 5g/btl	3	Bottle	4,440.00	13,320.00
		37	Methyl Orange ACS reagent, Dye content 85 % 25g/btl	10	Bottle	5,400.00	54,000.00
		38	Ethyl alcohol ACS spectrophotometric grade, 95.0% 1L/btl	5	Bottle	15,000.00	75,000.00
		39	Phenolphthalein, AR, 500g/btl	5	Bottle	3,360.00	16,800.00
		40	pH Buffer 7.00, 1L/btl, NIST Traceable, with COA	3	Bottle	6,960.00	20,880.00
		41	pH Buffer 4.00, 1L/btl, NIST Traceable, with COA	3	Bottle	6,960.00	20,880.00
		42	pH Buffer 10.00, 1L/btl, NIST Traceable, with COA	3	Bottle	6,960.00	20,880.00
		43	Standard metal solutions in ≤ 2% HNO3 for ICP, NIST Traceable with COA, 1000 ppm, 500mL/bottle: Cu, Fe, Mn, Zn, Ca, Mg, Na, K, Pb, As, Hg, Cd, Ag, Cr, Ni,	1	Bottle	24,000.00	24,000.00
			Soil Physics Section				0.00
		44	Sodium Hexametaphosphate, AR, 500g/bottle	20	Bottle	3,000.00	60,000.00
		45	Sodium Citrate Tribasic Dihydrate, AR, 500g/bottle	10	Bottle	1,800.00	18,000.00
		46	Sodium Bicarbonate, AR, 500g/bottle	10	Bottle	3,000.00	30,000.00
		47	Sodium Dithionite, AR, 500g/bottle	10	Bottle	3,600.00	36,000.00
		48	Sodium Acetate, AR, 500g/bottle	10	Bottle	1,800.00	18,000.00

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
		49	Sodium Chloride, AR, 500g/bottle	10	Bottle	3,000.00	30,000.00
		50	Amyl Alcohol, ≥99%, 1000ml/bottle	3	Bottle	7,200.00	21,600.00
			Soil Chemistry				0.00
		51	L-lysine Monohydrochloride, with Certificate of Analyis AR/NIST Traceable , 100g/bottle	2	Bottle	6,000.00	12,000.00
		52	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analyis, ≥99% Powder, 100g/bottle	2	Bottle	110,000.00	220,000.00
		53	Sucrose Standard, NIST Traceable with Certificate of Analyis, 100g/bottle	2	Bottle	88,000.00	176,000.00
		54	NIST Traceable pH Buffer Solution pH 7.00 (yellow); 1L/bottle	2	Bottle	4,000.00	8,000.00
		55	NIST Traceable pH Buffer Solution pH 4.00 (pink); 1L/bottle	2	Bottle	4,000.00	8,000.00
		56	NIST Traceable pH Buffer Solution pH 10.00 (blue); 1L/bottle	2	Bottle	4,000.00	8,000.00
		57	EC Standard NIST Traceable with Certificate of Analyis, 84uS/cm, 500 ml/bottle	2	Bottle	5,000.00	10,000.00
		58	EC Standard NIST Traceable with Certificate of Analyis, 12.88mS/cm, 5bottle x60mL	2	Bottle	5,000.00	10,000.00
		59	EC Standard NIST Traceable with Certificate of Analyis, 147uS/cm, 500 ml/bottle	2	Bottle	5,000.00	10,000.00
		60	EC Standard NIST Traceable with Certificate of Analyis, 1413uS/cm, 500 ml/bottle	2	Bottle	5,000.00	10,000.00
		61	Iron Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent,	2	Bottle	5,000.00	10,000.00
		62	Manganese Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent,	2	Bottle	5,000.00	10,000.00
		63	Zinc Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	5,000.00	10,000.00
		64	Copper Standardin ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	5,000.00	10,000.00
		65	Calcium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	5,000.00	10,000.00
		66	Magnesium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	5,000.00	10,000.00
		67	Sodium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	5,000.00	10,000.00
		68	Potassium Standard in ≤ 2% HNO3 (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000 ppm or equivalent	2	Bottle	5,000.00	10,000.00
		69	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis , 1000 ppm or equivalent, no formaldehyde content	2	Bottle	5,000.00	10,000.00
		70	Nitrate Standard, AR, 500mL/btl, NIST Traceable with COA, 1000 ppm or equivalent	2	Bottle	7,000.00	14,000.00
		71	Sodium hydroxide, flakes, 2 Kg/pack, Technical Grade	40	Bottle	2,500.00	100,000.00
		72	Sodium Bicarbonate, AR, 500g/bottle	10	Bottle	2,500.00	25,000.00
		73	Ammonium Acetate, AR 98%, 500g/bottle	10	Bottle	6,000.00	60,000.00

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
		74	Ammonium Fluoride, AR grade, 500g/bottle	5	Bottle	6,000.00	30,000.00
		75	Ammonium Sulfate, AR, 500g/bottle	5	Bottle	2,500.00	12,500.00
		76	Copper sulfate pentahydrate, AR, 500g/bottle	10	Bottle	2,500.00	25,000.00
		77	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	5	Bottle	7,000.00	35,000.00
		78	Ascorbic Acid, 100g/bottle, AR	5	Bottle	3,500.00	17,500.00
		79	Potassium Antimony Tartrate, AR, 500g/bottle	5	Bottle	3,000.00	15,000.00
		80	Methyl Red, AR, 5g/bottle	5	Bottle	2,200.00	11,000.00
		81	Bromocresol green, AR, 5g/bottle	5	Bottle	3,500.00	17,500.00
		82	Boric Acid AR, 500g/bottle	10	Bottle	4,000.00	40,000.00
		83	Activated Charcoal, AR, Phosphate-free, 1kg/bottle	10	Bottle	11,500.00	115,000.00
		84	Ammonium metavanadate, AR, powder, 500g/bottle	1	Bottle	13,000.00	13,000.00
		85	Ammonium hydroxide, conc., AR, 2.5 L/bottle	1	Bottle	3,000.00	3,000.00
		86	Potassium chloride, AR, 500g/bottle	10	Bottle	2,300.00	23,000.00
		87	Calcium Carbonate, 500g/bottle, AR	5	Bottle	4,500.00	22,500.00
		88	Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle	2	Bottle	10,000.00	20,000.00
		89	Potassium Nitrate, AR, 500g/bottle	2	Bottle	2,500.00	5,000.00
		90	Magnesium Chloride hexahydrate, 500g/bottle, AR	2	Bottle	3,000.00	6,000.00
		91	Kjeltabs VCM, Content per tablet: 3.5g Potassium Sulfate and 0.1g Copper Sulfate, 1000pcs/box. Attached SDS/COA of item	2	Bottle	30,000.00	60,000.00
		92	Sodium Nitrite, AR, 500g/bottle	20	Bottle	3,000.00	60,000.00
		93	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	6	Bottle	5,500.00	33,000.00
		94	Barium Chloride dihydrate, AR, 500g/bottle	2	Bottle	3,500.00	7,000.00
		95	Orthophosphoric Acid (Analytical/Lab Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >99% Purity), 2.5L/bottle	10	Bottle	7,000.00	70,000.00
		96	Ethanol, technical grade, 95%, 20L/ carboy	20	Bottle	4,500.00	90,000.00
		97	Triethanol amine, AR, 1 L/Bottle	10	Bottle	15,000.00	150,000.00
		98	Ethanol AR ≥ 99% 2.5 L/bottle	30	Bottle	4,000.00	120,000.00
		99	ICP-OES Standard - Arsenic in ≤ 2% HNO3 ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in nitric acid (nominal concentration), atleast 100 mL	1	Bottle	4,440.00	4,440.00
		100	ICP-OES Wavelength Calibration Solution; 500 mL, contains 50 mg/L Al, As, Ba, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Sr, Zn and 500 mg/L K in 2 % HNO3 with Certificate of Analysis & Material Safety Data Sheet	3	Bottle	95,040.00	285,120.00
		101	ICP-OES Standard - Aluminum ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	4,440.00	4,440.00
		102	ICP-OES Standard - Boron ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal concentration), atleast 100 mL	1	Bottle	4,440.00	4,440.00
		103	ICP-OES Standard - Barium ICP Standard NIST Traceable with Certificate of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	1	Bottle	4,440.00	4,440.00

PR Number	End User	item no.	ltem	Quant ity	Unit	MOOE	Total Cost
			concentration), atleast 100 mL				
			ICP-OES Standard - Cadmium				
		104	ICP Standard NIST Traceable with Certificate	_	Dattle	4 440 00	4 440 00
		104	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	1	Bottle	4,440.00	4,440.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Calcium				
		105	ICP Standard NIST Traceable with Certificate	3	Datala	4 440 00	12 220 00
		105	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	3	Bottle	4,440.00	13,320.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Chromium				
		106	ICP Standard NIST Traceable with Certificate	1	Bottle	4 440 00	4 440 00
		106	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	1	воше	4,440.00	4,440.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Cobalt				
		107	ICP Standard NIST Traceable with Certificate	4	Dottlo	4 440 00	4 440 00
		107	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	1	Bottle	4,440.00	4,440.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Copper				
		108	ICP Standard NIST Traceable with Certificate	2	Bottle	4,440.00	9 990 00
		108	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	-	воше	4,440.00	8,880.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Iron				
		109	ICP Standard NIST Traceable with Certificate	2	Bottle	4 440 00	9 990 00
		109	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	2	Bottle	4,440.00	8,880.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Lead				
		110	ICP Standard NIST Traceable with Certificate		D - 441 -	4 440 00	4 440 00
		110	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	1	Bottle	4,440.00	4,440.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Magnesium				
		111	ICP Standard NIST Traceable with Certificate	,	Datala	4 440 00	0.000.00
		111	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	2	Bottle	4,440.00	8,880.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Manganese				
		112	ICP Standard NIST Traceable with Certificate	,	Datala	4 440 00	0.000.00
		112	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	2	Bottle	4,440.00	8,880.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Molybdenum				
		113	ICP Standard NIST Traceable with Certificate	1	Bottle	4,440.00	4,440.00
		113	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	1	Боше	4,440.00	4,440.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Nickel				
		114	ICP Standard NIST Traceable with Certificate	2	Bottle	4,440.00	8,880.00
		114	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal		bottle	4,440.00	8,880.00
			concentration), atleast 100 mL	 			
			ICP-OES Standard - Potassium				
		115	ICP Standard NIST Traceable with Certificate	2	Bottle	4,440.00	8,880.00
		113	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal	-	Dottie	4,440.00	0,000.00
			concentration), atleast 100 mL				
			ICP-OES Standard - Sodium				
		116	ICP Standard NIST Traceable with Certificate	2	Bottle	4,440.00	8,880.00
		110	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal		Dottie	7,440.00	0,000.00
			concentration), atleast 100 mL	 			
			ICP-OES Standard - Strontium				
		117	ICP Standard NIST Traceable with Certificate	1	Bottle	4,440.00	4,440.00
		'''	of Analysis, 1 g/L As in ≤ 2% HNO3 (nominal		Dottie	7,440.00	4,440.00
			concentration), atleast 100 mL	1			
			ICP-OES Standard - Zinc	1			
		118	ICP Standard NIST Traceable with Certificate	2	Bottle	4,440.00	8,880.00
		110	of Analysis, 1 g/L As in nitric acid (nominal		שטננוכ	7,770.00	0,000.00
			concentration), atleast 100 mL				

PR Number	End User	item no.	Item	Quant ity	Unit	МООЕ	Total Cost
		119	Aspartic Acid Standard for NC Analysis 10g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	11,000.00	33,000.00
		120	Sulfanilamide Standard for NC Analysis 1-2g per bottle, NIST Traceable with Certificate of Analysis	3	Bottle	4,440.00	13,320.00
		121	Set of 7 Soil Standards for Combustion Analysis NIST Traceable with Certificate of Analysis 30 g per Bottle (7 Bottles Total) Soil Parameters: Total Nitrogen (Combustion Method) Total Carbon (Combustion Method) Total Organic Carbon (Combustion Method)	2	Bottle	24,000.00	48,000.00
		122	Ethylenediaminetetraacetic acid (EDTA), AR, 500g/bottle	2	Bottle	8,400.00	16,800.00
		123	Ammonium Fluoride , AR grade, 98% 500 g/bottle	1	Bottle	9,600.00	9,600.00
		124	Vanadium Pentoxide, 1g, 90-99.9% Purity	5	Bottle	3,000.00	15,000.00
			RST				0.00
		125	Bromocresol green, AR, 5g/bottle	5	Bottle	7,200.00	36,000.00
		126	Chlorophenol Red Indicator, AR, 5g/bottle	5	Bottle	7,380.00	36,900.00
		127	Bromothymol Blue Indicator, AR, 5g/bottle	5	Bottle	5,670.00	28,350.00
		128	Ammonium Fluoride, AR grade, 500g/bottle	4	Bottle	10,800.00	43,200.00
		129	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	10	Bottle	10,800.00	108,000.00
		130	Boric Acid, AR, 500g/bottle, AR, 500g/bottle	10	Bottle	3,960.00	39,600.00
		131	Sodium Nitrite, Extrapure, AR, 500g/bottle	30	Bottle	3,600.00	108,000.00
		132	Sodium Cobaltinitrite, AR, 100g/bottle	10	Bottle	14,400.00	144,000.00
		133	Ethanol, AR ≥ 95% 2.5 L/bottle	50	Bottle	6,300.00	315,000.00
		134	Ascorbic acid, AR ≥ 99%, 100g/bottle	10	Bottle	9,480.00	94,800.00
		135	Potassium Antimony Tartate, AR ≥ 99%, 100g/bottle	10	Bottle	11,700.00	117,000.00
						Subtotal	5,398,570.00
2025-00-0058	SWRR D						
		136	Ammonium Floride AR grade, 50g/bottle	1	bottle	6,500.00	6,500.00
		137	Sodium Bicarbonate, AR, 500g/bottle	5	bottle	2,500.00	12,500.00
		138	Ascorbic Acid, 100g/bottle, AR	1	bottle	4,000.00	4,000.00
		139	Orthophosphoric Acid (Analytical/Lab Grade; Liquid; Odorless; Completely Miscible; 1.685 g/cm3 density; >99% Purity), 500ml/bottle	1	bottle	6,000.00	6,000.00
		140	Ammonium Molybdate Tetrahydrate, AR, 500g, bottle	1	bottle	4,000.00	4,000.00
		141	Diphenlyamine ACS Reagent/AR 100g	1	bottle	5,000.00	5,000.00
		142	antimony potassium tartarate AR, 100g/bottle	1	bottle	3,000.00	3,000.00
		143	Calcium Chloride Dihydrate, ACS, 500g/bottle	1	bottle	4,000.00	4,000.00
		144	Cesium Chloride, 99.9 % 25 grams	1	bottle	9,000.00	9,000.00
		145	Tris(hydroxymethyl)aminomethane (THAM), NIST Traceable with Certificate of Analyis, ≥99% Powder, 100g/bottle	1	bottle	110,000.00	110,000.00

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
		146	pH Buffer Solution (NIST Traceable pH Buffer Solution with COA -pH 4.00 (colored buffer solution): 1L)	2	bottle	3,000.00	6,000.00
		147	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 7.00 (colored buffer solution): 1L)	2	bottle	3,000.00	6,000.00
		148	pH Buffer Solution(NIST Traceable pH Buffer Solution with COA -pH 10.00 (colored buffer solution): 1L)	2	bottle	3,000.00	6,000.00
		149	Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		150	Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		151	Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		152	Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		153	Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		154	Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		155	Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		156	Copper Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	6,000.00	6,000.00
		157	Nickel Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	10,000.00	10,000.00
		158	Lead Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle, 1000ppm	1	bottle	10,000.00	10,000.00
	ı				Ī	Subtotal	250,000.00
2025-00-0058	SWRR	159	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm	1	bottle	6,000.00	6,000.00
		160	Cadmium Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis, 1000ppm	1	bottle	10,000.00	10,000.00
		l				Subtotal	16,000.00
			Triethanol amine, AR, 1 L/Bottle				
2025-00-0058	SWRR D	161	methanol amilie, Ar, 1 L/bottle	1	Bottle	15,000.00	15,000.00
		162	Ethanol AR ≥ 99% 2.5 L/bottle	2	Bottle	4,000.00	8,000.00
		163	Ferrous Sulfate Heptahydrate, ACS reagent, ≥99%, 250g/bottle	3	Bottle	5,500.00	16,500.00
						Subtotal	39,500.00
2025-01-0180	LSD		Soil Chemistry				
		164	Barium Chloride dihydrate, AR, 500g/bottle	20	Bottle	3,500.00	70,000.00
		165	Ethanol, AR Grade, purity ≥ 95% 4L/bottle	60	Bottle	3,200.00	192,000.00
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PR Number	End User	item no.	Item	Quant ity	Unit	МООЕ	Total Cost
		166	Sodium Hydroxide, >=98%, pellets(anhydrous), 500 g/ bottle	10	Bottle	7,600.00	76,000.00
		167	pH Buffer 2.00, 1L/btl, NIST Traceable, with COA	3	Bottle	6,960.00	20,880.00
		168	L-lysine Monohydrochloride, with Certificate of Analyis AR/NIST Traceable , 100g/bottle	2	Bottle	6,000.00	12,000.00
		169	Copper sulfate pentahydrate, AR, 500g/bottle	2	Bottle	2,500.00	5,000.00
		170	Potassium Sulfate AR, >99%, 500g/bottle	3	Bottle	3,200.00	9,600.00
		171	Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis	2	Bottle	6,000.00	12,000.00
		172	Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle	4	Bottle	10,000.00	40,000.00
		173	Ascorbic Acid, 100g/bottle, AR	10	Bottle	3,500.00	35,000.00
			Soil Salinity				
		174	Magnesium Chloride hexahydrate, AR, 500g/bottle	2	Bottle	9,000.00	18,000.00
		175	Potassium nitrate, AR, 500 g/bottle	2	Bottle	2,500.00	5,000.00
		176	Sodium Sulfate, ACS, 99%, anhydrous, granular, 500 g/bottle	2	Bottle	7,000.00	14,000.00
		177	Sodium acetate, 99%, 1 kg/bottle	2	Bottle	6,000.00	12,000.00
		178	Gum acacia, AR, 500 g/bottle	2	Bottle	2,500.00	5,000.00
		179	Barium chloride dihydrate, 500 g/bottle	2	Bottle	8,160.00	16,320.00
		180	Acetic acid, AR grade,99%, 1 L, with SDS	2	Bottle	11,000.00	22,000.00
		181	Sodium Carbonate, AR, 500g/btl, with SDS	2	Bottle	2,500.00	5,000.00
		182	1000 ppm Chloride Standard, 500 mL/bottle, with Certificate of Analysis	2	Bottle	4,000.00	8,000.00
		183	1000 ppm Sulfate Standard, 500 mL/ bottle with Certificate of Analysis	2	Bottle	5,500.00	11,000.00
		184	Cesium Chloride, AR, 100 g with SDS	2	Bottle	15,000.00	30,000.00
		185	Perchloric acid, 70% solution in water with SDS	2	Bottle	13,000.00	26,000.00
			Water Chemistry Section				
		186	Barium Chloride dihydrate, AR, 500g/bottle with COA	10	Bottle	3,500.00	35,000.00
-		187	Sodium Carbonate-Sodium Hydroxide 20x (Supelco, 150 mM : 15 mM) mixture, 1 L/bottle	10	Bottle	14,400.00	144,000.00
			Soil Microbiology				
		188	Rose Bengal Chloramphenicol Agar (RBC)	2	Bottle	19,200.00	38,400.00
		189	Pikovskaya's Agar, 500g/bottle	2	Bottle	15,000.00	30,000.00
		190	Yeast Mannitol Agar w/ 1.5% Agar 500G / bottle	2	Bottle	12,450.00	24,900.00
		191	Ethanol 95% Technical Grade, 1 carboy	2	Drum	11,500.00	23,000.00
		192	Plate Count Agar, 500g/bottle, pellets, pH 6.8 - 7.2	2	Bottle	14,000.00	28,000.00
		193	Ethyl Alcohol 70% Spray 350mL	10	Bottle	120.00	1,200.00
	L	194	Aleksandrow Agar 500g.	2	Bottle	8,200.00	16,400.00
						Subtotal	985,700.00
2025-01-0181	LSD		Provision of Chemical and Filtering Supplies-Laboratory Supplies				
			NSHP				
			BARMM				

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
		195	Acetic Acid, 2.5 L/bottle	2	bottle	4,000.00	8,000.00
		196	Ammonium Acetate, AR, 500 g/bottle	2	bottle	2,500.00	5,000.00
		197	Ammonium fluoride, NH4F, 500 g/bot	2	bottle	13,500.00	27,000.00
		198	Ammonium Molybdate, AR, 500 g/bot	2	bottle	13,500.00	27,000.00
		199	Ammonium Sulfate, AR, 500 g/bottle	2	bottle	5,400.00	10,800.00
		200	Amyl Alcohol, AR, 500 mL/bottle	2	bottle	8,500.00	17,000.00
		201	Ascorbic Acid, AR, 100g/bottle	2	bottle	5,800.00	11,600.00
		202	Boric Acid, AR, 500 g/bottle	2	bottle	3,500.00	7,000.00
		203	Bromocresol Green, AR, 5 g/bottle	1	bottle	6,000.00	6,000.00
		204	Bromthymol Blue, AR, 5 g/bottle	1	bottle	6,000.00	6,000.00
		205	Calcium Chloride, 1000 g/bottle, AR	2	bottle	5,500.00	11,000.00
		206	Calcium Chloride, AR, 1000 g/bottle	2	bottle	5,500.00	11,000.00
		207	Charcoal; AR, Phosphate Free, 2kg/bottle	2	bottle	21,500.00	43,000.00
		208	Chlorophenol Red, AR, 5 g/bottle	2	bottle	6,000.00	12,000.00
		209	Compost Certified Reference Material (AgroMAT CP-1), 100g/bottle	3	bottle	35,000.00	105,000.00
		210	Copper Sulfate, AR, 500 g/bottle	5	bottle	3,500.00	17,500.00
		211	Diethylenetriaminepentacetic acid (DTPA), AR, 100 g/bottle	2	bottle	7,500.00	15,000.00
		212	EC Standard: 147 and 1413 uS/cm at 25oC, NIST, 500 mL	2	bottle	18,500.00	37,000.00
		213	Ethanol, AR, 2.5 L/bottle	5	bottle	4,500.00	22,500.00
		214	Kjeltabs, Cu, AR, 1000 pcs/bottle	2	bottle	56,050.00	112,100.00
		215	Lanthanum Oxide, AR, 100 g/bottle	8	bottle	8,500.00	68,000.00
		216	Lysine, AR, 100 g/bottle	2	bottle	5,500.00	11,000.00
		217	Methanol, AR, 2.5 L/bottle	2	bottle	3,500.00	7,000.00
		218	NIST Traceable standard buffer solutions of pH 10		bottle	5,000.00	15,000.00
			NIST Traceable standard buffer solutions of pH			ļ	,
		219	4	3	bottle	5,000.00	15,000.00
		220	NIST Traceable standard buffer solutions of pH 7	3	bottle	5,000.00	15,000.00
		221	Nitric Acid, AR, 2.5 L/bottle	5	bottle	8,500.00	42,500.00
		222	Phosphorus Standard, NIST, 1000 mg/L, 250 mL/bottle, no formaldehyde content		ho++lo	10 500 00	42,000,00
		222	Potassium Antimony Tartrate, AR, 100 g/bottle	2	bottle bottle	10,500.00 4,500.00	42,000.00 9,000.00
		224	Potassium Chloride, AR, 1000 g/bottle	4	bottle	5,000.00	20,000.00
		225	Potassium Dichromate, 1kg/bottle	3	bottle	15,000.00	45,000.00
		226	Potassium Dihydrogen Phosphate (KH2PO4), AR, 500 g/bottle	2	bottle	3,500.00	7,000.00
		227	Potassium Standard, NIST, 1000 mg/L, 250 mL/bottle	4	bottle	10,500.00	42,000.00
		228	Potassium Sulfate, AR, 500 g/bottle	4	bottle	3,500.00	14,000.00
		229	Salicylic Acid, AR, 500 g/bottle	2	bottle	3,500.00	7,000.00
		230	Silver Sulfate, Ag2SO4, AR, 500 g/bottle	2	bottle	19,500.00	39,000.00
		231	Sodium Bicarbonate, AR, 500 g/bottle	2	bottle	3,000.00	6,000.00
		232	Sodium Carbonate, AR, 500 g/bottle	2	bottle	3,500.00	7,000.00
		233	Sodium hexametaphosphate, AR, 500 g/bottle	2	bottle	3,500.00	7,000.00
		234	Sodium hexanitrocobaltate (III) (Na3CO(NO2)6), AR, 500 g/bottle	2	bottle	17,000.00	34,000.00
		235	Sodium Hydroxide Pellets, AR, 1000 g/bottle	4	bottle	5,000.00	20,000.00

PR Number	End User	item no.	Item	Quant ity	Unit	MOOE	Total Cost
		236	Sodium Nitrite, AR, 500 g/bottle	2	bottle	7,500.00	15,000.00
		237	Sodium Thiosolfate Pentahydrate, AR, 500g/bottle	2	bottle	3,500.00	7,000.00
		238	Soil Certified Reference Material (AgroMAT AG-1), 100g/bottle	5	bottle	35,000.00	175,000.00
		239	Sucrose, AR, 500 g/bottle	2	bottle	3,500.00	7,000.00
		240	Triethanolamine (TEA), AR, 2.5 L/bottle	2	bottle	9,500.00	19,000.00
		241	Tris(hydroxymethyl)aminomethane (THAM), NIST, 100g/bottle	1	bottle	110,000.00	110,000.00
			Place of Delivery:				
			Regional Soils Laboratory-BARMM, MAFAR Extension Building, Sinsuat Ave, Brgy. Rosary Heights XIII, Cotabato City				
						Subtotal	1,317,000.00
						GRAND TOTAL	8,006,770.00

LOT 2: SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES

R Number	End User		Item	Qty	Unit	MOOE	Total Cost
25-00-005	LSD	Item no.	Provision of Chemical and Filtering Supplies-Laboratory Supplies				
			NSHP				
			RST				
		1	Magnetic Stir Bar, PTFE, length 30 mm, diameter	20	pcs	336.00	6,720.00
			6mm (+/- 10%), cylindrical,				
		2	Magnetic Retriever Rod, PTFE, 450 mm x 10 mm	5	pcs	1,200.00	6,000.00
		3	Laboratory Gloves, Nitrile, 100's/box, Medium	20	boxes	600.00	12,000.00
		4	Laboratory spoon/spatula, Length 15.5 +/- 3 cm	10	pcs	270.00	2,700.00
		5	Disposable face mask, Non-woven disposable face	20	box	500.00	10,000.00
			mask, with ear loop and tie on, about 2-4ply 50's/box				,
		6	Test tube, 13mmx100mm, 100's/box	100	box	3,000.00	300,000.00
		7	Tin wire >99.99% purity, diameter: 0.5mm, 500	20	roll	8,400.00	168,000.00
			g/roll				
		8	Glass pipette, 2 mL, class AS with Calibration Certificate	6	рс	480.00	2,880.00
		9	Glass pipette, 5 mL, class AS with Calibration Certificate	6	рс	480.00	2,880.00
		10	Glass pipette, 10 mL, class AS with Calibration Certificate	6	рс	480.00	2,880.00
		11	Graduated cylinder, 100 mL, Made of Type 1	2	рс	960.00	1,920.00
			Borosilicate glass; Class A Graduation with				
			Calibration Certificate				
		12	Graduated cylinder, 50 mL, Made of Type 1	3	рс	300.00	900.00
			Borosilicate glass; Class A Graduation with				
			Calibration Certificate				
		13	Graduated cylinder, 25 mL, Made of Type 1	3	рс	912.00	2,736.00
			Borosilicate glass; Class A Graduation with				
		1.1	Calibration Certificate	2		22.040.00	06 130 00
		14	Bottle top dispenser, 10-100 mL, Laboratory Grade; Acid and Alkali Resistance; Double Valve (Safety	3	рс	32,040.00	96,120.00
			Valve) to avoid the waste of solution; Equipped with				
			multiple screw adapters, suitable for most reagent				
			bottles				
		15	Alcohol Burner Lamp Glas 6.2cmx4.2cm with	1000	рс	156.00	156,000.00
			plastic cap, 20 - 60 mL Capacity				
		16	Solution Bottles, Amber Bottle with shatter proof	10	рс	240.00	2,400.00
			plastic coating, 1000 mL (e.g. PVC and/ or bubble				
			wrap).				
		17	Mobile Phase Filter Degasser Assembly, Glass,	2	Set	36,000.00	72,000.00
			300ml Reservoir, 1L Flask, Complete				
		18	0.45 μm membrane type filter, 100/pack	2	pack	4,200.00	8,400.00
		19	2 L polyethylene tubes/borosilicate glass amber bottle	10	рс	480.00	4,800.00
		20	Solution bottles, opaque, squeezable, 30 ml, screw	1000	рс	27.00	270,000.00
			cap with printed label	0			
			Text: CPR;Font Color: Black; Background color: Red				
		21	Solution bottles, opaque, squeezable, 30 ml, screw	1000	рс	27.00	270,000.00
			cap with printed label	0			
			Text: BTB; Font Color: Black; Background color:				
			Dark Green				1
		22	Solution bottles, opaque, squeezable, 30 ml, screw	1000	pc	27.00	270,000.00

PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
	Osci		Text: BCG; Font Color: Black; Background color:				
		23	Violet Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label	1000	рс	27.00	270,000.00
		24	Text: N; Font Colotr: Black; Background color: Red Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: P- B; Font Color: Black; Background color:	2500 0	рс	27.00	675,000.00
		25	Light Blue Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label No background color	1000	рс	30.00	300,000.00
		26	Text: DISTILLED WATER; Font color: Black Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label Background color: Orange	2500 0	рс	30.00	750,000.00
		27	Text: K; Font color: Black Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label Background color: Orange	2500 0	рс	30.00	750,000.00
		28	Text: K2; Font color: Black Solution bottles, opaque, squeezable, 60 ml, screw cap, with printed label Background color: Dark Blue Text: P1-O; Font color: Black	2500 0	рс	30.00	750,000.00
		29	Solution bottles, opaque, squeezable, 200 ml, screw cap, with printed label Background color: Dark Blue Text: P-O; Font color: Black	2500 0	рс	96.00	2,400,000.00
		30	Solution bottles, opaque, squeezable, 15 ml, screw capwith printed label Background color: Orange	1000	pc	27.00	270,000.00
		31	Text: K1; Font Color: Black; Solution bottles, opaque, squeezable, 15 ml, screw capwith printed label Background color: Light Blue Text: P1-B; Font Color: Black;	2500 0	pc	27.00	675,000.00
		32	Test tube, 13mmx100mm, 100's/box	200	box	3,000.00	600,000.00
		33	Tin wire >99.99% purity, diameter: 0.5mm, 500 g/roll	50	roll	8,400.00	420,000.00
			Water Test Kit				
		34	pH Strips, with color scale, graduations and accuracy, 1 pH unit, pH range: 1-10	300	pack	2,636.48	790,943.40
		35	Laboratory Gloves, Nitrile, 100's/box, Medium	10	box	600.00	6,000.00
		36	Test tube, borosilicate glass, 30mL cap with graduations., outer diameter: 20mm, length: 150mm, 100pcs/box	100	box	8,400.00	840,000.00
		37	Graduated plastic Pasteur pipette. Disposable, 3mL	25	pack	1,014.00	25,350.00
		38	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label background color:Maroon Text: IN1(al);Font Color:White;	2,500	рс	27.00	67,500.00
		39	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label Text: IN2(al);Font Color:White; background color:Maroon	2,500	рс	27.00	67,500.00
		40	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label	2,500	рс	27.00	67,500.00

PR Number	End		Item	Qty	Unit	MOOE	Total Cost
	User		Text: T(al);Font Color:White; background				
			color:Maroon				
		41	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	рс	27.00	67,500.00
			cap with printed label	_,555	, p	27.00	0.,500.00
			Text: IN1(cl); Font Color: White; background				
			color:Yellow				
		42	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	рс	27.00	67,500.00
			cap with printed label				
			Text: T(cl); Font Color:White; background				
			color:Yellow				
		43	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	рс	27.00	67,500.00
			cap, with printed label				
			No background color Text: DISTILLED WATER; Font color: Black				
		44	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	рс	27.00	67,500.00
			cap with printed label	2,300	pc	27.00	07,500.00
			Text: Nw; Font Color:White; background				
			color:Green				
		45	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	рс	27.00	67,500.00
			cap with printed label				
			Text: Pw; Font Color:White; background color:BLUE				
		46	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	рс	27.00	67,500.00
			cap with printed label				
			Text: AA; Font Color:White; background color:BLUE		_		
		47	PET Bottles, w/ lid, wide mouth, clear, 50 mL	80	pack	2,574.00	205,920.00
		40	capacity, 25pcs/pack, or equivalent	20	In	4.500.00	46,000,00
		48	Filter Paper, No. 1, ashless, 125mm, 100 circles/box, or equivalent	30	box	1,560.00	46,800.00
		49	Wash Bottle, 500 mL, opaque color	5	box	360.00	1,800.00
		50	Syringe PP/PE without needle, luer lock tip,	10	pack	5,880.00	58,800.00
			centered, capacity 10 mL, graduated, 0.5 mL,		раск	3,000.00	30,000.00
			non-sterile				
		51	Nylon Syringe Filters, 5 um, 25mm, Double Luer	50	pack	6,360.00	318,000.00
			Lock, PP Housing, Nonsterile, 100 per pack,				
			SPEC18120				
		52	Volumetric flask, class A with ST stopper 2L	5	pack	9,600.00	48,000.00
		53	155L Storage Box(Clear)	4	рс	1,054.80	4,219.20
		54	65L Storage Box(Clear)	2	рс	360.00	720.00
			Soil Chemistry				
		55	Lint-free wipes, 11.0 x 21.3 cm, 280 pieces, 1 ply,	10	box	450.00	4,500.00
			white, Material: Cellulose				
		56	Parafilm M, 4inch x 125FT/, Plastrip	10	box	3,000.00	30,000.00
		57	Glassware Liquid Cleaner, Liquid, alkaline and	5	рс	9,000.00	45,000.00
			phosphate-free concentrate				
			Volume: 5 Liters Sequestering agent content				
			(alkalimetric): 8.5-10% Density: 1.05-1.09				
			Free alkali (as NaOH): 1.5-2.5%				
			Phosphate: ≤ 0.002% Inclusions:Safety Data Sheet				
			(SDS), Certificate of Analysis (CoA)				
		58	Pipette Tips (universal fits all brands of pipettor,	5	pack	2,000.00	10,000.00
			2-20 μL				
			vol. cap., reusable; 1000pcs/pk)				
		59	Pipette Tips (universal fits all brands of pipettor, 1-5	5	pack	4,000.00	20,000.00
			mL				
			vol. cap., reusable; 1000pcs/set)				

PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
	OSCI	60	Pipette Tips (universal fits all brands of pipettor,	5	pack	4,500.00	22,500.00
			1-10 mL vol. cap., disposable; 1000pcs/pk)				
		61	Pipette Tip Rack (fits all 100-1000uL pipette tips, 1000pcs/pack	3	pack	3,500.00	10,500.00
		62	Tissue, Giant Roll Paper Tissue, 3ply, 225 x 214mm, 75pulls / 150sheets; 6 rolls/pack	20	pack	200.00	4,000.00
		63	Digestion Tube, Standard Straight Digestion Tube, 100-150ml	20	рс	4,000.00	80,000.00
		64	Digestion Tube, Standard Straight Digestion Tube,200-250ml	20	рс	4,000.00	80,000.00
		65	HDPE Carboy Square Bottle for waste storage, 5 Gal/20L capacity, white	20	рс	4,000.00	80,000.00
		66	Laboratory Gloves, Nitrile, 100's/box, Small	20	box	600.00	12,000.00
		67	Laboratory Gloves, Nitrile, 100's/box, Medium	20	box	600.00	12,000.00
		68	Laboratory Gloves, Nitrile, 100's/box, Large	20	box	600.00	12,000.00
		69	Polyethylene Terepthalate (PET) Bottles Capacity: 500 mL, Diameter 3.74 in; Height 3.81 in; Mouth Size: 3.62 in. opaque, color white.	300	рс	250.00	75,000.00
		70	Tin Containers for CNS Analysis (set of 1000)	12	set	7,560.00	90,720.00
		71	Pre-Packed Quartz Reactor for CNHS/NCS/S determination, 18mm	10	рс	21,000.00	210,000.00
			Microbiology				
		72	Durham fermentation tubes, <=50mm diameter, borosilicate glass Type 1 class A, 72pcs/pack	5	Bottle	3,082.80	15,413.98
		73	Polypropylene bags, 0.03 thickness, 6X12", 100 pcs per pack	10	Bottle	600.00	6,000.00
		74	Pipette tip rack, 10mL	5	Bottle	3,000.00	15,000.00
		75	Pipette tip rack, 5mL	5	Bottle	3,000.00	15,000.00
		76	Stirring rod, borosilicate glass material, length:300mm, diameter: 6mm, rounded ends	10	Bottle	540.00	5,400.00
		77	Laboratory Funnel, Borosilicate Glass Type 1, Funnel Dia: 90-100 mm, Stem Length at least 90 mm	20	Bottle	1,920.00	38,400.00
		78	Erlenmeyer flask, 50ml, Made of Type 1 Borosilicate glass with No. 2 rubber stopper	20	Bottle	720.00	14,400.00
		79	Volumetric flask, 100ml, Made of Type 1 Borosilicate glass with fitted stopper; Class A Graduation with Calibration Certificate	5	Bottle	3,600.00	18,000.00
		80	Volumetric flask, 50ml, Made of Type 1 Borosilicate glass with fitted stopper; Class A Graduation with Calibration Certificate	5	Bottle	3,240.00	16,200.00
		81	Volumetric flask, 250ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate	5	Bottle	4,440.00	22,200.00
		82	Screw-cap test tube with fitted rubber-lined cap, borosilicate glass, type 1, Class A, 125-mm dia	50	Bottle	120.00	6,000.00
		83	Jar with lid, clear glass, 1.8L	60	Bottle	300.00	18,000.00
		84	Beaker, 50mL, glass	60	Bottle	360.00	21,600.00
			Soil Physics				
		85	Laboratory Tray (Dim: 46 x 14 x 2; easy cleaning; Uniform	15	рс	360.00	5,400.00
			3/16" heavy wall construction for added rigidity; Standard color natural black or white)				
		86	Soil Hydrometer, For soil, with code ASTM H152, with Certificate of Compliance and Traceability	10	рс	6,000.00	60,000.00

887 Multi-Purpose Plastic Tray, size: 39*30*7cm, 15 pc 60.00 900.00	PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
8.8 Graduated cylinder, 1000 mt, Made of Type 1 30 pc 4,500.00 135,000.			87	Multi-Purpose Plastic Tray, size: 39*30*7cm ,	15	рс	60.00	900.00
Calibration Certificate			88	Graduated cylinder, 1000 mL, Made of Type 1	30		4,500.00	135,000.00
90 Desiccant, Blue Indicating Molecular Sleve, reusable, mesh size:8x12mm, 2.2 kg/can 91 Magnetic Stri Bar (Ram x 28mm), PTEF Material 5 pc				_				
reusable, mesh size:8x12mm, 2.2 kg/can 91 Magnetic Stir Bar (Rimm x 28mm), PTFE Material 5 pc 1,800.00 9,000.00 9,000.00 9,000.00 9,000.00 9,000.00 9,000.00 9,000.00 9,000.00 9,000.00 4,320.00 Material 93 Weighing Boat, size: medium; pack of 500, feature:			89	Wash Bottle, 500 mL, opaque color	10	рс	480.00	4,800.00
91 Magnetic Str Bar (8mm x 28mm), PTFE Material 5 pc 1,800.00 9,000.00 92 Flexible Magnetic Str Bar Retriever (60 cm), PTFE 3 pc 1,440.00 4,320.00 93 Welghing Boat, size: medium: pack of 500, feature: 2 pack 7,200.00 14,400.00 Anti-Stafic, approx. Ensiry, W. 84mm; H. 24mm (Idimensions are +/-1 mm) 94 Weighing Boat; size: medium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-Stafic, approx. Engium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-Stafic, approx. Engium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-Stafic, approx. Engium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-Stafic, approx. Engium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-Stafic, approx. Engium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-Stafic, approx. Engium: pack of 500, feature: 3 pack 5,000.00 60,000.00 By Plunger, brass., max weight: 100g. 10 pc 6,000.00 60,000.00 Length: 24 inches perforated size, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00 Giant Comment of the stream of the stream outer diameter: 5.1cm, With a lid, Material: Aluminum 97 Perforated disc, For soil analysis, Inner 100 pc 3,000.00 300,000.00 Giant Engine Colorn Height: 2.3cm 100 pc 3,000.00 300,000.00 Giant Laboratory Burdles, French Square with Black 150 PC 360.00 54,000.00 Giass Laboratory Bottles, French Square with Black 3 pack 4,000.00 63,000.00 Phenolic Lined Caps, 15-12 mm, 24pcs/pack 10 pack 6,000.00 12,000.00 Giass Laboratory Bottles, French Square with Black 10 pack 6,000.00 12,000.00 Giass Laboratory Spoot staffiness steel Dual-purpose leb tool One end has a spatula blade ther end has a micro spoon 100			90	Desiccant, Blue Indicating Molecular Sieve,	5	can	6,000.00	30,000.00
92 Flexible Magnetic Stir Bar Retriever (60 cm), PTFE 3 pc 1,440.00 4,320.00 Material 93 Weighing Boat, size: medium: pack of 500, feature: 2 pack 7,200.00 14,400.00 Anti-static, approxi: EShmi, W: 84mm; H: 24mm (dimensions are 4/-1 mm) 94 Weighing Boat, size: medium: pack of 500, feature: Anti-static, approxi: 46mm; W: 84mm; H: 24mm (dimensions are 4/-2 mm) 95 Plunger, Drass, max weight:100g, 10 pc 6,000.00 60,000.00 Length: 24 inches perforated sheet dimensions are 4/-2 mm) 95 Plunger, Drass, max weight:100g, 10 pc 6,000.00 60,000.00 length: 24 inches perforated sheet dimensions are 4/-2 mm) 96 Molsture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00 10 10 10 10 10 10 1				reusable, mesh size:8x12mm, 2.2 kg/can				
Material 93 Weighing Boat, size: medium; pack of 500, feature: 2 pack 7,200.00 14,400.00			91	Magnetic Stir Bar (8mm x 28mm), PTFE Material	5	рс	1,800.00	9,000.00
Anti-static, approx: L: 85mm; W: 84mm; H: 24mm (dimensions are 4/-1 mm) 94 Weighing Boat, size: medium: pack of 500, feature: 3 pack 5,000.00 15,000.00 Anti-static, approx: 46mm; W: 46mm; H: 8mm (dimensions are 4/-2 mm) 95 Plunger, brass, max weight: 100g, 10 pc 6,000.00 60,000.00 Ength: 24 inches perforated sheet diameter: 5cm hole diameter: 5mm MATERIAL: BRASS 96 Moisture disc, small, for soil analysis, Height: 2.1 pc 360.00 54,000.00 cm Inner Diameter: 5.1cm, With a lid, Material: Aluminum 97 Perforated disc, for soil analysis, Inner diameter: 4.8cm Holes diameter: 0.2cm Height: 2.3cm pottom: 1.2 arm bottom:			92		3	рс	1,440.00	4,320.00
94 Weighing Boat, size: medium; pack of 500, feature: Anti-static, approx.: 46mm; W: 46mm; H: 8mm (dimensions are 4, 2 mm) 95 Plunger, brass, max weight:100g, Length: 24 inches perforated sheet diameter: 5cm hole diameter: 5cm hole diameter: 5cm hole diameter: 5cm hole diameter: 5mm MATERIAL: 8RASS 96 Moisture disc, small, for soil analysis, Height: 2.1 cm inner Diameter: 5.1cm, With a lid, Material: Aluminum 97 Perforated disc, For soil analysis, Inner diameter: 4.9cm 100 pc 3,000.00 300,000.00			93	Anti-static, approx: L: 85mm; W: 84mm; H: 24mm	2	pack	7,200.00	14,400.00
95 Plunger, brass, max weight:100g, Length: 24 inches perforated sheet diameter: 5cm hole diameter: 5cm hole diameter: 5mm MATERIAL: BRASS 96 Moisture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00			94	Anti-static, approx: 46mm; W: 46mm; H: 8mm	3	pack	5,000.00	15,000.00
Length: 24 inches perforated sheet diameter: 5cm hole diameter: 5mm MATERIAL: BRASS 96 Moisture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00 mm MATERIAL: BRASS 97 Moisture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00 mm MATERIAL: Aluminum outer diameter: 5.1cm, With a lid, Material: Aluminum outer diameter: 5.1cm Sieve Diameter: 4.8cm Holes diameter: 5.1cm Sieve Diameter: 4.8cm Holes diameter: 5.1cm Height: 2.3cm top: 2.3cm bottom: 1cm material: brass 98 Moisture Dish, Height: 3.5cm, Inner Diameter: 150 PC 360.00 54,000.00 6.5cm, With a lid, Material: Aluminum, Flat-bottom, straight-side seamless, with tight fitting cover 99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 2pacs/pack Water Chemistry 110 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack Water Chemistry 110 Soom IPP Wide Neck Storage Bottle, 10/pack 10 pack 6,000.00 60,000.00 12,000.00 10 pe den has a spatula blade ther end has a micro spoon 104 2000 ml Beaker, borosilicate, type 1, 4 pcs/pack 10 pack 15,000.00 12,000.00 mt 10 peter Tips (universal fits all brands of pipettor, 1-5 Set 4,800.00 24,000.00 1-10 ml vol. cap., reusable; 1000pcs/psk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 10-100-150ml 108 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 10-100-200.00 100-150ml			0.5		40		6,000,00	60,000,00
perforated sheet diameter: Scm hole diameter: Scm hole diameter: Smm MATERIAL: BRASS 96 Moisture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00 10 10 10 10 10 10 10			95		10	рс	6,000.00	60,000.00
hole diameter: 5mm MATERIAL: BRASS 96 Moisture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00 cm Inner Diameter: 5.1cm, With a lid, Material: Aluminum 97 Perforated disc, For soil analysis, Inner 100 pc 3,000.00 300,000.00								
96 Moisture disc, small, for soil analysis, Height: 2.1 150 pc 360.00 54,000.00				·				
Cm				MATERIAL: BRASS				
Inner Diameter: 5.1cm, With a lid, Material: Aluminum			96		150	рс	360.00	54,000.00
Aluminum 97 Perforated disc, For soil analysis, Inner 100 pc 3,000.00 300,000.00								
diameter:4.9cm								
diameter:4.9cm			97	Perforated disc, For soil analysis, Inner	100	рс	3,000.00	300,000.00
Holes diameter: 0.2cm Height: 2.3cm top: 2.3cm bottom: 1cm material: brass 98 Moisture Dish, Height: 3.5cm, Inner Diameter: 6.5cm, With a lid, Material: Aluminum, Flat-bottom, straight-side seamless, with tight fitting cover 99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack 102 Sooml PP Wide Neck Storage Bottle, 10/pack 10 pack 6,000.00 18,000.00 100				·		-		
top: 2.3cm bottom: 1cm material: brass 98				outer diameter: 5.1cm Sieve Diameter: 4.8cm				
98 Moisture Dish, Height: 3.5cm, Inner Diameter: 6.5cm, With a lid, Material: Aluminum, Flat-bottom, straight-side seamless, with tight fitting cover 99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 102 S00ml PP Wide Neck Storage Bottle, 10/pack 10 pack 6,000.00 12,000.00 100				Holes diameter: 0.2cm Height: 2.3cm				
6.5cm, With a lid, Material: Aluminum, Flat-bottom, straight-side seamless, with tight fitting cover 99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack Water Chemistry 102 500ml PP Wide Neck Storage Bottle, 10/pack 103 Laboratory Spoon stainless steel Dual-purpose lab tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 mL vol. cap., reusable; 1000pcs/set) 106 Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 108 Digestion Tube, Standard Straight Digestion Tube, 200-250ml				top: 2.3cm bottom: 1cm material: brass				
Flat-bottom, straight-side seamless, with tight fitting cover 99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack 102 Sooml PP Wide Neck Storage Bottle, 10/pack 102 Sooml PP Wide Neck Storage Bottle, 10/pack 100 pack 6,000.00 60,000.00 12,000.00 103 Laboratory Spoon stainless steel Dual-purpose lab tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 Set 4,800.00 24,000.00 1-10 mL vol. cap., reusable; 1000pcs/set) 106 Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 100-250ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 100-250ml			98	_	150	PC	360.00	54,000.00
fitting cover 99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack 102 S00ml PP Wide Neck Storage Bottle, 10/pack 10 pack 6,000.00 60,000.00 103 Laboratory Spoon stainless steel Dual-purpose lab tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 Set 4,800.00 24,000.00 1-10 mL vol. cap., reusable; 1000pcs/set 100 pc 1,200.00 27,000.00 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 100-250ml				· · · · · · · · · · · · · · · · · · ·				
99 Shaking bottle, Capacity: 250 ml, Opaque wide mouth with screw cap, Polypropylene 350 pc 180.00 63,000.00								
mouth with screw cap, Polypropylene 100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 2				-				
100 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 230-250ml, 24pcs/pack 3 pack 4,000.00 12,000.00			99		350	рс	180.00	63,000.00
Phenolic Lined Caps, 230-250ml, 24pcs/pack 101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack 24pcs/pac			100		2	o a alı	4 000 00	12,000,00
101 Glass Laboratory Bottles, French Square with Black Phenolic Lined Caps, 115-120 ml, 24pcs/pack Water Chemistry 102 500ml PP Wide Neck Storage Bottle, 10/pack 10 pack 6,000.00 60,000.00 103 Laboratory Spoon stainless steel Dual-purpose lab tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 4,800.00 24,000.00 100 Laboratory Spoon 106 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 5,400.00 27,000.00 1-10 mL vol. cap., reusable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 100 pc 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 100-250ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 100-250ml			100	·	3	раск	4,000.00	12,000.00
Water Chemistry			101	Glass Laboratory Bottles, French Square with Black	6	pack	3,000.00	18,000.00
102 500ml PP Wide Neck Storage Bottle, 10/pack 10 pack 6,000.00 60,000.00 103 Laboratory Spoon stainless steel Dual-purpose lab tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 4,800.00 24,000.00 106 Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., reusable; 1000pcs/psk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 107 Tube, 200-250ml								
103 Laboratory Spoon stainless steel Dual-purpose lab tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 4,800.00 24,000.00 100 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 5,400.00 27,000.00 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 Tube,200-250ml				•				
tool One end has a spatula blade ther end has a micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 4,800.00 24,000.00 mL vol. cap., reusable; 1000pcs/set) 106 Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 Tube,200-250ml			102	- '	10	pack	6,000.00	60,000.00
micro spoon 104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 15,000.00 15,000.00 105 Pipette Tips (universal fits all brands of pipettor, 1-5 5 Set 4,800.00 24,000.00 24,000.00 100 cap., reusable; 1000pcs/set) 5 Set 5,400.00 27,000.00 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 Tube,200-250ml			103		10	рс	1,200.00	12,000.00
104 2000 mL Beaker, borosilicate, type 1, 4 pcs/pack 1 pack 15,000.00 15,000.00 105				•				
105 Pipette Tips (universal fits all brands of pipettor, 1-5 Set 4,800.00 24,000.00				-	_			1
mL vol. cap., reusable; 1000pcs/set) 106 Pipette Tips (universal fits all brands of pipettor, 1-10 mL 5 Set 5,400.00 27,000.00 1-10 mL vol. cap., disposable; 1000pcs/pk) 20 pc 4,000.00 80,000.00 107 Digestion Tube, Standard Straight Digestion Tube, 100-150ml 20 pc 4,000.00 80,000.00 108 Digestion Tube, Standard Straight Digestion Tube, 100-250ml 20 pc 4,000.00 80,000.00				· · · · · · · · · · · · · · · · · · ·		· ·		+
106 Pipette Tips (universal fits all brands of pipettor, 1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 100-150ml 20 pc 4,000.00 80,000.00 Tube,200-250ml			105		5	Set	4,800.00	24,000.00
1-10 mL vol. cap., disposable; 1000pcs/pk) 107 Digestion Tube, Standard Straight Digestion Tube, 100-150ml 108 Digestion Tube, Standard Straight Digestion Tube,200-250ml 20 pc 4,000.00 80,000.00 Tube,200-250ml								
vol. cap., disposable; 1000pcs/pk) 20 pc 4,000.00 80,000.00 107 Digestion Tube, Standard Straight Digestion Tube, 100-150ml 20 pc 4,000.00 80,000.00 108 Digestion Tube, Standard Straight Digestion Tube, 200-250ml 20 pc 4,000.00 80,000.00			106		5	Set	5,400.00	27,000.00
107 Digestion Tube, Standard Straight Digestion Tube, 20 pc 4,000.00 80,000.00 100-150ml 108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 Tube,200-250ml								
100-150ml								60.000
108 Digestion Tube, Standard Straight Digestion 20 pc 4,000.00 80,000.00 Tube,200-250ml			107		20	рс	4,000.00	80,000.00
Tube,200-250ml			400		20		4 000 00	00,000,00
109 Magnetic Stir Bar (8mm x 40mm) 10 pc 600.00 6,000.00			108		20	рс	4,000.00	80,000.00
			109	Magnetic Stir Bar (8mm x 40mm)	10	рс	600.00	6,000.00

PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
	000.	110	Magnetic Stir Bar (8mm x 20mm)	10	рс	540.00	5,400.00
		111	PTFE (polytethaflouroethylene)	2	рс	1,800.00	3,600.00
			size:250 MM				
			MAGNETIC STIR BAR RETRIEVER				
		112	Stirring Rod, 250 mm	10	рс	1,800.00	18,000.00
		113	Test Tube Brush	20	рс	96.00	1,920.00
			Small				
		111	Nylon bristle, galvanized wires, with tied tip Test Tube Brush	20	20	120.00	2 400 00
		114	medium	20	рс	120.00	2,400.00
			Nylon bristle, galvanized wires, with tied tip				
		115	Test Tube Brush	20	рс	144.00	2,880.00
			Big			2166	2,000.00
			Nylon bristle, galvanized wires, with tied tip				
		116	Laboratory spoon/spatula	10	рс	300.00	3,000.00
		117	Weighing boat, 500pcs/box	2	рс	2,100.00	4,200.00
		118	Graduated Cylinder, 1000ml, Made of Type 1	10	рс	4,800.00	48,000.00
			Borosilicate glass; Class A Graduation				
			with certification				
		119	Graduated Cylinder, 500ml, Made of Type 1	10	рс	2,400.00	24,000.00
			Borosilicate glass; Class A Graduation				
			with certification				
		120	Rubber Aspirator	5	рс	300.00	1,500.00
		121	Beaker, 4000 mL, plastic	10	рс	1,200.00	12,000.00
		122	Beaker, 1000 mL, plastic	10	рс	300.00	3,000.00
		123	Test Tube Rack for 30 mL test tubes, plastic	5	рс	720.00	3,600.00
		124	Brush for table, wooden, PET polyester sharp tip	2	рс	60.00	120.00
		125	Laboratory Tongs, Stainless Steel	10	рс	1,200.00	12,000.00
		126	silicone-rubber molded hand protector	10	рс	360.00	3,600.00
		127	Wash Bottle, 500 mL, opaque color	10	рс	480.00	4,800.00
		128	Volumetric flask, class A with stopper, 5L	5	рс	18,000.00	90,000.00
						Subtotal	14,881,062.58
2025-00-00	SWRR	129	Graduated Cylinder, 1000 mL, Borosilicate Glass	21	unit	3,500.00	73,500.00
58	D		class A				
		130	Scrubbing pad	10	pack	150.00	1,500.00
		404	Heay Duty Scrub Sponge 100mm x 70mm	10		550.00	
		131	Disposable gloves	10	box	550.00	5,500.00
		132	(Large) 100pcs/box color blue, Nitrile Disposable gloves	10	box	550.00	5,500.00
		132	(Medium) 100pcs/box color blue, Nitrile	10		330.00	3,300.00
		133	Face mask	9	box	250.00	2,250.00
			Non-woven disposable face mask, with ear loop				2,230.00
			and tie on				
			3-4 ply, 50pcs				
		134	Interfolded paper towel	15	pack	250.00	3,750.00
			175 pulls				
		135	Dishwashing liquid	5	Bottle	400.00	2,000.00
			790ml Water, Sodiun Lauryl Sulfate, C12-14-16				
			Dimenthly Amine Oxide, Sodium Chloride, PEI-14				
			PEG-10/PG-7 Copolymer, PPG-26, Phenoxyethanol,				
			Cyclohexanediamine, Methylisothiazolinone.				

PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
		136	Digital Timer Timing Capacity: 99 hours, 59 minutes, 59 seconds Timing Accuracy:0.01% accuracy Resolution: 1 second Dimensions: 2"x1-1/2"_x3/4" + 10% Additional Functions:Key chain/alarm Supplied With:key-chain, clip, magnet, opening for lanyard, battery, Traceable® Certificate	1	рс	3,000.00	3,000.00
		137	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 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 Resolution: 1 minute	1	рс	7,000.00	7,000.00
							104,000.00
2025-00-00 58	SWRR D	138	Alcohol, Ethyl 95% 20liters cap.	4	Carboy	3,500.00	14,000.00
		139	Interfolded paper towel 175 pulls	41	pack	250.00	10,250.00
		140	Dishwashing liquid 790ml Water, Sodiun Lauryl Sulfate, C12-14-16 Dimenthly Amine Oxide, Sodium Chloride, PEI-14 PEG-10/PG-7 Copolymer, PPG-26, Phenoxyethanol, Cyclohexanediamine, Methylisothiazolinone.	25	Bottle	400.00	10,000.00
		141	Scrubbing pad Heay Duty Scrub Sponge 100mm x 70mm	25	pack	150.00	3,750.00
		142	Disposable gloves (Large) 100pcs/box color blue, Nitrile	20	box	550.00	11,000.00
		143	Disposable gloves (Medium) 100pcs/box color blue, Nitrile	20	box	550.00	11,000.00
		144	Face mask Non-woven disposable face mask, with ear loop and tie on 3-4 ply, 50pcs	35	box	250.00	8,750.00
		145	Handspray plastic bottle 500ml cap. (heavy duty)	10	рс	100.00	1,000.00
		146	Disinfectant Concentrate spray Pine Scent 500ml	10	bottle	500.00	5,000.00
		147	Disinfectant Concentrate spray Disinfectant Spray Crsip Linen 170G	10	bottle	500.00	5,000.00
		148	Bleaching Solution Bacteria and disenfectant (gallon)	10		200	2,000.00
		149	Ziplock #11 (280 x 400 x 0.0400 mm) 100pcs/pack	20	pack	400	8,000.00
		150	Ziplock # 7 (140x200x0.04mm) 100pcs/pack	20	pack	300	6,000.00
		151	Handsoap Bar 130grams 99.9% of germs, antibac	12	pack	100	1,200.00
		152	Liquid Handsoap 450ml, anti-bacterial, pump	10	bottle	300	3,000.00
							99,950.00

PR Number	End		Item	Qty	Unit	MOOE	Total Cost
	User						
2025-00-00	SWRR	153	Bottle top dispenser, max capacity of 5mL,	1	рс	32,000.00	32,000.00
58	D		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				
		154	Bottle top dispenser, 20-25 mL, Laboratory Grade;	1	рс	32,000.00	32,000.00
		131	Acid and Alkali Resistance; Double Valve (Safety	_		32,000.00	32,000.00
			Valve) to avoid the waste of solution; Equipped with				
			multiple screw adapters, suitable for most reagent				
			bottles				
		155	Half Facepiece Reusable Respirator, Medium	10	рс	2,800.00	28,000.00
			Compatible to 3003/07047* organic vapor and acid				
			gas cartridge				
		156	Disposable gloves	10	box	550	5,500.00
		457	(Large) 100pcs/box color blue, Nitrile	10		550	5 500 00
		157	Disposable gloves (Medium) 100pcs/box color blue, Nitrile	10	box	550	5,500.00
		158	Face mask	10	box	250	2,500.00
		136	Non-woven disposable face mask, with ear loop	10	l box	230	2,300.00
			and tie on				
			3-4 ply, 50pcs				
		159	Interfolded paper tower	67	pack	250	16,750.00
			175 pulls				
		160	Lint-free wipes, 11.0 x 21.3 cm, 280 pieces, 1 ply,	5	box	450	2,250.00
			white, Material: Cellulose				
		161	HDPE Carboy Square Bottle for waste storage, 5	10	рс	2,000.00	20,000.00
			Gal/20L capacity, white				
		162	Filter Paper, No. 1, ashless, 125mm, 100	2	box	2,000.00	4,000.00
			circles/box, or equivalent				148,500.00
							140,300.00
2025-01-01	LSD		BARMM				
82		163	Leaching Tubes with glass stopcock , 100 mL	54	set	6,000.00	324,000.00
			capacity,			,	,
		164	Leaching Tube Rack, 6-hole	10	rack	6,000.00	60,000.00
		165	Safety Shoes, chemical resistant, black, with strap,	13	pair	8,500.00	110,500.00
			NIOSH approved				
		166	500 mL HDPE bottles with Cap	350	bot	350.00	122,500.00
		167	Nitrile Gloves	20	box	600.00	12,000.00
		168	Plastic Bag, 10"x18", 003 Thickness, 100	25	pack	200.00	5,000.00
			pieces/pack				
		169	N95 mask with ear loop	8	box	3,000.00	24,000.00
		170	Filter paper no. 42	4	box	3,500.00	14,000.00
		171	Parafilm	2	box	2,000.00	4,000.00
		172	Laboratory Cart	2	set	5,000.00	10,000.00
							0.00
			Place of Delivery:				
			Regional Soils Laboratory-BARMM				
							686,000.00
2025-01-01	LSD	173	Wash Bottle, 500 mL, opaque color	10	рс	480.00	4,800.00
88		174	Disinfecting Wipes, at least 80 wet wipes/can, 473g	10	рс	650.00	6,500.00
		175	Interfolded Paper Towel, 120pulls/pack	30	pack	70.00	2,100.00
		176	KN95 Face Protective mask 5-ply, white 50 pcs./box	10	box	1,500.00	15,000.00
		177	Face Mask Surgical 3-Ply, Disposable 50 pcs./box	30	box	250.00	7,500.00
		178	Laboratory Gloves, Nitrile, 100's/box, Small	10	box	600.00	6,000.00

PR Number	End User		ltem	Qty	Unit	MOOE	Total Cost
		179	Laboratory Gloves, Nitrile, 100's/box, Medium	10	box	600.00	6,000.00
		180	Laboratory Gloves, Nitrile, 100's/box, Large	10	box	600.00	6,000.00
		181	Pro White hair net for clean room 100 pcs. / box	10	box	650.00	6,500.00
		182	Pipette Tips (universal fits all brands of pipettor, 1-5 mL	2	pack	4,000.00	8,000.00
			vol. cap., reusable; 1000pcs/set)				
		183	Tissue, Giant Roll Paper Tissue, 3ply, 225 x 214mm, 75pulls / 150sheets; 6 rolls/pack	20	pack	200.00	4,000.00
		184	Inoculation loop, made of platinum/iridium or nickel/chromium, 3mm loop diameter, 10 pcs. / pack	2	pack	2,350.00	4,700.00
		185	Inoculating loop sterile disposable, approximately 10ul, 25 pcs / pack	10	pack	900.00	9,000.00
		186	Ziplock, resealable clear bag, size #7, dimension 5.5x7.5 in, 100pcs/pack	5	pack	180.00	900.00
		187	Waste Bin, 50 Liters, Black Bin, Blue Lid with pedal, no wheels	1	рс	1,750.00	1,750.00
		188	Waste Bin, 50 Liters, Black Bin, Green Lid with pedal, no wheels	1	рс	1,750.00	1,750.00
		189	Waste Bin, 50 Liters, Black Bin, Yellow Lid with pedal, no wheels	1	рс	1,750.00	1,750.00
		190	Magnetic Stirrer mixing stir bar Rod 80 mm (3.15") x 10 mm cylinder shape coating Magnet white for Laboratory 1pc	1	рс	600.00	600.00
		191	Magnetic Stir bar Retriever, 250 mm / 10 inch Steel core PTFE Chemical Resistant	2	рс	500.00	1,000.00
		192	Magnetic Stirrer mixing stir bar Rod 100 mm (4") x 10 mm with ring shape coating Magnet white for Laboratory	1	рс	700.00	700.00
		193	Silicone Oven Mitts Heat Resistant Oven Gloves with Non-Slip Waterproof Soft Lining Silicone Oven mitt 2PCS Black	3	pair	600.00	1,800.00
		194	Clear Plastic Sando Bag PE Plastic Bag Takeout Plastic Bag small (22 x 32 x 12 cm) 50pcs./Bundle	10	pack	150.00	1,500.00
		195	Clear Plastic Sando Bag PE Plastic Bag Takeout Plastic Bag Medium (24 x 42 x 14 cm) 50pcs./Bundle	10	pack	200.00	2,000.00
		196	Clear Plastic Sando Bag PE Plastic Bag Takeout Plastic Bag Large (32 x 56 x 20 cm) 50pcs./Bundle	10	pack	320.00	3,200.00
		197	Laboratory Tray Pan, rectangular, Stainless, 9"x13", can withstand heat of at least 150degC, scratch resistant, 2.5mm Thickness	4	pcs	400.00	1,600.00
		198	Zero Scratch Scrub Dishwashing Sponges 3pcs./pack	10	pack	190.00	1,900.00
		199	Bottle Brush Cleaner Set - Long Large Cleaing Brush for Narrow Neck Wine/Beer Bottles/ Flask/ Thermos/ Hummingbird Feeder/ Sport Well, Spout/Lid Brush, Straw Brush	3	Set	600.00	1,800.00
		200	Antibacterial Hand Soap 750ml	5	рс	250.00	1,250.00
ļ		201	All Purpose Cleaner 2.5 Gallon / Multi Purpose Disinfectant Cleaner	10	рс	290.00	2,900.00
ļ		202	Scrub suit, top and pants, unisex, coordinate with end-user re sizing	15	рс	1,500.00	22,500.00
ļ		203	Heat Sealing Machine 12 Inch Impulse Sealer Machine for Plastic Bags PE PP Bags	2	рс	3,500.00	7,000.00
ļ		204	Autoclavable plastic bags (5.5"x 7.5") 100 pcs./	5	pack	1,800.00	9,000.00
			<u> </u>				<u>!</u>

PR Number	End		Item	Qty	Unit	MOOE	Total Cost
	User	205	Glass Beaker with Handle, Beaker Mug with	4	nc	700.00	2,800.00
		203	Pouring Spout, Double Graduated, 500ml	4	рс	700.00	2,800.00
			(16.9oz/2.1cup)				
		206	Sterile Disposable Petri Plates Optically clear,	30	pack	250.00	7,500.00
			transparent, disposable petri plates, size: 90 mm		p or or or		
			diameter x 25 mm, 10pcs/pack				
		207	Cotton-Tipped Applicator Sticks	10	box	200.00	2,000.00
			(Fine natural non-treated with chemicals, 6"				
			wooden stem and 1/2" in diameter,100% pure				
			cotton tip)				
		208	400 mL Sterile Lab blender bag, transparent,	3	box	30,000.00	90,000.00
			preferably with easy pipette access, comes in at				
		200	least 500 pcs per box			25.000.00	50,000,00
		209	Bag rack stand, stainless steel or plastic rack stand	2	рс	25,000.00	50,000.00
			for at least 10 Lab blender bag				0.00
		210	RST/Water Test Kit	2 500		27.00	0.00
		210	Solution bottles, opaque, squeezable, 30 ml, screw cap with printed label background color:Maroon	2,500	pcs	27.00	67,500.00
			Text: IN1(al);Font Color:White;				
		211	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap with printed label	2,300	pes	27.00	07,500.00
			Text: IN2(al);Font Color:White; background				
			color:Maroon				
		212	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap with printed label				
			Text: T(al);Font Color:White; background				
			color:Maroon				
		213	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap with printed label				
			Text: IN1(cl); Font Color: White; background				
		24.4	color:Yellow	2.500		27.00	67.500.00
		214	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap with printed label Text: T(cl); Font Color:White; background				
			color:Yellow				
		215	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap, with printed label	-,===	p		,
			No background color				
			Text: DISTILLED WATER; Font color: Black				
		216	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap with printed label				
			Text: Nw; Font Color:White; background				
			color:Green				
		217	Solution bottles, opaque, squeezable, 30 ml, screw	2,500	pcs	27.00	67,500.00
			cap with printed label				
		218	Text: Pw; Font Color:White; background color:BLUE Solution bottles, opaque, squeezable, 30 ml, screw	2,500	ncc	27.00	67,500.00
		218	cap with printed label	2,300	pcs	27.00	07,500.00
			Text: AA; Font Color:White; background color:BLUE				
		219	65L Storage Box(Clear)	2	pcs	360.00	720.00
		220	Half-Mask respirator, Assigned Protection	30	pcs	3,000.00	90,000.00
			Factor:10, Compatible with Air System SA Series,		700	2,000.00	
			Recommended application: Ford Chemical Testing				
			(Small - Large)				
		221	Plastic scoop, 0.5 gram, 100pcs/pack	40	pcs	1,500.00	60,000.00
		222	1"x1" Clear Small Plastic Resealable Poly Zip Bags	5	packs	636.00	3,180.00
	L		Lock,	L			

PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
			Soil Chemistry				0.00
		223	Weighing Boat, size: medium; pack of 500, feature:	2	pack	6,000.00	12,000.00
			Anti-static, approx: L: 85mm; W: 84mm; H: 24mm			,	
İ		224	Weighing Boat, size: medium; pack of 500, feature:	2	pack	4,500.00	9,000.00
			Anti-static, approx: 46mm; W: 46mm; H: 8mm				
ĺ		225	Test Tube Brush	5	рс	80.00	400.00
			Small				
			Nylon bristle, galvanized wires, with tied tip				
		226	Test Tube Brush	5	рс	100.00	500.00
			medium				
			Nylon bristle, galvanized wires, with tied tip				
		227	Test Tube Brush	5	рс	120.00	600.00
			Big				
1			Nylon bristle, galvanized wires, with tied tip				2.2.2.2.2
		228	Graduated leaching tube	102	рс	8,000.00	816,000.00
		220	100 -mL Capacity with stopcock	47	D-	6,000,00	102 000 00
		229	6-placer Graduated leaching tube rack	17	Pc	6,000.00	102,000.00
		220	material: Wood	15	na al-	2 500 00	27 500 00
		230	Conical centrifuge tube, 50 mL 50 pcs/pack	15	pack	2,500.00	37,500.00
		231	Test tube rack, approx: L: 11 in., W: 4.25 in., H: 3.62	10	Рс	8,000.00	80,000.00
		231	in., diameter (inner): 30 mm	10	PC	8,000.00	80,000.00
		232	Graduated Glass beaker, 600 mL, Type 1	20	Рс	750.00	15,000.00
		232	Borosilicate	20		730.00	13,000.00
		233	Graduated Glass beaker, 250 mL, Type 1	30	рс	500.00	15,000.00
			Borosilicate				
		234	Graduated Glass beaker, 150 mL, Type 1	30	рс	400.00	12,000.00
			Borosilicate		·		,
		235	Graduated Glass beaker, 50 mL, Type 1 Borosilicate	10	рс	300.00	3,000.00
		236	Graduated Glass beaker, 10 mL, Type 1 Borosilicate	10	рс	200.00	2,000.00
		237	Graduated Glass beaker, 1000 mL, Type 1	10	рс	800.00	8,000.00
			Borosilicate				
		238	Graduated Glass beaker, 2000 mL, Type 1	5	рс	1,500.00	7,500.00
			Borosilicate				
		239	Graduated medicine cup, 30 mL,	1	pack	500.00	500.00
			transparent/translucent, 100 pcs/pack				
			Material: Polypropylene				
		240	Soft-tipped bristle Flat brush, wooden handle.	5	рс	200.00	1,000.00
			50mm wide				
		241	Graduated laboratory beaker with handle	10	рс	2,500.00	25,000.00
			Material: Polypropylene				
			Capacity: 5 Liters				
		242	Wash bottle, 500 mL capacity.	20	рс	350.00	7,000.00
,			Material: LDPE. Narrow neck				
		243	Volumetric flask, 50ml, Made of Type 1 Borosilicate	20	рс	3,240.00	64,800.00
			glass with fitted stopper; Class A Graduation with				
			Calibration Certificate				
		244	Cotton roll, 100 gram per pack. Absorbent	10	pack	230.00	2,300.00
		245	Volumetric flask, 100ml, Made of Type 1	50	рс	3,600.00	180,000.00
			Borosilicate glass with fitted stopper; Class A				
		2:-	Graduation with Calibration Certificate	455		F 000 05	F00 000 55
		246	Digestion tube round buttom vessel, 100 mL 24x	100	рс	5,000.00	500,000.00
			300 mm height; 30 cm inner diameter: 2.4 cm				
ŀ		247		200		200.00	E6 000 00
		247	Erlenmeyer flask, 125ml, Made of Type 1	200	рс	280.00	56,000.00
			Borosilicate glass				

PR Number	End User		Item	Qty	Unit	MOOE	Total Cost
		248	Mobile Phase Filter Degasser Assembly: 2 L receiving flask, glass Membrane holder, glass 500 mL Reservoir	1	рс	40,000.00	40,000.00
		249	Nylon membrane filter, 47 mm, 0.2 micron pore size, 100 pcs/pk	10	pack	11,000.00	110,000.00
		250	Glass Conical Tubes with Graduation, 50 mL, height 14cm, dia 3cm	50	pcs	4,500.00	225,000.00
		251	Glass Conical Tubes Rack, 24 holes (PET), hole size: 3.5cm x 3.5cm	2	pcs	4,000.00	8,000.00
		252	Carboy (rectangular) Material: HDPE 20 L Capacity/ Black	50	pc	300.00	15,000.00
		253	Hand towel (good morning)	10	рс	150.00	1,500.00
2025-01-01 84	LSD		Soil Chemistry				3,421,300.00
		254	Graduated leaching tube 100 -mL Capacity with stopcock	80.00	рс	8,000.00	640,000.00
		255	Digestion tube round bottom vessel, 100 mL with metal rack	50.00	рс	3,000.00	150,000.00
		256	Syringe Volume: 1-10 mL, graduated Material: Plastic Type: Luer-Lock Diameter: 25 mm Suitable for 0.45 µm Syringe filter with 25 mm diameter 100 pcs/pk	3.00	pk	4,000.00	12,000.00
		257	Syringe filter Pore size: 0.45 µm Membrane: PVDF Diameter: 25 mm 100 pcs/pk	3.00	pk	7,000.00	21,000.00
		258	Digestion tube rack 50 holes hole size: 3.4cm x 3.4cm material: metal	2.00	рс	900.00	1,800.00
		259	Digestion tube rack 24 holes hole size: 6cm x 6cm material: metal	4.00	рс	800.00	3,200.00
		260	Distillation tube round bottom vessel volume: 250 mL	100.0 0	рс	4,000.00	400,000.00
		261	Laboratory Gown, Customized with embroidered logo, with adjustable cuffs	30.00	рс	2,000.00	60,000.00
		262	Laboratory Gown, Customized with embroidered logo and name	80.00	рс	1,500.00	120,000.00
		263	Laboratory Gown, Customized with embroidered logo	120.0 0	рс	1,500.00	180,000.00
		264	Pipette Tips (universal fits all brands of pipettor, 100-1000 μL vol. cap., reusable; 1000pcs/set)	5.00	pack	3,000.00	15,000.00
		265	Sample Container 10-20 mL Capacity, Caps included Material: PP 500 pcs per case	6.00	case	16,789.13	100,734.78

PR Number	End		Item	Qty	Unit	MOOE	Total Cost
	User	266	Curingo	4.00	20	12 205 00	40 542 56
		266	Syringe 100µL Capacity	4.00	рс	12,385.89	49,543.56
			Acid Resistant needle				
			Removable Needle				
			Primary Material: Glass				
			Barrel Inner Diameter: 1.4mm				
			Stroke Length: 60mm				
		267	Volumetric flask, 50ml, Made of Type 1 Borosilicate	150.0	рс	3,240.00	486,000.00
			glass with fitted stopper; Class A Graduation with	0			
			Calibration Certificate				
		268	Round Media Storage Bottles, 1 L, with Screw Cap,	5.00	рс	1,000.00	5,000.00
			clear				
							0.00
			Soil Physics				0.00
		269	Soil Hydrometer, For soil, with code ASTM H152,	4.00	рс	5,000.00	20,000.00
-			with Certificate of Compliance and Traceability				
		270	Graduated cylinder, 1000 mL, Made of Type 1	40.00	рс	4,000.00	160,000.00
			Borosilicate glass; Class A Graduation with Calibration Certificate				
			Cambration Certificate				0.00
-			Soil Microbiology				
-		271	Soil Microbiology	2.00	la av	2 000 00	0.00
		271	Culture tubes with phenolic caps, round bottom, autoclavable, borosilicate glass, 16 mm × 160 mm,	2.00	box	2,000.00	4,000.00
			approx. 1mm thickness, 100pcs/box				
-		272	Culture tubes with phenolic caps, round bottom,	2.00	box	3,000.00	6,000.00
		2,2	borosilicate glass, autoclavable, 18-20-mm ×	2.00		3,000.00	0,000.00
			180-200 mm, approx. 1.8mm thickness,				
			100pcs/box				
•		273	Sterile Disposable Petri Plates Optically clear,	800.0	pack	250.00	200,000.00
			transparent, disposable petri plates, size: 90 mm	0			
			diameter x 25 mm, 10pcs/pack				
		274	Interfolded Paper Towel, 120pulls/pack	48.00	pack	70.00	3,360.00
		275	Tissue, Giant Roll Paper Tissue, 3ply, 225 x 214mm,	48.00	pack	200.00	9,600.00
			75pulls / 150sheets; 6 rolls/pack				
		276	KN95 Face Protective mask 5-ply, white 50 pcs./box	16.00	box	1,500.00	24,000.00
		277	Face Mask Surgical 3-Ply, Disposable 50 pcs./box	48.00	box	250.00	12,000.00
		278	Laboratory Gloves, Nitrile, 100's/box, Small	48.00	box	600.00	28,800.00
		279	Laboratory Gloves, Nitrile, 100's/box, Medium	48.00	box	600.00	28,800.00
		280	Laboratory Gloves, Nitrile, 100's/box, Large	48.00	box	600.00	28,800.00
•		281	Zero Scratch Scrub Dishwashing Sponges	32.00	pack	190.00	6,080.00
			3pcs./pack				
		282	Delicate Task wipers, suitable for laboratory	48.00	box	300.00	14,400.00
			instrument, glassware and other delicate surfaces,				
			1ply/sheet, 286 sheets/box				
		283	Media bottle, 500 mL, permanent white enamel	32.00	pcs	1,000.00	32,000.00
			graduations and marking spots, with Polypropylene				
			screw cap				
		284	Media bottle, 250ml, permanent white enamel	64	рс	500.00	32,000.00
			graduations and marking spots, with Polypropylene				
}		285	Screw cap Autoclave indicator tane, with printed diagonal	35.00	nc	550.00	19,250.00
		265	Autoclave indicator tape, with printed diagonal strips, Size: 19mmx50mm	35.00	pc	550.00	19,230.00
-		286	Polypropylene bags, 12x18 Polypropylene	32.00	pack	200.00	6,400.00
		200	autoclavable bags, 0.018 thick (approx	52.00	pack	200.00	0,400.00
			100pcs/pack)				
ŀ		287	Beaker, 2000L, plastic	32	рс	1,000.00	32,000.00
				<u> </u>	۲۰	1,000.00	5=,555.55

PR Number	End		Item	Qty	Unit	MOOE	Total Cost
	User						
		288	Spatula, White, Heavy duty Silicone, 11", Heat	32	рс	800.00	25,600.00
			Resistant				
		289	All Purpose Cleaner 2.5 Gallon / Multi Purpose	32.00	рс	290.00	9,280.00
			Disinfectant Cleaner				
		290	Bottle and cylinder brush, radial tip	32.00	рс	150.00	4,800.00
		291	Beakers, 50ml, PET plastic	15.00	рс	190.00	2,850.00
							2,954,298.34
			GRAND TOTAL				22,295,110.92

LOT 3 - PROVISION OF CERTIFIED REFERENCE MATERIAL AND QUALITY REFERENCE MATERIAL

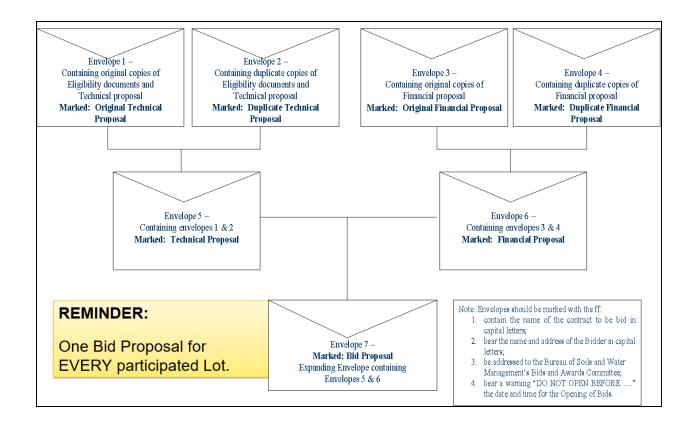
PR	End	Item	ltem	Otv	Unit	MOOE	Total Cost
Number	User	no.	item	Qty	Unit	MODE	iotai Cost
2025-00-0			Provision of Certified Reference Material and				
060	LSD		Quality Reference Material				
			NSHP				
		1	History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry 10 samples per set, 1kg/bottle, with analysis report (hard copy and softcopy) Soil Salinity Parameters are the following but not limited to: - Saturation Paste Moisture - Salinity pH - Salinity ECe - Salinity Bicarbonate - Salinity Calcium - Salinity Magnesium - Salinity Potassium - Salinity Sodium - Salinity SAR - Salinity Sulfate - Soil Salinity Chloride	5	bottle	120,000.00	600,000.00
		2	- Soil Salinity Nitrate -Total Organic Carbon History Proficiency Test Samples (Quality Reference Material) for Soil Physics; 150g/bottle Parameters: - Field Capacity (1/3bar), Permanent Wilting Point (15 bar) Moisture Content with Certificate of Analysis	15	bottle	25,000.00	375,000.00
		3	History Proficiency Test Samples (Quality Reference Material) for Soil Physics; 8 samples per set, 1kg/bottle Soil Parameter: Particle Size Analysis, Field Capacity (1/3bar), Permanent Wilting Point (15 bar) and Available Water with Certificate of Analysis	5	bottle	95,040.00	475,200.00
		4	Certified Reference Material for Water (NO3-N, PO4-P and NH4-N), 15-20 mL /Bottle, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: - Nitrate (NO3-N) in water - Phosphorus in phosphate (PO4-P) in water - Ammonia (NH4-N) in water	2	bottle	35,000.00	70,000.00
		5	Certified Reference Material for Water (Calcium and Magnesium), 500 mL with certificate of analysis	2	bottle	35,000.00	70,000.00

PR Number	End User	Item no.	ltem	Qty	Unit	MOOE	Total Cost
		6	Certified Reference Material for Water (Alkalinity as CaCO3, Cl, NO3, SO4, K, Na, EC), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: - Alkalinity as CaCO3 - Chloride in water - Nitrate in water - Sulfate in water - Sodium and Potassium in water - pH in water - Electrical Conductivity in water	2	bottle	28,800.00	57,600.00
		7	Certified Reference Material for Water (pH), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to:: -pH in Water	2	bottle	35,000.00	70,000.00
		8	Certified Reference Material for Water (Heavy Metals), 500 mL, Attach Certificate of Analysis (Must have NIST Traceability) Water Parameters are the following but not limited to: -Pb, Hg, Cd, As, Cr	2	bottle	28,800.00	57,600.00
		9	Certified Reference Material for Compost (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	3	bottle	35,000.00	105,000.00
		10	"Certified Reference Material for Land Plants (Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Heavy Metals), with certificate of analysis, Must have NIST Traceability, 10-30g/bottle Plant Tissue Parameters: -Total Nitrogen - Total Bases (Total Calcium, Total Potassium, Total Magnesium, Total Sodium) - Total Phosphorus - Total Zinc, Manganese, Iron, Copper - Lead, Hg, Cd, As, Cr"	2	bottle	97,000.00	194,000.00
		11	Certified Reference Material for Inorganic Fertilizer (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr, CaCO3, S), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	4	bottle	35,000.00	140,000.00
		12	Certified Reference Material for Foliar Fertilizer (pH, Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate of Analysis (Must have NIST Traceability)	4	bottle	35,000.00	140,000.00

History Proficiency Test Samples (Quality Reference Material) for Water Chemistry: 8 samples per set, approx 500mL/bottle, 3 different concentration, with Certificate of Analysis Water Parameters: -	PR Number	End User	Item no.	ltem	Qty	Unit	MOOE	Total Cost
150 150 150 150 150 17028			13	Reference Material) for Water Chemistry; 8 samples per set, approx 500mL/bottle, 3 different concentration, with Certificate of Analysis Water Parameters: - pH - Electrical Conductivity - Sulfate - Nitrate - Bicarbonate/carbonate - Chlorides	2	bottle	80,000.00	160,000.00
Certified Reference Material for Compost (pH, Moisture, Total N, Total Ca, Total Cu, Total Pe, Total N, Total Ca, Total Pe, Total N, Total Pe, Total N, Total Pe, Total N, Total Pe, Total Pe, Total N, Total N, Total Pe, Tot								2,514,400.00
Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total Pt, total Zn, Lead, Hg, Cd, As, Cri, 50-300g, Attach Certificate of Analysis (Must have NIST Traceability) "History Proficiency Test Samples (Quality Reference Material) for Water Chemistry, 8 samples per set, approx 500mL/bottle, 3 different concentration, with certificate analysis Water Parameters: 15	2025-00-0	LSD		ISO 17025				
Reference Material) for Water Chemistry; 8 samples per set, approx 500mt/bottle, 3 different concentration, with certificate analysis Water Parameters: - PH - Electrical Conductivity - Sulfate - Nitrate - Bicarbonate/carbonate - Chlorides - Phosphate" 2025-01-0 183 History Proficiency Test Samples (Quality Reference Material) for Soil Chemistry and Physical Parameters; 4 samples per set, 1kg/bottle, with certificate of analysis report Soil Parameters are the following but not limited to: - Soil Electrical Conductivity (1:1 Soil-to-Water Ratio) - Soil pH (1:1 Soil-to-Water Ratio) - Available Phosphorus (Olsen and Bray Method) - Exchangeable Bases Ammonium Acetate Extraction Method for Potassium, Sodium, Magnesium and Calcium - Trace Elements DTPA Extraction Method (Iron, Copper, Zinc and Manganese) - Soil Total Nitrogen (Kjeldahl) - Soil Organic Matter (Walkley-Black) - Cation Exchange Capacity - Particle Size Analysis (Sand, Silt and Clay) 990,000.00	060		14	Moisture, Total N, Total Ca, Total Cu, Total Fe, Total K, Total Mg, Total Mn, Total Na, Total P, total Zn, Lead, Hg, Cd, As, Cr), 50-100g, Attach Certificate	1	bottle	35,000.00	35,000.00
SD			15	Reference Material) for Water Chemistry; 8 samples per set, approx 500mL/bottle, 3 different concentration, with certificate analysis Water Parameters: - pH - Electrical Conductivity - Sulfate - Nitrate - Bicarbonate/carbonate - Chlorides	1	bottle	80,000.00	80,000.00
Reference Material) for Soil Chemistry and Physical Parameters; 4 samples per set, 1kg/bottle, with certificate of analysis report Soil Parameters are the following but not limited to: - Soil Electrical Conductivity (1:1 Soil-to-Water Ratio) - Soil ph (1:1 Soil-to-Water Ratio) - Available Phosphorus (Olsen and Bray Method) - Exchangeable Bases Ammonium Acetate Extraction Method for Potassium, Sodium, Magnesium and Calcium - Trace Elements DTPA Extraction Method (Iron, Copper, Zinc and Manganese) - Soil Total Nitrogen (Kjeldahl) - Soil Organic Matter (Walkley-Black) - Cation Exchange Capacity - Particle Size Analysis (Sand, Silt and Clay) 16 4 bottles per set 15 set 66,000.00 990,000.00								115,000.00
990,000.00		LSD	4.5	Reference Material) for Soil Chemistry and Physical Parameters; 4 samples per set, 1kg/bottle, with certificate of analysis report Soil Parameters are the following but not limited to: - Soil Electrical Conductivity (1:1 Soil-to-Water Ratio) - Soil pH (1:1 Soil-to-Water Ratio) - Available Phosphorus (Olsen and Bray Method) - Exchangeable Bases Ammonium Acetate Extraction Method for Potassium, Sodium, Magnesium and Calcium - Trace Elements DTPA Extraction Method (Iron, Copper, Zinc and Manganese) - Soil Total Nitrogen (Kjeldahl) - Soil Organic Matter (Walkley-Black) - Cation Exchange Capacity - Particle Size Analysis (Sand, Silt and Clay)	15			
			16	4 bottles per set	15	set	66,000.00	000,000,00
							GRAND TOTAL	

PR no.	End User	Item no.	ltem	Qty	Unit	МООЕ	Total Cost
2025-00-0							
057	LSD		Provision of Chemical Filtering Supplies				
			Water Chemistry Section				
		1	Potassium Chromate, AR, 500g/btl	10	Bottle	7,680.00	76,800.00
			Water Test Kit				
		2	Hydrochloric Acid, conc., AR, 2.5 L/btl	5	Bottle	3,120.00	15,600.00
		3	Sulfuric acid, AR, 2.5 L/btl	5	Bottle	9,600.00	48,000.00
			Soil Physics Section				
			Soil Chemistry				
		4	Potassium Dichromate, AR, Powder, 500g/bottle	10	Bottle	5,000.00	50,000.00
		5	Potassium Chromate, AR, 500g/bottle	5	Bottle	4,300.00	21,500.00
			RST				
		6	Potassium dichromate, AR, 500g /bottle	2	Bottle	7,920.00	15,840.00
		7	Hydrochloric Acid, AR,37% Concentrated, 2.5				
		,	L/bottle	15	Bottle	3,240.00	48,600.00
		8	Sulfuric Acid, AR, 98%Concentrated 2.5 L/bottle	20	Bottle	3,240.00	64,800.00
			P and Beta Enzymatic Activity				0.00
		9	Hydrochloric acid				
		9	ACS,37% Concentrated, 2.5 L/bottle'	1	Bottle	18,000.00	18,000.00
		10	Toluene, 1L Certified ACS , ≥99.5%, 500ml/bottle	2	Bottle	7,920.00	15,840.00
				1		Subtotal	374,980.00
2025-00-0	SWRR			T T			, , , , , , , , ,
058	D						
			Sulfuric Acid, AR, Concentrated 2.5 L/bottle,				
		11	staggered delivery				
		11	Statutory Requirements: Must have PDEA permit to				
			purchase or equivalent	4	bottle	3,500.00	14,000.00
		12	Hydrochloric acid				
			37 %, 2.5 L	2	bottle	3,000.00	6,000.00
		13	Potassium Dichromate				
			AR grade , 500g/bottle	2	bottle	5,000.00	10,000.00
2025 04 0	<u> </u>	l e	In	1	ı	Subtotal	30,000.00
2025-01-0	1.00		Provision of Chemical and Filtering				0.00
181	LSD		Supplies-Laboratory Supplies				0.00
			NSHP				0.00
			BARMM				0.00
		14	Hydrochloric Acid, AR, 2.5 L/bottle	8	bottle	4,500.00	36,000.00
		15	Sulfuric Acid, AR, 2.5 L/bottle	5	bottle	4,000.00	20,000.00
		16	Acetone, AR, 2.5 L/bottle	2	bottle	8,500.00	17,000.00
						Subtotal	73,000.00
			Note: Bidders to submit CCO REGISTRATION				
			CERTIFICATE and PDEA PERMIT. during Post				
			Qualification				
						GRAND TOTAL	477,980.00

Sealing and Marking of Bid:



BSWM Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPP	INES)
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 C

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];

0. [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;)];

- 0. [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, <u>by itself or by relation</u>, <u>membership</u>, <u>association</u>, <u>affiliation</u>, <u>or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting:</u>
- 0. 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;
- 0. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 0. [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;

0. [Name of Bidder] complies with existing labor laws and standards; and

- [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;
- a. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
- a. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
- a. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
 - 0. [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.
- 0. 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]