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Republic of the Philippines Department of Agriculture BUREAU OF SOILS AND WATER MANAGEMENT SRDC Building Elliptical Road corner Visayas Avenue, Diliman, Quezon City 1101 customers.center@bswm.da.gov.ph Tel. no. (632) 8273-2474 local 3202

BSWM- BIDS AND AWARDS COMMITTEE SUPPLEMENTAL BID BULLETIN NO. 1

CONTRACT: Supply and Delivery of Various Technical Scientific Equipment for CY 2025 - IB No. BSWM 2025-02-033

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 27, 2025, at the BSWM Convention Hall and via Videoconferencing-Zoom.

ORIGINAL	AMENDED
Section I. Invitation to Bid	Section I. Invitation to Bid
• IB NO: BSWM 2025-01-033	• IB NO: BSWM 2025-02-033
• A complete set of Bidding Documents may be acquired by interested Bidders until March 12, 2025 3:00PM.	 A complete set of Bidding Documents may be acquired by interested Bidders until March 17, 2025 3:00PM.
• Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before March 13, 2025, 9:00AM. Late bids shall not be accepted.	 Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below <u>on or before</u> <u>March 18, 2025, 9:00AM</u>. Late bids shall not be accepted.
• Bid opening shall be on March 13, 2025, 9:30AM at the BSWM Convention Hall, 2nd Floor, SRDC Bldg., Visayas Ave. Cor. Elliptical Road, Diliman, Quezon City and through videoconferencing/webcasting via ZOOM and streamed live through BSWM Procurement Service FB Page. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.	• Bid opening shall be on <u>March 18, 2025,</u> <u>9:30AM</u> at the BSWM Convention Hall, 2nd Floor, SRDC Bldg., Visayas Ave. Cor. Elliptical Road, Diliman, Quezon City and through videoconferencing/webcasting via ZOOM and streamed live through BSWM Procurement Service FB Page. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
<u>Section I. Invitation to Bid, Item 1.</u> 1. The Bureau of Soils and Water Management (BSWM), through the General Appropriation Act for CY 2025 and FY 2024 (Continuing) intends to apply the sum of:	<u>Section I. Invitation to Bid, Item 1.</u> 1. The Bureau of Soils and Water Management (BSWM), through the General Appropriation Act for CY 2025 and FY 2024 (Continuing) intends to apply the sum of:
Lot 1- Supply and Delivery of Various General Laboratory Equipment ABC: PhP 11,336,300.00	Lot 1- Supply and Delivery of Various General Laboratory Equipment ABC: PhP 9,706,300.00
Lot 2- Supply and Delivery of UV-Vis Spectrophotometer	Lot 2- Supply and Delivery of UV-Vis Spectrophotometer

AMENDMENTS OF THE BIDDING DOCUMENT:



LA-2023-423A Soil and Water Resources

ORIGINAL	AMENDED
ABC: PhP 1,500,000.00	ABC: PhP 1,500,000.00
Lot 3- Supply and Delivery of Various Sample Preparation Equipment ABC: PhP 10,000,000.00	Lot 3- Supply and Delivery of Various Sample Preparation Equipment ABC: PhP 10,000,000.00
Lot 4- Supply and Delivery of Various Microbiological Laboratory Equipment ABC: PhP 9,970,000.00	Lot 4- Supply and Delivery of Various Microbiological Laboratory Equipment ABC: PhP 9,970,000.00
Lot 5- Supply and Delivery of Various Soil Physics Laboratory Equipment ABC: PhP 25,695,000.00	Lot 5- Supply and Delivery of Various Soil Physics Laboratory Equipment ABC: PhP 12,695,000.00
Lot 6- Supply and Delivery of CNS Analyzer ABC: PhP 7,000,000.00	Lot 6- Supply and Delivery of CNS Analyzer ABC: PhP 7,000,000.00
Lot 7- Supply and Delivery of Various Equipment for Calibration ABC: PhP 6,260,000.00	Lot 7- Supply and Delivery of Various Equipment for Calibration ABC: PhP 7,890,000.00
Lot 8- Supply and Delivery of Various Environmental Monitoring and Field Equipment ABC: PhP 1,827,000.00	Lot 8- Supply and Delivery of Various Environmental Monitoring and Field Equipment ABC: PhP 1,827,000.00
	Lot 9: Supply and Delivery of Core Sampler Set with sampling tubes ABC; PhP 13,000,000.00
The Procurement Project (referred to herein as "Project") is composed of <u>8 Lots</u> , the details of which are described in Section VII (Technical Specifications).	The Procurement Project (referred to herein as "Project") is composed of <u>9 Lots</u> , the details of which are described in Section VII (Technical Specifications).
	Section III. Bid Data Sheet, ITB Clause 10.
	Documents comprising the Bid: Eligibility and Technical Components
	• Bidder shall attach Certificate of Authorized or Exclusive Distributorship as part of the Technical Proposal, as required in the Revised Section VII: Technical Specifications. (Refer to Annex B of this Bid Bulletin.)
	REITERATION
	Section III. Bid Data Sheet
	19.4. The Project shall be awarded as follows: One Project having several items per lot, that <u>shall be</u> <u>awarded per line-item basis.</u>



	ORIGINAL		AMENDED
Section V	/I. Schedule of Requirem	ents	Revised Section VI. Schedule of Requirements (See Annex A of this Bid Bulletin)
Lot Number	Description	Delivered, Weeks/Months	
	Lot 1- Supply and Delivery of Various General Laboratory Equipment Lot 2- Supply and Delivery of UV-Vis Spectrophotometer	×	
	Lot 3- Supply and Delivery of Various Sample Preparation Equipment Lot 4- Supply and Delivery Various of		
	Microbiological Laboratory Equipment Lot 5- Supply and Delivery of Various Soil Physics Laboratory Equipment	Within 60 calendar days upon receipt of NTP	
	Lot 6- Supply and Delivery of CNS Analyzer		
	Lot 7- Supply and Delivery of Various Equipment for Calibration		
	Lot 8- Supply and Delivery of Various Environmental Monitoring and Field Equipment		
			Revised Section VII. Technical Specifications (See Annex B of this Bid Bulletin)

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

CLARIFICATIONS	AGREEMENT
1. Would you allow aggregate contracts for the SLCC?	No.
 2. <u>On Price Schedule for Imported Goods</u> If the item will be imported from abroad, what price schedule form should we use? Concern on filling out the prescribed form <i>Price Schedule for Goods Offered from Abroad</i> considering even if the goods are yet to be delivered from abroad. 	Bidders offering imported products to be supplied to the Philippines shall use the Price Schedule for Goods Offered from Abroad. Furthermore, may we refer you to the GPPB NPM No. 058-2015, regarding Price Schedule: "We wish to note that for bidders offering imported products to be supplied to the Philippines, the form to be used shall be the Price Schedule for Goods Offered from Abroad. For the purpose of determining the details to be filled-out therein, i.e. freight and insurance cost and other surcharges, among others, the bidder shall determine these details from the relevant government agencies and/or quotations from private business entities whose services it will engage. Accordingly, for bidder offering imported products, the form to be used by the bidder shall be the Price Schedule for Goods Offered from Abroad, even if the goods are yet to be delivered from abroad. In the determination of

CLARIFICATIONS	AGREEMENT			
	the details contained therein, the bidder shall fill-out the necessary details, based on the calculated costings from government agencies and/or quotations of private business entities whose services it will engage for the particular procurement project"			

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 (<u>https://www.gppb.gov.ph/downloadables.php</u>).
- 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.

For guidance and information of all concerned.

DENISE A. SOLANO BAC Chairperson



ANNEX A

Revised Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Lot Number/Description	Delivered, Weeks/Months	Delivery Location		
Lot 1- Supply and Delivery of Various General Laboratory Equipment		BSWM Central Office - Diliman Quezon City		
Lot 2- Supply and Delivery of UV-Vis Spectrophotometer		BSWM Central Office - Diliman Quezon City		
Lot 3- Supply and Delivery of Various Sample Preparation Equipment		BSWM Central Office - Diliman Quezon City		
Lot 4- Supply and Delivery Various of Microbiological Laboratory Equipment	Within 90 calendar days upon receipt of	16 Regional Soil Laboratory*, 3 Research Centers (Tanay, Bulacan, Bukidnon) and BSWM Quezon City		
Lot 5- Supply and Delivery of Various Soil Physics Laboratory Equipment	NTP	BSWM Central Office - Diliman Quezon City		
Lot 6- Supply and Delivery of CNS Analyzer		BSWM Central Office - Diliman Quezon City		
Lot 7- Supply and Delivery of Various Equipment for Calibration		BSWM Central Office - Diliman Quezon City		
Lot 8- Supply and Delivery of Various Environmental Monitoring and Field Equipment		BSWM Central Office - Diliman Quezon City		

*Please refer to Revised Section VII. for the address of Regional Soil Laboratory



ANNEX A

REVISED SECTION VII. TECHNICAL SPECIFICATIONS

Note: Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.]

Note: State the Model/Brand for Evaluation purposes.

Lot 1- Supply and Delivery of Various General Laboratory Equipment

Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
	2025-00-0		NSHP			
	051					
			Horizontal Reciprocating shaker	3	units	
			Specifications:			
			Motor DC 250W			
			Shaking type : Horizontal/vertical			
			Speed 0~350 rpm			
			Stroke 40 mm			
			Timer 0~60 min.			
			Control Step-less speed adjust system			
			Size: minimum 430 x 430 x 580 mm			
			Weight (kg): minimum 59			
			Funnel holder (ml x pcs) : 100 x 6 200 x 6 300 x 4 500 x 4 1000 x 3			
			with accessories:			
			Funnel Holder 100ml up to 1000ml			
			Triangular Flask Holder			
			Centrifuge Tube Holder			
			Test Tube rack Holder			
			with 3 years warranty			
			with PMS and service visits within warranty period			
			with ISO 17025 Calibration Certificate			
			with Local Training for end-users			
			with Training at end-user's site using the same model of equipment for 2 pax or more			
			Delivery Site: BSWM Central Office			
2	2025-00-0 051	LSD	Top Loading Balance	2	units	
			Capacity: maximum 620g			
			Readability: 0.01g			
			Repeatability: 0.01g			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Linearity: 0.02g			
			Operating Ambient Temperature: 15-35 <u>+</u> °5			
			Temperature Coefficient Sensitivity (ppm/C): ±5			
			Pan Size (mm) approx.: 190x190 mm ±15			
			Power requirement: AC adaptor (DC12-220V, 1A)			
			with ISO/IEC 17025 Calibration Certificate			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
3	2025-00-0 051	LSD	Digital Burette, continuous	3	units	
			Specifications:			
			Nominal Volume: 50 mL			
			Accuracy in % (±): 0.06-0.20%			
			Coefficient Variation = = 0.1%</td <td></td> <td></td> <td></td>			
			Accessories:			
			telescoping filling tube			
			recirculation tube			
			batteries			
			3 PP bottle adapters (GL 45/32, GL 45/S 40, GL 32/NS 29/32)			
			2 amber colored light shield inspection windows			
			Operation Manual, performance certificate			
			with ISO Calibration Certificate			
			with 1 year warranty on parts and services			
			Delivery Site: BSWM Central Office			
4	2025-00-0 051	LSD	Desiccator Cabinet	3	units	
			Specifications:			
			Synchronized display of temperature and humidity			
			Adjustable humidity value 15~50%RH			
			Temperature display accuracy $\pm 1^{\circ}$ C			
			Humidity display accuracy ±3%RH			
			PPS fireproof plastic host with heat resistance up to 230° C			
			Passed CE international certification			
			Volume (liters): 1250 min			
			Number of doors: 6			
			with ISO Calibration Certificate			
			with 1 year warranty on parts and services			
			Delivery Site: BSWM Central Office			
			PD 1435			
5	2025-00-0 051	LSD	pH meter	1	unit	
			Specifications: pH			





Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Range: -2.00 to 16.00 pH			
			Resolution: 0.1/0.01/0.001 pH			
			Accuracy: ±0.002			
			Cal. Points: Up to 5			
			Buffer Sets: NIST			
			Buffer 4.00, 7.00, 10.00, 12.45, 1.68 500 mL per bottle with CoA (NIST Traceable)			
			Temperature			
			Range (Meter): 0.0 to 100.0 ºC / 32.0 to 212.0 ºF Resolution: 0.1 ºC / 0.1 ºF			
			Accuracy: ±0.3 °C / ±0.5 °F			
			Compensation: ATC			
			Power Requirements: 9-20 V DC adapter, 1.3 A			
			(100/240 VAC, SMPS)			
			Accessories:			
			Integral Electrode Holder & 100/240 VAC Adapter			
			pH Electrodes, ATC probe			
			4, 7, 10 pH buffer standards ISO Calibration Certificate			
			with 1 year warranty on parts and services Delivery Site: BSWM Central Office			
6	2025-00-0 051	LSD	EC meter	1	unit	
			Specifications:			
			Conductivity			
			Range: 0.050 μS to 500.0 mS			
			Resolution: 0.01 / 0.1 μS ; 0.001 / 0.01 / 0.1 mS			
			Accuracy: ±1 % full scale			
			Cal. Points: Up to 5			
			Cell Constant: 0.010 to 10.000			
			Temperature			
			Range (Meter): 0.0 to 100.0 ºC / 32.0 to 212.0 ºF Resolution: 0.1 ºC / 0.1 ºF			
			Accuracy: $\pm 0.3 \text{ °C} / \pm 0.5 \text{ °F}$			
L			Coefficient (Per ^o C): Linear & pure ; 0.000 to 10.000 %			
			Normalization: 15.0 to 30.0 °C / 59.0 to 86.0 °F			
			Compensation: ATC			
			Power Requirements: 9 V DC adapter, 1.3 A (100/240 VAC, SMPS)			
			Inclusions:			
			EC Electrodes			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			EC buffer standards			
			111.8 uS/cm 12880 uS/cm 1413 uS/cm 147 uS/cm			
			84 uS/cm with COA (NIST Traceable) 500 mL per bottle			
			ISO Calibration Certificate			
			with 1 year warranty on parts and services			
			Delivery Site: BSWM Central Office			
7	2025-00-0 052	LSD	Variable Volume Pipettor	37	pcs	
			Specifications:			
			Volume: 1000-10,000 μl			
			Chemically resistant			
			Adjustable, interchangeable, easy-grip ejector Volume can be adjusted from the			
			thumbwheel or the plunger button			
			Fully Autoclavable			
			Interior is made of plastic polymer or from corrosion resistant material.			
			with carousel, 1000 pipette tips per unit			
			with ISO/IEC 17025 Calibration Certificate			
			with 1 year warranty on parts and services			
			Delivery Site: BSWM Central Office			
8	2025-00-0 052	LSD	Vortex Mixer	40	рс	
			Specifications: Construction material: zinc alloy and			
			technopolymer/ Aluminum cast ion / ABS plastic housing material or equivalent			
			Support system: 4-8 anti-sliding feet			
			Orbital diameter: 4.0-4.5 mm			
			Speed setting: analog (knob)			
			Speed control: analog (knob)/DC motor			
			Speed: up to 3000 rpm			
			Operating modes: touch, continuous			
			Electronic protection degree CEI EN 60529: IP32- 42 Power (max): 6-15 W			
			Weight (min): 2.7-6.5 Kg			
			with 1 year warranty on parts and services			
			Delivery Site: BSWM Central Office			
9	2025-00-0	LSD	Bottletop Dispenser	30	рс	
	052		Specifications:			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Capacity: 5-50 mL			
			Subdivision/Graduation: 1mL			
			Accuracy: <= +/-0.5%			
			Precision/Coefficient Variation: <= 0.1%			
			with container bottle and adapters			
			with recirculation and discharge valve			
			with 1 year warranty on parts and services			
			with ISO/IEC 17025 Calibration Certificate			
			Delivery Site: BSWM Central Office			
	2025-00-0 052	LSD	Digital Titrator	30	рс	
			Specifications:			
			Nominal Volume: 50 mL			
			Accuracy in % (±): 0.02-0.06%			
			Ассигасу in µl (±): 30-100 µl			
			Coefficient of variation (%): 0.01-0.02 %			
			Coefficient of variation in µl: 10-50 µl			
			Accessories:			
			telescoping filling tube			
			recirculation tube			
			batteries			
			3 PP bottle adapters (GL 45/32, GL 45/S 40, GL 32/NS 29/32)			
			2 amber colored light shield inspection windows			
			Operation Manual, performance certificate			
			with 1 year warranty on parts and services			
			with ISO/IEC 17025 Calibration Certificate			
			Delivery Site: BSWM Central Office			
	2025-00-0 052	LSD	Magnetic Stirrer	12	рс	
			Specifications:			
			Stirring quantity max. per stirring position (H2O): 20 L			
			Speed display set-value: LCD/LED (digital)			
			Speed control: Turning knob/stirrer knob			
			Speed range: 30±20 - 1500±500 rpm			
			Setting accuracy speed: 1-10 rpm			
			Heat output: 600-1000 W			
			Heat control: Turning knob (Temp button /heater knob)			
			Temperature setting range: up to 350°C or higher			
			Voltage: 220-230 / 115 / 100 V			
			Frequency: 50/60 Hz			
			Power input: up to 1050 W			
		_	with 1 year warranty on parts and services			
			Delivery Site: BSWM Central Office			



Item	PR	End	Item	Qty	Unit	Statement of Compliance
no.	Number	User				
	2025-01- 0190	LSD				
			Soil Chemistry			
12			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, suitable for most reagent bottles Delivery Site: BSWM Central Office	1	pc	
13			Bottle top dispenser, 5-50 mL, Laboratory Grade; Acid and Alkali Resistance; Double Valve (Safety Valve) to avoid the waste of solution;Equipped with multiple screw adapters, suitable for most reagent bottles Delivery Site: BSWM Central Office	2	pc	

Lot 2- Supply and Delivery of UV-Vis Spectrophotometer

Item no.	PR Number	End User	Item	Qy	Unit	Statement of Compliance
1	2025-00- 0051	LSD	UV-VIS Spectrophotometer w/ computer and printer	1	units	
			Specifications:			
			Photometric System – Double beam			
			Monochromator – Double monochromator / Monochromator with imaging grating or equivalent			
			Source – Xe / Halogen (Tungsten) - D2 Lamp			
			Wavelength Range – 190-1100 nm			
			Detectors – Silicon photodiode detectors for simultaneous measurement of different channels			
			Wavelength accuracy (nm) $\pm 0.1 - 0.3$ nm			
			Wavelength reproducibility/repeatability (nm) < 0.05			
			Photometric Accuracy: 1 Abs: < <u>+</u> 0.003 2 Abs: < <u>+</u> 0.005			
			Spectral bandwidth: capable of 1 to 2 nm			
			Data collection rate 250 data points per second or more			
			Desktop PC unit with printer and UPS			
			Unit with sipper (and 5 spare tubings) 2 extra lamp source (if source is Halogen (Tungsten) - D2 Lamp) printer, UV workstation software compatible with equipment, and complete genuine office and OS			
			With 1 pc, 1000 ppm NIST Traceable Phosphorus Standard Solution corresponding (1) 100-500ml/bottle			
			Desktop specifications:			



Item no.	PR Number	End User	Item	Qy	Unit	Statement of Compliance
			Processor: i7-12th Gen / R7 Zen3+(RDNA2			
			based) subject to change considering			
			software compatibility Storage: at least 500GB M.2 PCIe NVMe SSD			
			Memory: at least 16GB, DDR4 (upgradable)			
			Operating System: Windows 10/11 Pro			
			subject to change considering software			
			compatibility MS Office: Microsoft Office 2021 (license)			
			Printer specifications:			
			Can print up to Legal size (8.5 x 14 in), color,			
			black			
			Can copy and scan up to A4 size, color, black			
			Has wireless capability			
			Has mobile printing capability			
			Print speed: Black - up to 8 ppm; Color - up to 5 ppm			
			Print quality: Black - up to 1200 x 1200 dpi; Color - up to 4800 x 1200 dpi			
			Copy speed: Black - up to 5 cpm; Color - up to 3 cpm			
			Copy resolution: up to 300 x 300 dpi			
			Scan resolution: up to 1200 dpi			
			Paper handling: Input - up to 60 sheets; Output - up to 25 sheets			
			Connectivity: Hi-speed USB; Built-in WiFi 802.11 b/g/n			
			200 - 240 VAC"			
			Accessories included:			
			UV software			
			AVR (compatibel with the system)			
			With End-User training (No. of pax: At least 2 pax) using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with venue at manufacturer's training facility			
			One (1) year warranty on parts and repair services with Authorized or Exclusive Distributorship Certificate			
			Free PMS for three (2) years inclusive of PM kits, consumables, and replacement of lamps within prescribed period with authorized or exclusice			
			distributorship			
			Delivery Site: BSWM Central Office			



Lot 3- Supply and Delivery of Various Sample Preparation Equipment

			livery of various sample Preparation		1	
em	PR	End	Item	Qty	Unit	Statement of Compliance
lo.	Number	User	Diant Tianna Crindan	20		
	2025-00-0	LSD	Plant Tissue Grinder	20	units	
	051					
			Specifications:			
			Sample size: 10mm with large inlet/funnel			
			up to 40mm			
			Grinding rate/time: Appr. 4 g/s or more			
			Grinding speed: Impeller minimum of 10,000			
			rpm			
			Particle size: 0.3-2mm			
			Safety: Microswitch, motor brake or			
			equivalent			
			Power Supply: 200-240 V			
			Power consumption: 500-1100 W			
			with complete accessories:			
			1 pc large sample inlet			
			5 pc screens - to cover 0.3 - 2mm			
			1 set - glass sample bottles			
			1 set - dust collection materials			
			1 set - grinding rings			
			1 set - impellers (aluminum)			
			with Validation Certificate or quality check			
			certificate from manufacturer			
			with Authorized or Exclusive			
			Distributorship Certificate			
			with 1-2 year warranty on parts and services			
			Delivery sites:			
			16 RSLs (Please refer to the delivery address)		+	
			3 Research Centers (Tanay, Bulacan,			
			Bukidnon),			
			and BSWM Quezon City			
					+	
			RSLs Delivery Address		+	
			CAR - BPI Compound, Guisad, Baguio City			
			RSL I- Aguila Road, Sevilla Norte, City of San			
			Fernando, La Union			
			RSL II - San Gabriel, Tuguegarao City, Cagayan			
			RSL III - Diosdado Macapagal Government			
			Center, Barangay Maimpis, City of San			
			Fernando, Pampanga			
			RSL IV-A - Lipa Agricultural Research and			
			Experiment Station (LARES), Marauoy, Lipa			
			City, Batangas			
			RSL IV-B - "J.P. Rizal Street, Barangay Camilmil,			
			Calapan City, Oriental Mindoro			
			4th Floor, ATI Building, Elliptical Road,			
			Diliman, Quezon City"			
			RSL V - San Agustin, Pili, Camarines Sur			
			RSL VI - DA-WESVIARC, Hamungaya, Brgy.			
			Buntatala, Jaro, Iloilo			
			RSL VII - DA-RFO 7 Complex, Highway			
			Maguikay, Mandaue City, Cebu			
			RSL VIII - Kanhuraw Hill, Tacloban City, Leyte			
			RSL IX - Lenienza, Pagadian City, Zamboanga			



Item	PR	End	Item	Qty	Unit	Statement of Compliance
No.	Number	User				
			del Sur			
			RSL X - Antonio Luna Street, Cagayan de Oro			
			City, Misamis Oriental			
			RSL XI - F. Bangoy Street, Agdao, Davao City			
			RSL XII - Prime Regional Government Center,			
			Carpenter Hill, Koronadal City, South Cotabato			
			RSL XIII - Capitol Site, Butuan City			
			BARMM - Office of the Chief Minister, BARMM			
			Compound, Gov. Gutierrez Ave., Cotabato City			

Lot 4- Supply and Delivery of Various Microbiological Laboratory Equipment

Item	PR	End	Item	Qty	Unit	Statement of Compliance
no.	Number	User				
1	25-00-005	LSD	Automated AST Workflow System	1	unit	
			Cresifications			
			Specifications:			
			Uses Broth Micro Dilution (BMD) Plate			
			method for AST			
			Capable of performing wide range of Susceptibility Testing for:			
			o Gram Negative Bacteria			
			o Gram-Positive Bacteria			
			o Anaerobe			
			o Hemophilus			
			o Yeast			
			Capable of performing Identification Testing			
			for:			
			o Gram Negative Bacteria			
			o Gram-Positive Bacteria			
			Utilizes customizable 96-well microtiter			
			plates using fluorescence and turbidimetry			
			for ID and susceptibility			
			Includes Autoinoculation Machine for ID and AST Plates			
			Includes Nephelometer for inoculum			
			standardization			
			AST Plates can be read manually, allowing			
			critical interpretation of unusual patterns			
			and eliminating the need to retest invalid			
			results			
			It should come with a single, robust			
			software platform that easily consolidates			
			test program and streamline data entry			
			Can be interfaced to most LIS systems and			
			service teams have the technical expertise to			
			support through the whole process with customizable Expert System that			
			provides three-tiered expert messages:			
			Information, Modification (based on FDA,			
			CLSI, and EUCAST recommendations), and			
			Warning Levels			
			with Quality Control Module and			
			Epidemiology Module			
			With existing installation in the Philippines			
			that uses customized plates for Veterinary			
			Antimicrobial Susceptibility Testing and			
			Antimicrobial Surveillance Programs			
			aligned with international guidelines			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Includes benchtop shaking incubator with standard platform equipped of flexible springs that can accommodate many type of flasks, tubes with different sizes Temperature: up to 60degrees Speed: up to 300 rpm			
			Inclusions: - with 1 year warranty on parts and services - User training for machine operations at Manufacturer's site (2pax) - Starter plates consumables and accessories good for 100 tests for AST - 1-2 sets of Culture Media and Reagents for Salmonella and Ecoli Testing - Customized Plates for ID and AST (Staggered delivery) a.) ASSECAF (Gram Neg AST1)- 50 kits b.) ASSECB (Gram Neg AST2)- 30 kits c.) ASEN (Gram Pos AST)- 50 Kits d.) GNID (Gram Neg ID)- 50 kits			
			e.) GPID (Gram Pos) ID- 50Kits Laptop/PC desktop compatible to AST software Processor: i7-12th Gen / R7 Zen3+(RDNA2 based) or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 (license) Class pU combination Floatendo (20 pcs)			
			Glass pH combination Electrode (20 pcs) Material: Lead free Glass with Built-in Temperature Compensation Sensor: Junction: Ceramic Reference: Long-Life Electrolyte: 3M KCL Length: 120mm Diameter: 12mm Membrane Shape:cylindrical Membrane Resistance: <150MΩ Range: 0 to 14 pH Temp. Range: -5 to 100°C (23 to 212°F) Connector: BNC			
			with Authorized or Exclusive Distributorship Certificate Delivery Site:			
2	25-00-005	LSD	BSWM Central Office Compound Microscope	1	unit	
	23-00-005	<u> ЦЭ</u> Д	Specifications:			
			Observation Method: Brightfield, Darkfield			
			Optical System: Infinity optical system Illumination System: Built-in transmitted illumination system, fixed Köhler illumination, LED lamp Eyepiece: 10x, 20mm, antifungal			
			Focusing: Stage height movement (coarse movement stroke: 15 mm), Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper, Torque adjustment			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			for coarse adjustment knob, Fine focus knob (minimum adjustment gradations: 2.5 μm)			
			Objectives: Infinity Plan achromat, anti-fungal, 4X, 10X, 40X, 100X			
			Revolving nosepiece manual with standard			
			(4-5 positions) Manual stages with right-hand control			
			built-in X:76mm, Y:52mm			
			Condenser: Abbe condenser NA 1.25 with oil immersion (4X-100X)			
			Inclusions: - Microscope Cover, Manual & Power Cord - 8-9in screen tablet (at least 128gb storage) with compatible keyboard - with trinocular head, compatible camera (12MP or above) and camera adapter - consumables for 50-100 microscope specimens (immersion oil, microscope slides, slide storage box, cover slips, gram staining kit, staining rack and NIST traceable slider micrometer)			
			 with 1 year warranty on parts and services training for at least 2 end users 			
			Delivery Site: BSWM Central Office			
3	25-00-005	LSD	Automated Colony Counter	2	units	
			Specifications:			
			Software & Analysis Colony Counting Accuracy: ≥98% Counting Modes: Fully automatic with manual control to add and subtract colonies and can differentiate colonies by color, shape, and size Data Export format: CSV, Excel, PDF, LIMS connectivity User Interface: Touchscreen-compatible with intuitive controls or computer controlled Connectivity: USB, Wi-Fi, and LIMS connection ready			
			Operation:			
			Power Supply: 220-240V AC, 50/60Hz Operating Temperature: up to 35°C Compatible Petri Dish Sizes: 55 mm to 90 mm diameter			
			In compliance with 21 CFR Part 11 and adheres to international standards for microbiological testing such as ISO 7218, AOAC 977.27 or equivalent			
			Inclusion: - software for automatic colony counting - compatible ink tank printer with 1-2 ink bottle per color (black, cyan, magenta, yellow) - at least 3 validation plates and conformity certificate			
			 - 3 year warranty on parts, services and software updates - user training for machine operation at manufacturer's site (at least 2 pax) 			



PR Number	End User	Item	Qty	Unit	Statement of Compliance
		Laptop compatible to automated counter software Processor: Intel i5, 2.8 GHz Quad-Core or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 (license) with Authorized or Exclusive Distributorship Certificate			
		Delivery Site: BSWM Central Office			
25-00-005	LSD	Microbial Air Sampler	1	unit	
		Specifications: Airflow rate: at least 100L/min Flexible adjustment of volume flow and the sample volume Rotating plate holder with adjustable rotation speed Adjustable timer with delayed activation mode Rechargeable battery Replaceable attachment Can be use for 90mm petri plates Inclusion: Accessories and consumables such as battery charger, compatible stainless steel heads and plates Traceable Calibration Certificate at least 1 year warranty for parts and services User training for machine operation (at least 2 pax) Delivery Site:			
25-00-005	LSD	Delivery Site: BSWM Central Office Homogenizer (Laboratory Blender)	1	unit	
		Specifications: Suitable for mixing of solid and liquid sample Suitable for volume sample sizes from 50ml to 400ml Adjustable timer settings:1-99 mins 59 sec or continuous operation Adjustable speed that can attain both 400rpm and 600rpm Electricity: 220-240V (50-60Hz) Inclusion: Power Cable, homogenizing rack and 500 standard homogenizing bags at least 3 year warranty for parts and services Delivery Site:			
	Number	Number User Image: Second secon	NumberUserImage: View of the second	NumberUserLaptop compatible to automated counter software Processor: Intel 15, 2.8 GHz Quad-Core or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 (license)with Authorized or Exclusive Distributorship CertificateDelivery Site: BSWM Central Office25-00-005LSDMicrobial Air Sampler1Specifications: artilow rate: at least 100L/minFlexible adjustment of volume flow and the sample volumeRotating plate holder with adjustable rotation speedRechargeable batteryRechargeable batteryReplaceable attachmentCan be use for 90mm petri platesInclusion: Accessories and consumables such as battery charger, compatible stainless steel heads and plates Traceable Calibration Certificate at least 1 year warranty for parts and services25-00-005LSDHomogenizer (Laboratory Blender)1Delivery Site: BSWM Central Office25-00-005LSDHomogenizer (Laboratory Blender)11Specifications:Suitable for nxing of solid and liquid sampleSuitable for nving of solid and liquid sampleAdjustable timer settings:1-99 mins 59 sec or continuous operationAdjustable ispeed that can attain both 400rpm and 600rpmAdjustable ispeed that can attain both 400rpm and 600rpmDelivery Site: <td>NumberUserLaptop compatible to automated counter software Processor: Intel IS, 2.8 GHz Quad-Core or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software microsoft Office 2021 [license]Image: Compatible to automated software microsoft Office 2021 [license]Image: Compatible to automated software microsoft Office 2021 [license]Image: Compatible to automated software microsoft Office 2021 [license]25-00-005LSDMicrosoft Office 2000Image: Compatible stainless steel heads and plates microsoft Office 2021 [license]Image: Compatible software microsoft Office 2021 [license]Image: Compatible software microsoftware microsoftware microsoftware microsoftware<</td>	NumberUserLaptop compatible to automated counter software Processor: Intel IS, 2.8 GHz Quad-Core or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software operating System: Windows 10 or higher MS Office: Microsoft Office 2021 [license]Image: Compatible to automated counter software microsoft Office 2021 [license]Image: Compatible to automated software microsoft Office 2021 [license]Image: Compatible to automated software microsoft Office 2021 [license]Image: Compatible to automated software microsoft Office 2021 [license]25-00-005LSDMicrosoft Office 2000Image: Compatible stainless steel heads and plates microsoft Office 2021 [license]Image: Compatible software microsoft Office 2021 [license]Image: Compatible software microsoftware microsoftware microsoftware microsoftware<



PR End Item **Statement of Compliance** Item Unit Qty Number User no. 2025-00 1 LSD **Sieve Shaker** 1 unit -0051 Specifications: Sieve Diameter: 3-4 inches Sieve Set: ASTM No. 10 (2.0mm) No. 18 (1.0mm) No. 35 (500 µm) No. 60 (250 µm) No. 140 (106 µm) No. 270 (53 µm) with cap and pan with 3-4 inches with Digital and adjustible timer and vibrating intensity Sieving time: capable 1-99 minutes with 0.1 sec accuracy compact and quite Power supply: 220 V (120 V with transformer),60 Hz 1ph with 1 year warranty on parts and services **Delivery Site: BSWM Central Office** 2025-00 2 LSD Particle Size Analyzer (Laser 1 unit -0051 Diffraction) Specifications: measure particle size distributions from 10nm up to 3.5mm Auto-alignment before every measurement sequential combination of measurements with red and blue light sources to measure across the entire particle size Include Soil Texture Software capable of identifying the type of soil classes and sand fraction automatically; aligned with USDA Soil Textural **Classication (bidder to provide** application note to the end user) Main System Specifications Particle size distribution: Suspensions, emulsions, dry powders Principle: Laser light scattering Analysis: Mie and Fraunhofer scattering Data acquisition rate: 10 kHz Typical measurement time: 5-25 sec **Optics** Red light source: Max. 4mW He-Ne, 632.8nm Blue light source: Max Nominal 10mW LED, 470nm Lens arrangement: Reverse Fourier (convergent beam) Effective focal length: max 300mm Size

Lot 5- Supply and Delivery of Various Soil Physics Laboratory Equipment



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Particle size: 10nm - 3.5mm			
			Number of size classes: atleast 100 (user adjustable)			
			Precision / Repeatability: Better than 0.5% variation			
			Reproducibility: Better than 1%		+ +	
			variation Software			
			Enables an operating mode that assists			
			with ER/ES compliance System compliance			
			Laser class: Class 1, IEC60825-1:2007			
			and CFR Chapter I: Sub-chapterJ: Part 1040 (CDRH)			
			Regulatory : Designed to meet RoHS and WEEE requirements CE / FCC / ICE5-003 / VCCI compliant and Designed			
			to meet C-Tick			
			System Supply voltage: 100/240V, 50/60Hz		+	
			Product storage temperature: -20°C to		+	
			+50°C (non-condensing)			
			Operational temperature range: +5°C to +40°C (non-condensing)			
			Accessories :			
			1 unit Wet Sample Dispersion unit			
			Compatible with 600mL and 1000mL laboratory beakers			
			40W in-line sonication probe, for rapid agglomerate dispersion			
			Dip-in centrifugal pump and stirrer design			
			Chemically compatible with a wide choice of organic and inorganic			
			dispersants Full software control of pump / stirrer			
			and sonication Integral sample tank light			
			Pump speed range : 0-3500 rpm		+	
			Pump speed resolution : +/- 10 rpm			
			Pump speed accuracy : +/- 50 rpm			
			Maximum flow rate : 1.7L/min			
			Materials in contact with sample : 316 stainless, Borosilicate glass, Tygon, FKM (cell seal only - FFKM available), PTFE, PEEK, Titanium Nitride			
			Standards: NIST traceable glass beads		1 1	
			Inclusions:			
			1 set Tygon tubes			
			1 set Lens			
			1 unit Desktop PC with printer			
			Processor: i7-12th Gen / R7 Zen3+(RDNA2 based) subject to change considering software compatibility			
			Storage: at least 500GB M.2 PCIe NVMe SSD			
			Memory: at least 16GB, DDR4 (upgradable)			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Operating System: Windows 10/11 Pro subject to change considering software compatibility			
			MS Office: Microsoft Office 2021 (license)			
			Printer specifications:			
			Can print up to Legal size (8.5 x 14 in), color, black			
			Can copy and scan up to A4 size, color, black			
			Has wireless capability			
			Has mobile printing capability			
			Print speed: Black - up to 8 ppm; Color - up to 5 ppm			
			Print quality: Black - up to 1200 x 1200 dpi; Color - up to 4800 x 1200 dpi			
			Copy speed: Black - up to 5 cpm; Color - up to 3 cpm			
			Copy resolution: up to 300 x 300 dpi			
			Scan resolution: up to 1200 dpi			
			Paper handling: Input - up to 60 sheets; Output - up to 25 sheets			
			Connectivity: Hi-speed USB; Built-in WiFi 802.11 b/g/n			
			200 - 240 VAC"		$ \downarrow \downarrow$	
			1 unit Automatic voltage regulator		+	
			1 unit Top loading balance			
			Capacity : 1200g			
			Readabily : 0.01g			
			Linearity : ±0.02 g			
			ISO 13320:2020 guide or equivalent latest version 5 bottles (500g) of Soil Reference			
			Material with Certificate of Analysis			
			Installation & Training :			
			On site installation and commissioning by factory-trained engineer and local operational training by application specialist			
			With End-User training for two (2) pax using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with the venue at the training facility			
			with Training at end-user's site using the same model of equipment for 2 pax or more			
			Warranty :			
			One (1) year on parts and two (2) years on service from the date of installation which include preventive maintenance during warraty period			
			with Authorized or Exclusive			
			Distributorship Certificate Delivery :		+	
			Supplier shall submit an Authorization		+	
			Certificate from the Manufacturer or the			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			authorized sole distributor of the same brand in the Philippines			
			Delivery Site:			
			BSWM Central Office			
	2025-00 -0051	LSD	Aggregate Stabilizer	3	units	
			Specifications:			
			Application: Wet Seiving Method			
			8 sieve cups with diameter: 39x39mm and sieve surface of 10.2 cm			
			16 Stainless steel sieve cans diameter 64x45 mm with mouth-fitted lids Inclusions:			
			Sieve sets (ASTM) : No. 10, 20, 40, 60, 120, 200 100-240 VAC 50/60Hz adapter			
			Maximum number of Samples: 8			
			Measuring range: 0-100%			
			Power supply: 220 V,60 Hz 1ph			
			with Local Training for end-users			
			Delivery Site: BSWM Central Office			
4	2025-00 -0051	LSD	MIXER MILL	1	unit	
			Specifications:			
			Voltage: 230 VA, 60 Hz			
			Dimension: 21 in. (53 cm) x 22 in. (56 cm) x 14 in. (36 cm)			
			Weight: 80 lbs. (36 kgs)			
			Clamp Speed: 1060 cycles/minute (115 V) or 875 cycles/minute (230 V) . Alternate pulley supplied with 230V model for 1060 cpm operation			
			Motor: 1/3 hp, 1725 RPM @ 60 Hz			
			Clamp Movement: 2 1/3 in. (5.9 cm) back-and-forth, 1 in. (2.5 cm) side-to-side			
			CE Approved: Yes			
			Accessories included: Tungsten Carbide Vial Set			
			55 mL vial set, 2 1/4 in. diam. x 2 1/2 in. long (5.7 cm x 6.35 cm). Tungsten carbide-lined body, 2 tungsten carbide-lined aluminum caps, two 7/16 in. (11.2 mm) tungsten carbide balls and			
			8 corprene gaskets. Features:			
			1. Steel housing protects the clamp mechanism and rugged construction ensures a long life of heavy work.			
			 2. Forced air cooling fan. 3. Equipped with safety interlock system for operator protection. 			
			4. Shock-mounted electric motor for tabletop operation.			
			5. Clamp swings back-and-forth with a short lateral "figure-8" movement.6. Timer is factory-set for 100-minute			
			range. Optional chip is available to			

Item	PR	End	Item	Qty	Unit	Statement of Compliance
no.	Number	User				
			extend timer range to 175 hours (10,500 minutes).			
			With at least one (1) year warranty on parts and service and two (2) years free Preventive Maintenance Service			
			with Authorized or Exclusive Distributorship Certificate			
			With End-User training (No. of pax: At least 3 pax) using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with venue at manufacturer's training facility			
			Delivery Site: BSWM Central Office			

Lot 6- Supply and Delivery of CNS Analyzer

	PR	End	Item	0.4	Unit	Statement of Compliance
Item no.	Number	User	item	Qty	Unit	Statement of Compliance
	2025-00- 0051	LSD	CNS Analyzer	1	unit	
			Specifications:			
			Configuration: CNS			
			Sample weight: capable of analyzing 0.1 - max 100mg soil samples.			
			Balance required: Microbalance			
			Operating Principle: Combustion (Modified Dumas Method), followed by a reduction process, GC separation, and detection by thermal conductivity detector (TCD)			
			Automatic sample carousel samples or position: min and max: 32 position tray (MIN), upto 4 trays (125 position or more)			
			Detector Type: TCD			
			Gas Handling and Gas Separation: separation with Gas Chromatography (GC) column			
			Mass Flow Controller/ Electronic flow controller Type : Thermal regulated Electronic Flow Controller Module (EFCt)			
			Gases Required: Helium (He) with 99.995% purity and Oxygen (O2) with 99.5% or better, Argon (optional gas)			
			Standard Accessories and Consumables:			
			Spatula NA 2000			
			1 unit - Autosampler			
			2 set- Aspartic Acid Standard for NC Analysis 10g per bottle, NIST Traceable with Certificate of Analysis			
			3 bottles of Sulfanilamide Standard for NCS Analysis 2g per bottle, NIST Traceable with Certificate of Analysis			



Item no.	PR Number	End User	ltem	Qty	Unit	Statement of Compliance
			2 sets - Standards for combustion analysis inclusive (NIST traceable) - Set of 7 soil standards Contains 1 of each of the following B2176, B2180, B2182, B2184, B2186, B2188, B2189 and Soil NC			
			Reference Material			
			5 bottles of Vanadium Pentoxide, 1g, 90-99.9% Purity 2 BBOT STANDARD CHNS (2 g)			
			2 set - Kit 1000 Analyses CHNS / NCS / S with Pre-packed Quartz Reactor contains the following: -Tin Containers Megabox (set of 1000) -Quartz Wool (5 g) -Magnesium Perchlorate (Anhydrone) (100 g)(only for NCS/S det.) -Vanadium Pentoxide (1 g) -Pre-Packed 18 mm OD Quartz Reactor CHNS/NCS/S			
			1 set - Kit for Total Organic Carbon (TOC), includes: • Silver sample containers (set of 100) • Sample holder plate • Electric heater • Syringe 100 uL (function with or without syringe)			
			Soft Silver Containers for CNS Analysis (Set of 1000)			
			1 unit - Microbalance Balance required: Microbalance Max capacity: 1.2 g / 3.1 g Readability: 0.001 mg / 0,01 mg Repeatability at nominal (sd): 0.001 mg / 0.006 mg Typical Repeatability: (200 mg): 0.0008 mg Linearity deviation (test load): 0.02 mg (0.5 g) Minimum weight (200 mg, K=2, U=1): 0.2 mg Typical setting time: <8 sec 1 set -complete accessories for CNS			
			Analyzer including spare o-rings, sample holder, cleaning device/ash removal for quartz reactor and crucible, forceps, spatula, and others that are essential for operation and CNS analysis 5 sets - Helium Gas (UHP Grade) with			
			tank 3 sets - Oxygen Gas (UHP Grade) with tank			
			2 units - Gas Lines(provision for 10 meters or more)			
			Desktop PC unit with printer and UPS			



Item	PR	End	Item	Qty	Unit	Statement of Compliance
no.	Number	User	1 ant many attailed a many and and			
			1 set remote data management			
			system • Laptop			
			• Tablet			
			1 Dual Stage He or Ar Gas Regulator			
			1 Dual Stage O2 Gas Regulator			
			1 Compressed Air Regulator			
			1 6KVA True-on-Line UPS, 220VAC 50/60Hz			
			Includes delivery, installation and commissioning onsite by Service Engineer and onsite Comprehensive			
			Training by Applications Chemist			
			With at least one (1) year warranty on parts and service and two (2) years free Preventive Maintenance Service			
			With End-User training (No. of pax: At least 4 pax) using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with venue at manufacturer's training facility			
			with Authorized or Exclusive Distributorship Certificate			
			Delivery Site: BSWM Central Office			

Lot 7- Supply and Delivery of Various Equipment for Calibration

Item	PR Number		Item		Unit	Statement of Compliance
no.		User				
1	2025-00-00 51	LSD	Metrology Instruments	1	unit	
			Specifications			
			1 unit - Calibration Climatic Chamber			
			Type: bench-top temperature and humidity test chamber			
			Temperature range: -40 to 150 °C			
			Temperature fluctuation: ±0.5 °C			
			Temperature Resolution: 0.01°C			
			Cooling rate:			
			150 to 25°C (1 to 2°C /min)			
			25 to -40°C (0.7 to 1°C /min)			
			Heating rate: 3 to 5°C /min			
			Temperature Uniformity:			
			±1.0 °C (-40 to 100°C)			
			±1.5 °C (100.1 to 150°C)			
			Humidity Range: 20.0%RH to 98%RH			
			Humidity Fluctuation: ±2.0%RH			
			Humidity Uniformity: ±3.0%RH			
			Humidity Resolution: 0.1%RH			
			Internal Material: SUS304 stainless steel (1.2mm)			
			External Material: cold-rolled plate (1.2mm), powder coating			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Heat insulation: polyurethane foam (100mm) + glass wool (10mm)			
			Fan: centrifugal fan (impeller fan)			
			Refrigeration compressor: hermetic compressor			
			Cooling mode: air cooling			
			Refrigerant: R404A/R449A			
			Evaporator: finned-tube exchanger			
			Heater: nickel chrome strip heater			
			Humidifier: steam humidifier			
			Observation Window: multi-layer hollow tempered glass belt with automatic defrosting function, which can guarantee the frost-free and			
			condensation of the glass surface during any test			
			Sample Rack: Stainless steel sample holder 2 layers, height is adjustable, load-bearing (uniform): 40kg/layer			
			Water Storage Tank Capacity: 15L			
			Display: TFT color LCD display			
			Communication: Ethernet, RS485, RS232 interface			
			Interior Size mm (WxHxD): at least 300x300x250			
			Exterior Size mm (WxHxD): at least 480x835x990			
			Power Supply: 220V/AC 50/60Hz 12 A			
			Inclusions:			
			One (1) year warranty on parts and services additional inclusion: 2 tables for the unit extension cable for the RH probe of the reference standard Free PMS within warranty period			
			Training for four (4) end users at Manufacturer's Training Site, inclusive of all expenses with Authorized or Exclusive			
			Distributorship Certificate Delivery Site:			
			BSWM Central Office			
2	2025-00-00 51	LSD	Anemometer	2	units	
			Specifications:			
			Real time data logger, save the data into the SD memory card and can be downloaded to the Excel			
			Air velocity : 0.2 to 25.0 m/s, high precision for low air velocity measurement.			
			Air flow : CMM, CFM.			
			m/s, ft/min, km/h, knots, mile/h, oC/oF.			
			Humidity : 5 to 95 %RH			
			Dew point, Wet bulb.			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Type K Thermometer : -100 to 1300 oC, oC/oF.			
			Type J Thermometer : -100 to 1200 oC, oC/oF.			
			Data hold, Record (Max., Min.).			
			Complete set with two probes : Hot wire anemometer probe and Humidity/Temp. probe.			
			RS232/USB computer interface. with ISO/IEC 17025 Calibration			
			Certificate Training for End user			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
3	2025-00-00 51	LSD	Tachometer	2	units	
			Specifications:			
			Laser Photo & contact tachometer in one meter			
			Fast sampling time for low contact RPM measurement, automatic reverse display.			
			Photo Tach. : 10 to 99,999 RPM			
			Contact Tach. : 0.5 to 19,999 RPM.			
			Surface speed : m/min, ft/min.			
			with complete standard accessories			
			with ISO/IEC 17025 Calibration Certificate			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
4	2025-00-00 51	LSD	Distance Meter	2	units	
			Specifications:			
			Measurement Range: 2" to 330ft (0.05 to 100m)			
			Accuracy: ±0.08" (±2mm)			
			Resolution: 0.0", 0.00ft, 0.000m			
			Area calculation: 99,999ft ² , 99,999m ²			
			Volume calculation: 99,999 ft ³ , 99,999 m ³			
			with ISO/IEC 17025 Calibration Certificate			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
5	2025-00-00 51	LSD	Precision Thermohygrometer	1	unit	
			Specifications:			
			Operating Range: 32 to 122°F (0 to 50°C); 0% to 100% RH			
			Temperature Accuracy: ±0.125°C from 16 to 24°C			



ltem no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			RH Accuracy: ±1.5% RH from 20 to 70% RH			
			Resolution: User selectable up to 0.01%			
			on front-panel display (0.1% recorded)			
			with ISO/IEC 17025 Calibration			
			Certificate			
			Training for End user			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
6	2025-00-00 51	LSD	Metrology Instruments (Mass Calibration Reference Standards)	1	unit	
			Specifications			
			4 units - Class F1 Test Weights			
			Material: 304 Stainless Steel			
			Level: Class F1			
			Weight range: 1mg-1kg			
			Package Contents:			
			25pcs Weights			
			1x 1000g			
			1x 500g			
			2x 200g			
			1x 100g			
			1x 50g			
			2x 20g			
			1x 10g			
			1x 5g			
			2x 2g			
			1x 1g			
			1x 500mg			
			2x 200mg			
			1x 100mg			
			1x 50mg			
			2x 20mg			
			1x 10mg			
			1x 5mg			
			2x 2mg			
			1x 1mg			
			1x Plastic Tweezer			
			1x Wood or Aluminum Alloy Case			
			1x Cleaning Cloth			
			with ISO/IEC 17025 Calibration			
			Certificate			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
7	2025-00-00 52	LSD	IR and Contact Thermometer	30	pcs	
			Temp Range			
			Infrared: -50°C to 1600°C (-58°F to 2912°F)			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Thermocouple: -50°C to 800° C (-58°F to 1472°F)			
			Temp Resolution: 0.1°C (0.1°F)			
			Optical Resolution: 20:1/30:1/ 50:1 Distance to Spot Size Ratio			
			Emissivity: Adjustable 0.10 to 1.00			
			Laser Power: Class 2 (<1mW)			
			Power: 9V battery (included), auto power off after 7sec., lock feature			
			with ISO/IEC 17025 Calibration Certificate			
			Delivery Site: BSWM Central Office			
8	2025-00-00 52	LSD	Test Weights (Class F1)	40	pcs	
			Material: 304 Stainless Steel			
I			Level: Class F1			
			Product Weight: 6.6 lbs / 3 Kg			
			Weight range: 1mg-1kg			
			Package Contents:			
			25pcs Weights			
			1x 1000g			
			1x 500g			
			2x 200g			
			1x 100g			
			1x 50g			
			2x 20g			
			1x 10g			
			1x 5g			
			2x 2g			
			1x 1g			
			1x 500mg			
			2x 200mg			
			1x 100mg			
			1x 50mg			
			2x 20mg			
			1x 10mg			
			1x 5mg			
			2x 2mg			
			1x 1mg			
			1x Plastic Tweezer			
			1x Aluminium Alloy Case			
			1x Cleaning Cloth			
			with ISO/IEC 17025 Calibration Certificate			
			Delivery Site: BSWM Central Office			
3	2025-00-00 51	LSD	Thermohygrometer (with Barometer)	30	units	
			Specifications:			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Measures ambient temperature, relative humidity and atmospheric or barometric pressure			
			Displays measurement values in real time on the large LCD screen			
			Saves recorded data to the included SD card as an Excel-compatible .XLS file			
			Offers selection of pressure units: hPa, mmHg or inHg			
			Features a low battery indicator			
			Allows measurement quota to be freely adjusted			
			Easy to use with large keys and a user-friendly interface			
			Comes with a solid, protective carrying case			
			Manufacturer calibrated			
			with ISO/IEC 17025 calibration certificate Temp: 16, 20, 24 deg C RH: 30, 40, 50, 60			
			Training for End user			
			at least 1 yr warranty on parts and service			
			Delivery Site: BSWM Central Office			
4			Digital Thermohygrometer with Probe -With "In and Out" readings -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	10	pc	
			Delivery Site: BSWM Central Office			



Item	PR Number	End	Item	Qty	Unit	Statement of Compliance
no.		User				
5			Digital Thermohygrometer -Min/Max memory, memory clear, °F/°C switchable, 12/24-hour clock -At the touch of a button, memory recalls the highest and lowest temperature and humidity readings -0.01% accuracy Humidity Range: 20 to 90% RH 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	10	pc	
			Delivery Site: BSWM Central Office			



Item no.	PR Number	End User	ltem	Qty	Unit	Statement of Compliance
1	2025-00-0 052	LSD	Datalogger	3	рс	
			Specifications:			
			Data logger with GSM mobile			
			communication ready			
			5 channels for temperature/humidity sensors; 15 channels for solenoid valve			
			1 channel for solar radiation sensor			
			1 extra channel			
			Memory approx. 35000 readings			
			heavy duty logger assembly			
			download cable			
			battery operated with extra batteries, manual and warranty			
2	2025-00-0 052	LSD	Automatic Rain Gauge	1	рс	
			Specifications:			
			Tipping Bucket Type with Datalogger/recording raingauge, and wired display			
			Range up to 9.99" of rain (1/100" or 0.01 each tip of the bucket			
			Dimension 8" diameter collector			
			Battery operated rain logger with 1-minute time/date stamp resolution			
			data can be displayed in text and graphical formats			
			60 ft wire cable, USB cable, software, manual and service warranty			
3	2025-00-0 052	LSD	Solar Radiation (Pyranometer)	1	pc	
			Specifications:			
			10V~30V DC			
			Spectral range of 0.3~3micrometer			
			Measuring range 0-2000W/sq m			
			Resolution 1W/sq m; accuracy +/- 3%			
			Working condition -40°C~60°C			
			Sensitivity 7~14microV•W-1•sq m			
			Sensitivity 7~14microV•W-1•sq m			
4	2025-00-0 053	WRM D	Soil Moisture Meter			

Lot 8- Supply and Delivery of Various Environmental Monitoring and Field Equipment



Item	PR	End	Item	Qty	Unit	Statement of Compliance
no.	Number	User	- Three-probe concor	16	unit	
			 Three-probe sensor Dielectric measurement frequency (70MHz) Volumetric Water Content (VWC): Using Top equation: ±0.03m3/m3 (±3% VWC) typical in mineral soils that have solution electrical conductivity < 10dS/m Using medium specific calibration: ±0.01 - 0.02m3/m3 (±1-2% VWC) in any porous medium Temperature: ±1°C VWC Resolution: 0.0008m3/m3 (0.08% VWC) from 0 to 50% VWC 0.25% VWC (rockwool) Electrical Conductivity Range: 0 to 23 dS/m (bulk) Temperature Range: -40°C to 50°C Dimensions Range: 10 x 3.2 x 0.7cm Cable: 5m, customized cabling with waterproof connector, 3-pin Measurement: 150 ms Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SDI-12 Warranty 2 years 	16	unit	
5	2025-00-0	LUPE	Semi-Technical and Scientific			
	136	Z	Equipment			
			Grain Moisture Meter Overall Dimension - H:80mmxL:160mmxW:117mm Test Chamber Dimension - D:70mmxL:92mmxW:35mm Weight - 480g (with batteries) Color - Dark Gray Finish - Sanded Surface Power Supply - 4pcs AA Battery Test Sample Quality - Palay:150g; Corn:150g Measurement Range - Palay:9% to 36% MCwb; Corn:9% to 36% MCwb Repeatability - 99% Resolution - 0.1% MCwb Accuracy - ±0.5% MCwb	1	pc	
			Place of Delivery:			
			BSWM-NSWRRDC LUPEZ, San			
			Ildefonso, Bulacan Monday-Friday Only			
			8:00 A.M to 5:00 P.M			
6	2025-00-0	HILL	MOISTURE METER for Compost	2		
	055	PEZ				
			Handheld/portable, heavy duty			
			Measuring system: resistance			
			measurement Accuracy: ±0.5% (40 to 70%)			
			Resolution: 0.1%			
			Function: 3 1/2-digit LCD			
			Mean value display			
			Automatic temperature compensation			



Item no.	PR Number	End User	Item	Qty	Unit	Statement of Compliance
			Main body: 62 (W) x 148 (H) x 24 (D) mm			
			Sensor probe: 10 mm diameter x 800 mm (L)			
			Sensor cable: 0.8 m (L)			
			With warranty certificate			
			Delivery Site: BSWM Central Office, Diliman, Quezon City, 1st week of March 2025			
7	2025-00-0 051	LSD	Soil Nutrient Scanner	2	units	
			Light weight and durable			
			Provides an analysis within minutes			
			Dimensions: approx. 152 x 84 x 52 mm			
			IP Class: IP 65			
			Spectral Range: ~ 1400 - 2500 nm			
			Spectral wavelength resolution : 1% of wavelength			
			Speed (time to result) : 1-3 seconds			
			Cooldown time (after measurement): typ. 3 seconds			
			Power Input (for charging): USB PD with 15 VDC, max. 2.75 A * via USB Type C connector			
			USB-Connection (for stationary use): USB 2.0 communication via USB Type C connector			
			Wireless Connection (for handheld use): wireless low energy via integrated antenna			
			Battery Type: rechargeable lithium ion battery			
			Nominal Voltage: 11.1V			
			Nominal capacity: 2600 mAh			
			Inclusions:			
			App (available to download on IOS or Android)			
			Valid license to use the app			
8	2025-01-0 187	SSD	Soil Hardness Meter	4	рс	
			(Measuring range-0 – 40mm (0 – 49MPa); Cone angle-25 ° 20'; Strength of spring-78.4N/40mm; Outside dimensions-L225mm x diam.40mm; Weight-250g; Total weight-Approx370g; includes case)			
9	2025-01-0 187	SSD	Digital Soil Moinsture Meter	4	рс	
			Measurement Range: 0 to 50% moisture content on soil.			
			Resolution: 0.1 %			
			Accuracy: ± (5 % + 5 d) F.S. @ 23 ± 5 , F.S. : full scale			
			Circuit Custom one-chip of microprocessor LSI circuit			
			Probe: 2 pins moisture electrode.			
			Data Hold: Freeze the display reading			





Item	PR	End User	Item	Qty	Unit	Statement of Compliance
no.	Number	User	Sampling Time: Approx. 0.8 second.			
			Operating Temperature: 0 to 50 . °C			
			Operating Humidity: Less than 80% R.H.			
			Power Supply: DC 1.5 V battery (UM4/AAA) x 4 PCs			
			Power Current: Approx. DC 5 mA			
			Weight: at least 267 g/ 0.58 LB. @ Battery is included.			
			Dimension: Meter body:172 x 40 x 40 mm (6.8" x 1.6" x 1.6") Probe body: 202 mm x Dia. 10 mm, 8" x Dia. 0.4" Total length (meter + probe) : 374 mm (14.7 ")			
			*Instruction Manual Included			
10	2025-01-0 187	SSD	Core Cylinder	5	set	
			I.D.diam.50 x 51mm			
			Material: Stainless Steel 304			
			Quantity: 6pcs with a cloth case			

Lot 9- Supply and Delivery of Core Sampler Set with sampling tubes

Item	PR	End User	Item	Quant	Unit	Statement of Compliance
no.	Number			ity		-
1	2025-00-0	LSD	Core Sampler Set with sampling	13	units	
	051		tubes			
			Specifications:			
			Soil Sample Shoe			
			Handle with beating head			
			Hammer with nylon			
			1 Brush and 3 knife set			
			Case (plastic)			
			17 sets Sampling tube (100ml)			
			Dimensions: I.D.diam.50 x 51mm			
			Material: Stainless steel 304			
			Quantity: 6 pcs. with 2 lids in a cloth			
			case per set			
			Inclusions			
			2 pcs Shovel			
			Tip: Round Shape			
			Material: Stainless steel			
			weight: ≤220 grams			
			Accessories: Waist band leather case			
			2pcs Munsell Soil Color Chart			
			10R, 10YR, 2.5Y, 2.5YR, 5Y, 5YR, 7.5YR			
			10Y-5GY Colors - Olive green			
			Gray 1 and 2 (2 separate charts)			
			5R individual soil chart			
			7.5R individual soil chart			



Item	PR	End User	Item	Quant	Unit	Statement of Compliance
no.	Number			ity		-
			"New" White page , 7.5R, 10YR, and			
			2.5Y			
			10Y and 5GY soil chart for glauconitic			
			soils			
			5R soil chart for Australia and			
			Southeast Asia			
			7.5R soil chart for tropical and			
			semi-tropical soils			
			- Laminated Hard Cover, Glossy, Ring			
			Binded Cover &			
			Sheets			
			With openings in between chips to			
			allow easy visual			
			comparison with soil samples.			
			Color ships are mounted on neutral			
			gray.			
			-Water-resistant sheets/pages			
			with 1 year warranty on parts and			
			services			
			with Authorized or Exclusive			
			Distributorship Certificate			
			Delivery Site:			
			BSWM Central Office			



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
	2025-00-0 051		NSHP					
			Horizontal Reciprocating shaker	3	units		420,000.00	1,260,000.00
			Specifications:					
			Motor DC 250W					
			Shaking type : Horizontal/vertical					
			Speed 0~350 rpm					
			Stroke 40 mm					
			Timer 0~60 min.					
			Control Step-less speed adjust system					
			Size: minimum 430 x 430 x 580 mm					
			Weight (kg): minimum 59					
			Funnel holder (ml x pcs) : 100 x 6 200 x 6 300 x 4 500 x 4 1000 x 3					
			with accessories:					
			Funnel Holder 100ml up to 1000ml					
			Triangular Flask Holder					
			Centrifuge Tube Holder					
			Test Tube rack Holder					
			with 3 years warranty					
			with PMS and service visits within warranty period					
			with ISO 17025 Calibration Certificate					
			with Local Training for end-users					
			with Training at end-user's site using the same model of equipment for 2 pax or more					
			Delivery Site: BSWM Central Office					
2	2025-00-0 051	LSD	Top Loading Balance	2	units		100,000.00	200,000.00
			Capacity: maximum 620g					
			Readability: 0.01g					
			Repeatability: 0.01g					
			Linearity: 0.02g					
			Operating Ambient Temperature: 15-35 <u>+</u> °5					
			Temperature Coefficient Sensitivity (ppm/C): ±5					
			Pan Size (mm) approx.: 190x190 mm ±15					
			Power requirement: AC adaptor (DC12-220V, 1A)					
			with ISO/IEC 17025 Calibration Certificate					
			at least 1 yr warranty on parts and service					
			Delivery Site: BSWM Central Office					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
3	2025-00-0 051	LSD	Digital Burette, continuous	3	units		75,000.00	225,000.00
			Specifications:					
			Nominal Volume: 50 mL					
			Accuracy in % (±): 0.06-0.20%					
			Coefficient Variation = = 0.1%</td <td></td> <td></td> <td></td> <td></td> <td></td>					
			Accessories:					
			telescoping filling tube					
			recirculation tube					
			batteries					
			3 PP bottle adapters (GL 45/32, GL 45/S 40, GL 32/NS 29/32)					
			2 amber colored light shield inspection windows					
			Operation Manual, performance certificate					
			with ISO Calibration Certificate					
			with 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
4	2025-00-0 051	LSD	Desiccator Cabinet	3	units		500,000.00	1,500,000.00
			Specifications:					
			Synchronized display of temperature and humidity					
			Adjustable humidity value 15~50%RH					
			Temperature display accuracy $\pm 1^{\circ}\!\!\mathbb{C}$					
			Humidity display accuracy ±3%RH					
			PPS fireproof plastic host with heat resistance up to 230 $^\circ\!\!{ m C}$					
			Passed CE international certification					
			Volume (liters): 1250 min					
			Number of doors: 6					
			with ISO Calibration Certificate					
			with 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
			Subtotal of 2025-00-0051-LFP-NSI	HP		•		3,185,000.00
			PD 1435					
5	2025-00-0 051	LSD	pH meter	1	unit		105,000.00	105,000.00
			Specifications:					
			pH					
			Range: -2.00 to 16.00 pH					
			Resolution: 0.1/0.01/0.001 pH					
			Accuracy: ±0.002	1				
			Cal. Points: Up to 5	1				
			Buffer Sets: NIST	1				
			Buffer 4.00, 7.00, 10.00, 12.45, 1.68 500 mL per bottle with CoA (NIST Traceable)					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Temperature					
			Range (Meter): 0.0 to 100.0 ºC / 32.0 to 212.0 ºF					
			Resolution: 0.1 ºC / 0.1 ºF					
			Accuracy: ±0.3 ºC / ±0.5 ºF					
			Compensation: ATC					
			Power Requirements: 9-20 V DC adapter, 1.3 A					
			(100/240 VAC, SMPS)					
			Accessories:					
			Integral Electrode Holder & 100/240 VAC Adapter					
			pH Electrodes, ATC probe					
			4, 7, 10 pH buffer standards					
			ISO Calibration Certificate					
			with 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
6	2025-00-0 051	LSD	EC meter	1	unit		105,000.00	105,000.00
			Specifications:					
			Conductivity					
			Range: 0.050 μS to 500.0 mS					
			Resolution: 0.01 / 0.1 μS ; 0.001 / 0.01 / 0.1 mS					
			Accuracy: ±1 % full scale					
			Cal. Points: Up to 5					
			Cell Constant: 0.010 to 10.000					
			Temperature					
			Range (Meter): 0.0 to 100.0 ºC / 32.0 to 212.0 ºF					
			Resolution: 0.1 ºC / 0.1 ºF					
			Accuracy: ±0.3 ºC / ±0.5 ºF					
			Coefficient (Per ºC): Linear & pure ; 0.000 to 10.000 %					
			Normalization: 15.0 to 30.0 ºC / 59.0 to 86.0 ºF					
			Compensation: ATC					
			Power Requirements: 9 V DC adapter, 1.3 A (100/240 VAC, SMPS)					
			Inclusions:					
			EC Electrodes					
			EC buffer standards					
			111.8 uS/cm 12880 uS/cm 1413 uS/cm 147 uS/cm 84 uS/cm with COA (NIST Traceable) 500 mL per bottle					
			ISO Calibration Certificate					
			with 1 year warranty on parts and services					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
			Delivery Site: BSWM Central Office					
	1		Subtotal of 2025-00-0051- RD-PE))		1 1		210,000.00
7	2025-00-0 052	LSD	Variable Volume Pipettor	37	pcs	30,000.00		1,110,000.00
			Specifications:					
			Volume: 1000-10,000 μl					
			Chemically resistant					
			Adjustable, interchangeable, easy-grip ejector					
			Volume can be adjusted from the thumbwheel or the plunger button					
			Fully Autoclavable					
			Interior is made of plastic polymer or from corrosion resistant material.					
			with carousel, 1000 pipette tips per unit					
			with ISO/IEC 17025 Calibration Certificate					
			with 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
8	2025-00-0 052	LSD	Vortex Mixer	40	рс	40,000.00		1,600,000.00
			Specifications:					
			Construction material: zinc alloy and technopolymer/ Aluminum cast ion / ABS plastic housing material or equivalent					
			Support system: 4-8 anti-sliding feet					
			Orbital diameter: 4.0-4.5 mm					
			Speed setting: analog (knob)					
			Speed control: analog (knob)/DC motor					
			Speed: up to 3000 rpm					
			Operating modes: touch, continuous					
			Electronic protection degree CEI EN 60529: IP32- 42					
			Power (max): 6-15 W					
			Weight (min): 2.7-6.5 Kg					
			with 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
9	2025-00-0 052	LSD	Bottletop Dispenser	30	рс	49,000.00		1,470,000.00
			Specifications:					
			Capacity: 5-50 mL					
			Subdivision/Graduation: 1mL					
			Accuracy: <= +/-0.5%					
			Precision/Coefficient Variation: <= 0.1%					
			with container bottle and adapters					
			with recirculation and discharge valve					
			with 1 year warranty on parts and services					
			with ISO/IEC 17025 Calibration Certificate					





Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Delivery Site: BSWM Central Office					
10	2025-00-0 052	LSD	Digital Titrator	30	рс	49,000.00		1,470,000.00
			Specifications:					
			Nominal Volume: 50 mL					
			Accuracy in % (±): 0.02-0.06%					
			Ассигасу in µl (±): 30-100 µl					
			Coefficient of variation (%): 0.01-0.02 %					
			Coefficient of variation in µl: 10-50 µl					
			Accessories:					
			telescoping filling tube					
			recirculation tube					
			batteries					
			3 PP bottle adapters (GL 45/32, GL 45/S 40,					
			GL 32/NS 29/32) 2 amber colored light shield inspection					
			windows					
			Operation Manual, performance certificate					
			with 1 year warranty on parts and services					
			with ISO/IEC 17025 Calibration Certificate					
			Delivery Site: BSWM Central Office					
11	2025-00-0 052	LSD	Magnetic Stirrer	12	рс	49,000.00		588,000.00
			Specifications:					
			Stirring quantity max. per stirring position (H2O): 20 L					
			Speed display set-value: LCD/LED (digital)					
			Speed control: Turning knob/stirrer knob					
			Speed range: 30±20 - 1500±500 rpm					
			Setting accuracy speed: 1-10 rpm					
			Heat output: 600-1000 W					
			Heat control: Turning knob (Temp button /heater knob)					
			Temperature setting range: up to 350°C or higher					
			Voltage: 220-230 / 115 / 100 V					
			Frequency: 50/60 Hz					
			Power input: up to 1050 W					
			with 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
	•		· · · · · · · · · · · · · · · · · · ·		Subto	otal of 2025	-00-00521	6,238,000.00
	2025-01- 0190	LSD						
			Soil Chemistry					
12			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	1	рс	26,700.00		26,700.00
			adapters, suitable for most reagent bottles					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
			Delivery Site: BSWM Central Office					
13			Bottle top dispenser, 5-50 mL, Laboratory Grade; Acid and Alkali Resistance; Double Valve (Safety Valve) to avoid the waste of solution;Equipped with multiple screw adapters, suitable for most reagent bottles	2	рс	23,300.00		46,600.00
			Delivery Site: BSWM Central Office					
			Subtotal of 2025-01-0190 Lot 1					73,300.00
			GRAND TOTAL					9,706,300.00

Lot 2- Supply and Delivery of UV-Vis Spectrophotometer

Item	PR Normalia and	End	Item	Qy	Unit	MOOE	СО	Total Cost
no.	Number	User					4 500.00	4 500 000 00
1	2025-00- 0051	LSD	UV-VIS Spectrophotometer w/ computer and printer	1	units		1,500,00 0.00	1,500,000.00
	0001		Specifications:				0100	
			Photometric System – Double beam					
			Monochromator – Double monochromator / Monochromator with imaging grating or equivalent					
			Source – Xe / Halogen (Tungsten) - D2 Lamp					
			Wavelength Range – 190-1100 nm					
			Detectors – Silicon photodiode detectors for simultaneous measurement of different channels					
			Wavelength accuracy (nm) \pm 0.1 - 0.3 nm					
			Wavelength reproducibility/repeatability (nm) < 0.05					
			Photometric Accuracy: 1 Abs: < <u>+</u> 0.003 2 Abs: < <u>+</u> 0.005					
			Spectral bandwidth: capable of 1 to 2 nm					
			Data collection rate 250 data points per second or more					
			Desktop PC unit with printer and UPS					
			Unit with sipper (and 5 spare tubings) 2 extra lamp source (if source is Halogen (Tungsten) - D2 Lamp) printer, UV workstation software compatible with equipment, and complete genuine office and OS					
			With 1 pc, 1000 ppm NIST Traceable Phosphorus Standard Solution corresponding (1) 100-500ml/bottle					
			Desktop specifications:					
			Processor: i7-12th Gen / R7 Zen3+(RDNA2 based) subject to change considering software compatibility					
			Storage: at least 500GB M.2 PCIe NVMe SSD					
			Memory: at least 16GB, DDR4 (upgradable)					
			Operating System: Windows 10/11 Pro subject to change considering software compatibility					





Item no.	PR Number	End User	Item	Qy	Unit	MOOE	СО	Total Cost
			MS Office: Microsoft Office 2021 (license)					
			Printer specifications:					
			Can print up to Legal size (8.5 x 14 in), color, black					
			Can copy and scan up to A4 size, color, black					
			Has wireless capability					
			Has mobile printing capability					
			Print speed: Black - up to 8 ppm; Color - up to 5 ppm					
			Print quality: Black - up to 1200 x 1200 dpi; Color - up to 4800 x 1200 dpi					
			Copy speed: Black - up to 5 cpm; Color - up to 3 cpm					
			Copy resolution: up to 300 x 300 dpi					
			Scan resolution: up to 1200 dpi					
			Paper handling: Input - up to 60 sheets; Output - up to 25 sheets					
			Connectivity: Hi-speed USB; Built-in WiFi 802.11 b/g/n					
			200 - 240 VAC"					
			Accessories included:					
			UV software					
			AVR (compatibel with the system)					
			With End-User training (No. of pax: At least 2 pax) using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with venue at manufacturer's training facility					
			One (1) year warranty on parts and repair services with Authorized or Exclusive Distributorship Certificate					
			Free PMS for three (2) years inclusive of PM kits, consumables, and replacement of lamps within prescribed period with authorized or exclusice distributorship					
			Delivery Site: BSWM Central Office					
			Subtotal of 2025-00-0051		·			1,500,000.00
						GRA	ND TOTAL	1,500,000.00

Lot 3- Supply and Delivery of Various Sample Preparation Equipment

Item	PR	End	Item	Qty	Unit	M00	CO	Total Cost
No.	Number	User				Ε		
1	2025-00-0	LSD	Plant Tissue Grinder	20	units		500,000.00	10,000,000.00
	051							
			Specifications:					
			Sample size: 10mm with large inlet/funnel					
			up to 40mm					
			Grinding rate/time: Appr. 4 g/s or more					
			Grinding speed: Impeller minimum of 10,000					
			rpm					



ltem No.	PR Number	End User	Item	Qty	Unit	MOO E	CO	Total Cost
			Particle size: 0.3-2mm					
			Safety: Microswitch, motor brake or					
			equivalent					
			Power Supply: 200-240 V					
			Power consumption: 500-1100 W					
			with complete accessories:					
			1 pc large sample inlet					
			5 pc screens - to cover 0.3 - 2mm					
			1 set - glass sample bottles					
			1 set - dust collection materials					
			1 set - grinding rings					
			1 set - impellers (aluminum)					
			with Validation Certificate or quality check					
			certificate from manufacturer					
			with Authorized or Exclusive					
			Distributorship Certificate					
			with 1-2 year warranty on parts and services					
			Delivery sites:					
			16 RSLs (Please refer to the delivery address)					
			3 Research Centers (Tanay, Bulacan,					
			Bukidnon),					
			and BSWM Quezon City					
			RSLs Delivery Address					
			CAR - BPI Compound, Guisad, Baguio City					
			RSL I- Aguila Road, Sevilla Norte, City of San					
			Fernando, La Union					
			RSL II - San Gabriel, Tuguegarao City, Cagayan					
			RSL III - Diosdado Macapagal Government					
			Center, Barangay Maimpis, City of San					
			Fernando, Pampanga					
			RSL IV-A - Lipa Agricultural Research and					
			Experiment Station (LARES), Marauoy, Lipa					
			City, Batangas					
			RSL IV-B - "J.P. Rizal Street, Barangay Camilmil,					
			Calapan City, Oriental Mindoro					
			4th Floor, ATI Building, Elliptical Road,					
			Diliman, Quezon City"					
			RSL V - San Agustin, Pili, Camarines Sur					
			RSL VI - DA-WESVIARC, Hamungaya, Brgy.					
			Buntatala, Jaro, Iloilo					
			RSL VII - DA-RFO 7 Complex, Highway					
			Maguikay, Mandaue City, Cebu					
			RSL VIII - Kanhuraw Hill, Tacloban City, Leyte					
			RSL IX - Lenienza, Pagadian City, Zamboanga					
			del Sur					
			RSL X - Antonio Luna Street, Cagayan de Oro					
			City, Misamis Oriental					
		Ī	RSL XI - F. Bangoy Street, Agdao, Davao City					
			RSL XII - Prime Regional Government Center,					
			Carpenter Hill, Koronadal City, South Cotabato					
			RSL XIII - Capitol Site, Butuan City					
			BARMM - Office of the Chief Minister, BARMM					1
			Compound, Gov. Gutierrez Ave., Cotabato City					



Item	PR	End	Item	Qty	Unit	M00	CO	Total Cost
No.	Number	User				Ε		
	Subtotal of 2025-00-0051							
GRAND TOTAL								

Lot 4- Supply and Delivery of Various Microbiological Laboratory Equipment

Item	PR	End	Item	Qty	Unit	MOOE	CO	Total Cost
no.	Number	User					6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(
1	25-00-005	LSD	Automated AST Workflow System	1	unit		6,000,000.00	6,000,000.00
			Specifications:					
			Uses Broth Micro Dilution (BMD) Plate					
			method for AST					
			Capable of performing wide range of					
			Susceptibility Testing for:					
			o Gram Negative Bacteria					
			o Gram-Positive Bacteria					
			o Anaerobe					
			o Hemophilus o Yeast					
			Capable of performing Identification Testing					
			for:					
			o Gram Negative Bacteria					
			o Gram-Positive Bacteria					
			Utilizes customizable 96-well microtiter					
			plates using fluorescence and turbidimetry					
			for ID and susceptibility					
			Includes Autoinoculation Machine for ID					
			and AST Plates Includes Nephelometer for inoculum					
			standardization					
			AST Plates can be read manually, allowing					
			critical interpretation of unusual patterns					
			and eliminating the need to retest invalid					
			results					
			It should come with a single, robust					
			software platform that easily consolidates					
			test program and streamline data entry Can be interfaced to most LIS systems and					
			service teams have the technical expertise to					
			support through the whole process					
			with customizable Expert System that					
			provides three-tiered expert messages:					
			Information, Modification (based on FDA,					
			CLSI, and EUCAST recommendations), and					
			Warning Levels					
			with Quality Control Module and Epidemiology Module					
			With existing installation in the Philippines					
			that uses customized plates for Veterinary					
			Antimicrobial Susceptibility Testing and					
			Antimicrobial Surveillance Programs					
			aligned with international guidelines					
			Includes benchtop shaking incubator with					
			standard platform equipped of flexible					
			springs that can accommodate many type of flasks, tubes with different sizes					
			Temperature: up to 60degrees					
			Speed: up to 300 rpm					



PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
		Inclusions: - with 1 year warranty on parts and services - User training for machine operations at Manufacturer's site (2pax) - Starter plates consumables and accessories good for 100 tests for AST - 1-2 sets of Culture Media and Reagents for Salmonella and Ecoli Testing - Customized Plates for ID and AST (Staggered delivery) a.) ASSECAF (Gram Neg AST1)- 50 kits b.) ASSECB (Gram Neg AST2)- 30 kits c.) ASEN (Gram Pos AST)- 50 Kits d.) GNID (Gram Neg ID)- 50 kits e.) GPID (Gram Pos) ID- 50 Kits					
		Laptop/PC desktop compatible to AST software Processor: i7-12th Gen / R7 Zen3+(RDNA2 based) or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 (license)					
		Glass pH combination Electrode (20 pcs) Material: Lead free Glass with Built-in Temperature Compensation Sensor: Junction: Ceramic Reference: Long-Life Electrolyte: 3M KCL Length: 120mm Diameter: 12mm Membrane Shape:cylindrical Membrane Resistance: <150MΩ Range: 0 to 14 pH Temp. Range: -5 to 100°C (23 to 212°F) Connector: BNC					
		with Authorized or Exclusive Distributorship Certificate					
25-00-005	LSD	BSWM Central Office Compound Microscope	1	unit		300,000.00	300,000.00
		Specifications: Observation Method: Brightfield, Darkfield Optical System: Infinity optical system Illumination System: Built-in transmitted illumination system, fixed Köhler illumination, LED lamp Eyepiece: 10x, 20mm, antifungal Focusing: Stage height movement (coarse movement stroke: 15 mm), Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper, Torque adjustment for coarse adjustment knob, Fine focus knob (minimum adjustment gradations: 2.5 µm) Objectives: Infinity Plan achromat, anti-fungal, 4X, 10X, 40X, 100X Bevolving nosepiece manual with standard					
	Number	NumberUserImage: NumberImage: Num	Number User Inclusions: - with 1 year warranty on parts and services - User training for machine operations at Manufacturer's site (2pax) - Starter plates consumables and accessories good for 100 tests for AST - 1-2 sets of Culture Media and Reagents for Salmonella and Ecoli Testing - Customized Plates for 1D and AST (Staggered delivery) a.) ASSECAF (Gram Neg AST1)- 50 kits b.) ASSECB (Gram Neg AST2)- 30 kits c.) ASEN (Gram Neg AST2)- 30 kits d.) GNID (Gram Neg ID)- 50 kits e.) GPID (Gram Pos) ID- 50 kits d.) GNID (Gram Neg ID)- 50 kits e.) GPID (Gram Pos) ID-50 kits Image: Application of the processor: 17-12th Gen / R7 Zen3+(RDNA2 based) or higher Storage: at least 500GB M.2 PCIe NVMe SSD Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher MS Office: Microsoft Office 2021 (license) Image: Application of the application of the test of the component of the component of the test of test	Number User Inclusions: - with 1 year warranty on parts and services - User training for machine operations at Manufacturer's site (2pax) - Starter plates consumables and accessories good for 100 tests for AST - 1-2 sets of Culture Media and Reagents for Salmonella and Ecoli Testing - Customized Plates for ID and AST (Staggered delivery) a) ASSECAF (Gram Neg AST1)- 50 kits b) ASSEC (Gram Neg AST2)- 30 kits c) ASSE (Gram Neg AST2)- 50 kits d) (NID (Gram Neg AST2)- 50 kits e) GPID (Gram Pos AST)- 50 kits d) (NID (Gram Neg ID)- 50 kits e) GPID (Gram Pos) ID- 50 Kits d) (NID (Gram Neg ID)- 50 Kits d) GNID (Gram Pos) ID- 10 Kits d) KIT d) GNID (Gram Pos) ID- 10 Kits d) GNID (Gram Pos) ID- 10 Kits d) KIT d) GNID (Gram	Number User Inclusions: - with 1 year warranty on parts and services - User training for machine operations at Manufacturer's site (2pax) - Starter plates consumables and accessories good for 100 tests for AST - 1-2 sets of Culturer Media and Reagents for Salmonella and Ecoli Testing - Customized Plates for ID and AST (Staggered delivery) a). ASSECAF (Gram Neg AST1)- 50 kits b). ASSECB (Gram Neg AST1)- 50 kits c). ASEN (Gram Neg AST2)- 50 kits d). GNID (Gram Neg ID)- 50 kits e). QFDI (Gram Neg ID)- 50 kits d). GNID (Gram Neg ID)- 50 kits e). QFDI (Gram Neg ID)- 50 kits d). GNID (Gram Neg ID)- 50 kits e). QFDI (Gram Neg ID)- 50 kits d). GNID (Gram Neg ID)- 50 kits d). GNID (Gram Neg ID)- 50 kits d). GNID (Gram Neg ID)- 50 kits d). GSECB (Cram Neg AST2)- 30 kits c). ASEN (Gram Neg AST2)- 30 kits c). ASEN (Gram Neg ID)- 50 kits d). GRID (GRID (GRID NEG ID)-50 kits d). GRID (GRID NEG ID	Number User Inclusions: - with 1 year warranty on parts and services - viser training for machine operations at Manufacturer's site (2pax) Image: Second Secon	Number User Inclusions: - with 1 year warranty on parts and services - liser training for machine operations at Manufacturer's site (2pas) - Starter plates consumables and accessories good for 100 tests for AST - 1-2 sets of Culture Media and Reagents for Salmonella and Ecoli Testing - Customized Plates for ID and AST (Staggered delivery) a) ASSECAP (Gram Neg AST1)- 50 kits b) ASSECG (Gram Neg AST2)- 30 kits c) ASEN (Gram Neg AST2)- 50 kits d) GND (Gram Neg ID- 50 kits c) ASEN (Gram Neg AST2)- 30 kits c) Grams pag ID- 50 kits d) GND (Gram Neg ID- 50 kits d) GND (Gram Neg ID- 50 kits d) GND (Gram Neg ID- 20 kits c) ASEN (Gram Neg AST2)- 30 kits c) ASEN (Gram Neg AST2)- 30 kits c) ASEN (Gram Neg AST2)-30 kits c) Grams pag ID- 20 kits d) GND (Gram Neg ID- 20 kits c) Grams pag ID- 20 kits c) Grams page ID- 20 kits c) For Competient ID (BC Competient ID and c) ASPECIFICATION: Delivery Stit: BSWM Central Office 25-00-005 I unit 300,000.00 25-00-005 LSD Compound Microscope I unit 300,000.00 25-00-005 LSD Compound Microscope I unit 300,000.00 25-00-005 LSD </td



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Manual stages with right-hand control built-in X:76mm, Y:52mm Condenser: Abbe condenser NA 1.25 with					
			oil immersion (4X-100X) Inclusions: - Microscope Cover, Manual & Power Cord - 8-9in screen tablet (at least 128gb storage) with compatible keyboard - with trinocular head, compatible camera (12MP or above) and camera adapter - consumables for 50-100 microscope specimens (immersion oil, microscope slides, slide storage box, cover slips, gram staining kit, staining rack and NIST traceable slider micrometer) - with 1 year warranty on parts and services - training for at least 2 end users Delivery Site: BSWM Central Office					
3	25-00-005	LSD	Automated Colony Counter	2	units		1,650,000.00	3,300,000.00
			Specifications:					
			Software & Analysis Colony Counting Accuracy: ≥98% Counting Modes: Fully automatic with manual control to add and subtract colonies and can differentiate colonies by color, shape, and size Data Export format: CSV, Excel, PDF, LIMS connectivity User Interface: Touchscreen-compatible with intuitive controls or computer controlled Connectivity: USB, Wi-Fi, and LIMS connection ready					
			Operation: Power Supply: 220-240V AC, 50/60Hz Operating Temperature: up to 35°C Compatible Petri Dish Sizes: 55 mm to 90 mm diameter					
			In compliance with 21 CFR Part 11 and adheres to international standards for microbiological testing such as ISO 7218, AOAC 977.27 or equivalent					
			Inclusion: - software for automatic colony counting - compatible ink tank printer with 1-2 ink bottle per color (black, cyan, magenta, yellow) - at least 3 validation plates and conformity certificate - 3 year warranty on parts, services and software updates - user training for machine operation at manufacturer's site (at least 2 pax)					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
			Laptop					
			compatible to automated counter software					
			Processor: Intel i5, 2.8 GHz Quad-Core or higher					
			Storage: at least 500GB M.2 PCIe NVMe SSD					
			Memory: at least 16GB, DDR4 (upgradable) Operating System: Windows 10 or higher					
			MS Office: Microsoft Office 2021 (license)					
			with Authorized or Exclusive Distributorship Certificate					
			Delivery Site: BSWM Central Office					
4	25-00-005	LSD	Microbial Air Sampler	1	unit		120,000.00	120,000.00
			Specifications:					
			Airflow rate: at least 100L/min					
			Flexible adjustment of volume flow and the sample volume					
			Rotating plate holder with adjustable rotation speed					
			Adjustable timer with delayed activation mode					
			Rechargeable battery					
			Replaceable attachment					
			Can be use for 90mm petri plates					
			Inclusion:					
			Accessories and consumables such as battery charger, compatible stainless steel					
			heads and plates					
			Traceable Calibration Certificate at least 1 year warranty for parts and					
			services					
			User training for machine operation (at least 2 pax)					
			Delivery Site:					
			BSWM Central Office					
5	25-00-005	LSD	Homogenizer (Laboratory Blender)	1	unit		250,000.00	250,000.00
			Specifications:					
			Suitable for mixing of solid and liquid sample					
			Suitable for volume sample sizes from 50ml					
			to 400ml Adjustable timer settings:1-99 mins 59 sec					
			or continuous operation					
			Adjustable speed that can attain both 400rpm and 600rpm					
			Electricity: 220-240V (50-60Hz)					
			Inclusion: Power Cable, homogenizing rack					
			and 500 standard homogenizing bags at least 3 year warranty for parts and					
			services					
			Delivery Site: BSWM Central Office					
					Su	ototal of 2	025-00-0051	9,970,000.00
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Lot 5- Supply and Delivery of Various Soil Physics Laboratory Equipment



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
1	2025-00- 0051	LSD	Sieve Shaker	1	unit		550,000.00	550,000.00
			Specifications:					
			Sieve Diameter: 3-4 inches					
			Sieve Set: ASTM No. 10 (2.0mm) No. 18 (1.0mm) No. 35 (500 μm) No. 60 (250 μm) No. 140 (106 μm) No. 270 (53 μm)					
			with cap and pan with 3-4 inches					
			with Digital and adjustible timer and vibrating intensity					
			Sieving time: capable 1-99 minutes with 0.1 sec accuracy					
			compact and quite					
			Power supply: 220 V (120 V with transformer),60 Hz 1phwith 1 year warranty on parts and services					
			Delivery Site: BSWM Central Office					
2	2025-00- 0051	LSD	Particle Size Analyzer (Laser Diffraction)	1	unit		8,500,000.00	8,500,000.00
			Specifications:					
			measure particle size distributions from 10nm up to 3.5mm					
			Auto-alignment before every measurement					
			sequential combination of measurements with red and blue light sources to measure across the entire particle size					
			Include Soil Texture Software capable of identifying the type of soil classes and sand fraction automatically; aligned with USDA Soil Textural Classication (bidder to provide application note to the end user) Main System Specifications					
			Particle size distribution: Suspensions,					
			emulsions, dry powders Principle: Laser light scattering					
			Analysis: Mie and Fraunhofer scattering					
			Data acquisition rate: 10 kHz					
			Typical measurement time: 5-25 sec					
			Optics					
			Red light source: Max. 4mW He-Ne, 632.8nm					
			Blue light source: Max Nominal 10mW LED, 470nm					
			Lens arrangement: Reverse Fourier (convergent beam)					
			Effective focal length: max 300mm					
			Size					
			Particle size: 10nm - 3.5mm Number of size classes: atleast 100 (user					
-			adjustable) Precision / Repeatability: Better than 0.5% variation					
			Reproducibility: Better than 1% variation					
			Software			1		



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Enables an operating mode that assists with ER/ES compliance					
			System compliance					
			Laser class: Class 1, IEC60825-1:2007 and CFR Chapter I: Sub-chapterJ: Part 1040 (CDRH)					
			Regulatory : Designed to meet RoHS and WEEE requirements CE / FCC / ICE5-003 / VCCI compliant and Designed to meet C-Tick					
			System					
			Supply voltage: 100/240V, 50/60Hz					
			Product storage temperature: -20°C to +50°C (non-condensing)					
			Operational temperature range: +5°C to +40°C (non-condensing)					
			Accessories :					
			1 unit Wet Sample Dispersion unit					
			Compatible with 600mL and 1000mL laboratory beakers 40W in-line sonication probe, for rapid					
			agglomerate dispersion					
			Dip-in centrifugal pump and stirrer design					
			Chemically compatible with a wide choice of organic and inorganic dispersants					
			Full software control of pump / stirrer and sonication					
			Integral sample tank light					
			Pump speed range : 0-3500 rpm					
			Pump speed resolution : +/- 10 rpm					
			Pump speed accuracy : +/- 50 rpm					
			Maximum flow rate : 1.7L/min					
			Materials in contact with sample : 316 stainless, Borosilicate glass, Tygon, FKM (cell seal only - FFKM available), PTFE, PEEK, Titanium Nitride					
			Standards: NIST traceable glass beads					
			Inclusions:					
			1 set Tygon tubes					
			1 set Lens					
			1 unit Desktop PC with printer					
			Processor: i7-12th Gen / R7 Zen3+(RDNA2 based) subject to change considering software compatibility					
			Storage: at least 500GB M.2 PCIe NVMe SSD					
			Memory: at least 16GB, DDR4 (upgradable)					
			Operating System: Windows 10/11 Pro subject to change considering software					
			compatibility MS Office: Microsoft Office 2021 (license)		-			
			Printer specifications:					
			Can print up to Legal size (8.5 x 14 in), color, black					
			Can copy and scan up to A4 size, color, black					
			Has wireless capability					
			Has mobile printing capability					
			Print speed: Black - up to 8 ppm; Color - up to 5 ppm					
			Print quality: Black - up to 1200 x 1200 dpi; Color - up to 4800 x 1200 dpi					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Copy speed: Black - up to 5 cpm; Color - up to 3 cpm					
			Copy resolution: up to 300 x 300 dpi					
			Scan resolution: up to 1200 dpi					
			Paper handling: Input - up to 60 sheets; Output - up to 25 sheets					
			Connectivity: Hi-speed USB; Built-in WiFi					
			802.11 b/g/n 200 - 240 VAC"					
			1 unit Automatic voltage regulator					
			1 unit Top loading balance					
			Capacity : 1200g					
			Readabily : 0.01g					
			Linearity : ±0.02 g					
			ISO 13320:2020 guide or equivalent latest					
			version 5 bottles (500g) of Soil Reference Material					
			with Certificate of Analysis					
			Installation & Training :					
			On site installation and commissioning by factory-trained engineer and local operational training by application specialist					
			With End-User training for two (2) pax using					
			the same brand and model of the offered equipment conducted by Authorized					
			Representative/s of the Manufacturer with the venue at the training facility					
			with Training at end-user's site using the same model of equipment for 2 pax or more					
			Warranty :					
			One (1) year on parts and two (2) years on service from the date of installation which include preventive maintenance during warraty period					
			with Authorized or Exclusive Distributorship Certificate					
			Delivery :					
			Supplier shall submit an Authorization Certificate from the Manufacturer or the authorized sole distributor of the same brand in the Philippines					
			Delivery Site: BSWM Central Office					
	2025-00-	LSD	Aggregate Stabilizer	3	units		615,000.00	1,845,000.00
	0051			-			_,	
			Specifications:					
			Application: Wet Sieving Method 8 sieve cups with diameter: 39x39mm and					1
			sieve surface of 10.2 cm					ļ
			16 Stainless steel sieve cans diameter 64x45 mm with mouth-fitted lids					
			Inclusions:					1
			Sieve sets (ASTM) : No. 10, 20, 40, 60, 120, 200					
			100-240 VAC 50/60Hz adapter					
			Maximum number of Samples: 8					
			Measuring range: 0-100%					
			Power supply: 220 V,60 Hz 1ph					
			with Local Training for end-users					
			Delivery Site: BSWM Central Office					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
4	2025-00- 0051	LSD	MIXER MILL	1	unit		1,800,000.00	1,800,000.00
			Specifications:					
			Voltage: 230 VA, 60 Hz					
			Dimension: 21 in. (53 cm) x 22 in. (56 cm) x 14 in. (36 cm)					
			Weight: 80 lbs. (36 kgs)					
			Clamp Speed: 1060 cycles/minute (115 V) or 875 cycles/minute (230 V) . Alternate pulley supplied with 230V model for 1060 cpm operation					
			Motor: 1/3 hp, 1725 RPM @ 60 Hz					
			Clamp Movement: 2 1/3 in. (5.9 cm) back-and-forth, 1 in. (2.5 cm) side-to-side					
			CE Approved: Yes					
			Accessories included: Tungsten Carbide Vial Set 55 mL vial set, 2 1/4 in. diam. x 2 1/2 in. long (5.7 cm x 6.35 cm). Tungsten carbide-lined body, 2 tungsten carbide-lined aluminum					
			caps, two 7/16 in. (11.2 mm) tungsten carbide balls and 8 corprene gaskets.					
			 Features: 1. Steel housing protects the clamp mechanism and rugged construction ensures a long life of heavy work. 2. Forced air cooling fan. 3. Equipped with safety interlock system for operator protection. 4. Shock-mounted electric motor for tabletop 					
			 operation. 5. Clamp swings back-and-forth with a short lateral "figure-8" movement. 6. Timer is factory-set for 100-minute range. Optional chip is available to extend timer range to 175 hours (10,500 minutes). 					
			With at least one (1) year warranty on parts and service and two (2) years free Preventive Maintenance Service					
			with Authorized or Exclusive Distributorship Certificate					
			With End-User training (No. of pax: At least 3 pax) using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with venue at manufacturer's training facility Delivery Site:					
			BSWM Central Office					
					Subtotal of 2025-00-0051			12,695,000.00
						GRAND 7	FOTAL	12,695,000.00

Lot 6- Supply and Delivery of CNS Analyzer

Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
1	2025-00-0 051	LSD	CNS Analyzer	1	unit		7,000,000.00	7,000,000.00
			Specifications:					
			Configuration: CNS					
			Sample weight: capable of analyzing 0.1 - max 100mg soil samples.					
			Balance required: Microbalance					
			Operating Principle: Combustion (Modified Dumas Method), followed by a reduction process, GC separation, and detection by thermal conductivity detector (TCD)					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Automatic sample carousel samples or position: min and max: 32 position tray (MIN), upto 4 trays (125 position or more)					
			Detector Type: TCD					
			Gas Handling and Gas Separation: separation with Gas Chromatography (GC) column					
			Mass Flow Controller/ Electronic flow controller Type : Thermal regulated Electronic Flow Controller Module (EFCt)					
			Gases Required: Helium (He) with 99.995% purity and Oxygen (O2) with 99.5% or better, Argon (optional gas) Standard Accessories and Consumables:					
			Spatula NA 2000					
			1 unit - Autosampler					
			2 set- Aspartic Acid Standard for NC Analysis 10g per bottle, NIST Traceable with Certificate of Analysis					
			3 bottles of Sulfanilamide Standard for NCS Analysis 2g per bottle, NIST Traceable with Certificate of Analysis					
			2 sets - Standards for combustion analysis inclusive (NIST traceable) - Set of 7 soil standards Contains 1 of each of the following B2176, B2180, B2182, B2184, B2186, B2188, B2189 and Soil NC Reference Material					
			5 bottles of Vanadium Pentoxide, 1g, 90-99.9% Purity 2 BBOT STANDARD CHNS (2 g)					
			2 set - Kit 1000 Analyses CHNS / NCS / S with Pre-packed Quartz Reactor contains the following: -Tin Containers Megabox (set of 1000) -Quartz Wool (5 g) -Magnesium Perchlorate (Anhydrone) (100 g)(only for NCS/S det.) -Vanadium Pentoxide (1 g) -Pre-Packed 18 mm OD Quartz Reactor CHNS/NCS/S					
			1 set - Kit for Total Organic Carbon (TOC), includes: • Silver sample containers (set of 100) • Sample holder plate • Electric heater • Syringe 100 uL (function with or without syringe)					
			Soft Silver Containers for CNS Analysis					
			(Set of 1000) 1 unit - Microbalance					
			Balance required: Microbalance Max capacity: 1.2 g / 3.1 g Readability: 0.001 mg / 0,01 mg Repeatability at nominal (sd): 0.001 mg / 0.006 mg Typical Repeatability: (200 mg): 0.0008 mg Linearity deviation (test load): 0.02 mg (0.5 g)					
			Minimum weight (200 mg, K=2, U=1): 0.2 mg Typical setting time: <8 sec					



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			1 set –complete accessories for CNS Analyzer including spare o-rings, sample holder, cleaning device/ash removal for quartz reactor and crucible, forceps, spatula, and others that are essential for operation and CNS analysis					
			5 sets - Helium Gas (UHP Grade) with tank					
			3 sets - Oxygen Gas (UHP Grade) with tank					
			2 units - Gas Lines(provision for 10 meters or more)					
			Desktop PC unit with printer and UPS					
			1 set remote data management system • Laptop • Tablet					
			1 Dual Stage He or Ar Gas Regulator					
			1 Dual Stage O2 Gas Regulator					
			1 Compressed Air Regulator					
			1 6KVA True-on-Line UPS, 220VAC 50/60Hz					
			Includes delivery, installation and commissioning onsite by Service Engineer and onsite Comprehensive Training by Applications Chemist					
			With at least one (1) year warranty on parts and service and two (2) years free Preventive Maintenance Service					
			With End-User training (No. of pax: At least 4 pax) using the same brand and model of the offered equipment conducted by Authorized Representative/s of the Manufacturer with venue at manufacturer's training facility					
			with Authorized or Exclusive Distributorship Certificate					
			Delivery Site: BSWM Central Office					
					Sı	<mark>ibtotal of</mark>	<mark>2025-00-0051 (</mark>	7,000,000.00
							GRAND TOTAL	7,000,000.00

Lot 7- Supply and Delivery of Various Equipment for Calibration

		End	Item	Qty	Unit	MOOE	СО	Total Cost
		User						
1	2025-00-005 1	LSD	Metrology Instruments	1	unit		1,910,000.00	1,910,000.00
			Specifications					
			1 unit - Calibration Climatic Chamber					
			Type: bench-top temperature and humidity test chamber					
			Temperature range: -40 to 150 °C					
			Temperature fluctuation: ±0.5 °C					
			Temperature Resolution: 0.01°C					
			Cooling rate:					
			150 to 25°C (1 to 2°C /min)					
			25 to -40°C (0.7 to 1°C /min)					
			Heating rate: 3 to 5°C /min					
			Temperature Uniformity:					



em no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
			±1.0 °C (-40 to 100°C)					
			±1.5 °C (100.1 to 150°C)					
			Humidity Range: 20.0%RH to 98%RH					
			Humidity Fluctuation: ±2.0%RH					
			Humidity Uniformity: ±3.0%RH					
			Humidity Resolution: 0.1%RH					
			Internal Material: SUS304 stainless steel (1.2mm)					
			External Material: cold-rolled plate (1.2mm), powder coating					
			Heat insulation: polyurethane foam (100mm) + glass wool (10mm)					
			Fan: centrifugal fan (impeller fan)					
			Refrigeration compressor: hermetic compressor Cooling mode: air cooling					
			Refrigerant: R404A/R449A					
			Evaporator: finned-tube exchanger		+			
			Heater: nickel chrome strip heater		+			
			Humidifier: steam humidifier					
			Observation Window: multi-layer hollow tempered glass belt with automatic defrosting function, which can guarantee the frost-free and condensation of the glass surface during any test Sample Rack: Stainless steel sample holder 2					
			layers, height is adjustable, load-bearing (uniform): 40kg/layer Water Storage Tank Capacity: 15L					
			Display: TFT color LCD display					
			Communication: Ethernet, RS485, RS232 interface					
			Interior Size mm (WxHxD): at least 300x300x250					
			Exterior Size mm (WxHxD): at least 480x835x990					
			Power Supply: 220V/AC 50/60Hz 12 A					
			Inclusions: One (1) year warranty on parts and services additional inclusion: 2 tables for the unit extension cable for the RH probe of the reference standard					
			Free PMS within warranty period					
			Training for four (4) end users at Manufacturer's Training Site, inclusive of all expenses with Authorized or Exclusive Distributorship Certificate					
			Delivery Site: BSWM Central Office					
2	2025-00-005 1	LSD	Anemometer	2	units		100,000.00	200,000.00
			Specifications:					
			Real time data logger, save the data into the SD memory card and can be downloaded to the Excel					



em no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Air velocity : 0.2 to 25.0 m/s, high precision for low air velocity measurement.					
			Air flow : CMM, CFM.					
			m/s, ft/min, km/h, knots, mile/h, oC/oF.					
			Humidity : 5 to 95 %RH					
			Dew point, Wet bulb.					
			Type K Thermometer : -100 to 1300 oC, oC/oF.					
			Type J Thermometer : -100 to 1200 oC, oC/oF.					
			Data hold, Record (Max., Min.).					
			Complete set with two probes : Hot wire anemometer probe and Humidity/Temp. probe.					
			RS232/USB computer interface.					
			with ISO/IEC 17025 Calibration Certificate					
			Training for End user					
			at least 1 yr warranty on parts and service					
			Delivery Site: BSWM Central Office					
3	2025-00-005 1	LSD	Tachometer	2	units		100,000.00	200,000.00
			Specifications:					
			Laser Photo & contact tachometer in one meter					
			Fast sampling time for low contact RPM measurement, automatic reverse display.					
			Photo Tach. : 10 to 99,999 RPM					
			Contact Tach. : 0.5 to 19,999 RPM.					
			Surface speed : m/min, ft/min.					
			with complete standard accessories					
			with ISO/IEC 17025 Calibration Certificate					
			at least 1 yr warranty on parts and service					
			Delivery Site: BSWM Central Office					
4	2025-00-005	LSD	Distance Meter	2	units		50,000.00	100,000.00
	1		Specifications:					
			Measurement Range: 2" to 330ft (0.05 to 100m)					
			Accuracy: ±0.08" (±2mm)					
			Resolution: 0.0", 0.00ft, 0.000m					
			Area calculation: 99,999ft ² , 99,999m ²					
			Volume calculation: 99,999 ft ³ , 99,999 m ³					
			with ISO/IEC 17025 Calibration Certificate					
			at least 1 yr warranty on parts and service					
			Delivery Site: BSWM Central Office					
5	2025-00-005 1	LSD	Precision Thermohygrometer	1	unit		210,000.00	210,000.00
			Specifications:					1
			Operating Range: 32 to 122°F (0 to 50°C); 0% to 100% RH					
			Temperature Accuracy: ±0.125°C from 16 to 24°C					
			RH Accuracy: ±1.5% RH from 20 to 70% RH					



em no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Resolution: User selectable up to 0.01% on front-panel display (0.1% recorded)					
			with ISO/IEC 17025 Calibration Certificate					
			Training for End user					
			at least 1 yr warranty on parts and service					
			Delivery Site: BSWM Central Office					
6	2025-00-005 1	LSD	Metrology Instruments (Mass Calibration Reference Standards)	1	unit		210,000.00	210,000.00
			Specifications					
			4 units - Class F1 Test Weights					
			Material: 304 Stainless Steel					
			Level: Class F1					
			Weight range: 1mg-1kg					
			Package Contents:					
			25pcs Weights					
			1x 1000g					
			1x 500g					
			2x 200g					
			1x 100g					
			1x 50g					
			2x 20g					
			1x 10g					
			1x 5g					
			2x 2g					
			1x 1g					
			1x 500mg					
			2x 200mg					
			1x 100mg					
			1x 50mg					
			2x 20mg					
			1x 10mg					
			1x 5mg					
			2x 2mg					
			1x 1mg					
			1x Plastic Tweezer					
			1x Wood or Aluminum Alloy Case					
			1x Cleaning Cloth					
			with ISO/IEC 17025 Calibration Certificate				1	
			at least 1 yr warranty on parts and service		1			
			Delivery Site:		1			
			BSWM Central Office		DD			2 020 000 00
7	2025-00-005	I CD	Subtotal of 2025-00-0051 2025-00-0051 I			40.000.00		2,830,000.00
7	2025-00-005 2	LSD	IR and Contact Thermometer	30	pcs	49,000.00		1,470,000.00
			Temp Range		<u> </u>	_		
			Infrared: -50°C to 1600°C (-58°F to 2912°F)					
			Thermocouple: -50°C to 800°C (-58°F to 1472°F)					
			Temp Resolution: 0.1°C (0.1°F)					



em no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Optical Resolution: 20:1/30:1/ 50:1 Distance to Spot Size Ratio					
			Emissivity: Adjustable 0.10 to 1.00					
			Laser Power: Class 2 (<1mW)					
			Power: 9V battery (included), auto power off after 7sec., lock feature					
			with ISO/IEC 17025 Calibration Certificate					
			Delivery Site: BSWM Central Office					
8	2025-00-005 2	LSD	Test Weights (Class F1)	40	pcs	49,000.00		1,960,000.00
			Material: 304 Stainless Steel					
			Level: Class F1					
			Product Weight: 6.6 lbs / 3 Kg					
			Weight range: 1mg-1kg					
			Package Contents:					
			25pcs Weights					
			1x 1000g					
			1x 500g					
			2x 200g					
			1x 100g					
			1x 50g					
			2x 20g					
			1x 10g					
			1x 5g					
			2x 2g					
			1x 1g					
			1x 500mg					
			2x 200mg					
			1x 100mg					
			1x 50mg					
			2x 20mg					
			1x 10mg					
			1x 5mg					
			2x 2mg					
			1x 1mg					
			1x Plastic Tweezer					
			1x Aluminium Alloy Case					
			1x Cleaning Cloth					
			with ISO/IEC 17025 Calibration Certificate					
			Delivery Site:					
			BSWM Central Office					
			Subtotal of 2025-00-0052		· 	- -		3,430,000.00
3	2025-00-005 1	LSD	Thermohygrometer (with Barometer)	30	units		50,000.00	1,500,000.00
			Specifications:					
			Measures ambient temperature, relative humidity and atmospheric or barometric pressure					
			Displays measurement values in real time on the large LCD screen					



em no.	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
			Saves recorded data to the included SD card as an Excel-compatible .XLS file					
			Offers selection of pressure units: hPa, mmHg or inHg					
			Features a low battery indicator					
			Allows measurement quota to be freely adjusted					
			Easy to use with large keys and a user-friendly interface					
			Comes with a solid, protective carrying case					
			Manufacturer calibrated					
			with ISO/IEC 17025 calibration certificate Temp: 16, 20, 24 deg C RH: 30, 40, 50, 60					
			Training for End user					
			at least 1 yr warranty on parts and service					
			Delivery Site: BSWM Central Office					
			Subtotal of 2025-00-0051			•	•	
4			Digital Thermohygrometer with Probe -With "In and Out" readings -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	10	pc	6,500.00		65,000.00
			Delivery Site: BSWM Central Office					



	PR Number	End User	Item	Qty	Unit	MOOE	CO	Total Cost
5			Digital Thermohygrometer -Min/Max memory, memory clear, °F/°C switchable, 12/24-hour clock -At the touch of a button, memory recalls the highest and lowest temperature and humidity readings -0.01% accuracy Humidity Range: 20 to 90% RH 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 Delivery Site: BSWM Central Office	10	pc	6,500.00		65,000.00
			Subtotal of 2025-01-0190					1,630,000.00
			-Subtotal 012023-01-0170				RAND TOTAL	7,890,000.00

Lot 8- Supply and Delivery of Various Environmental Monitoring and Field Equipment

Item	PR Number	End	Item	Qty	Unit	MOOE	СО	Total Cost
<u>no.</u>	2025 00 00	User		2		40.000.00		144,000,00
1	2025-00-00 52	LSD	Datalogger	3	рс	48,000.00		144,000.00
			Specifications:					
			Data logger with GSM mobile communication ready					
			5 channels for temperature/humidity sensors; 15 channels for solenoid valve					
			1 channel for solar radiation sensor					
			1 extra channel					
			Memory approx. 35000 readings					
			heavy duty logger assembly					
			download cable					
			battery operated with extra batteries, manual and warranty					
2	2025-00-00 52	LSD	Automatic Rain Gauge	1	рс	48,000.00		48,000.00
			Specifications:					
			Tipping Bucket Type with Datalogger/recording raingauge, and wired display					
			Range up to 9.99" of rain (1/100" or 0.01 each tip of the bucket					
			Dimension 8" diameter collector					
			Battery operated rain logger with 1-minute time/date stamp resolution					
			data can be displayed in text and graphical formats					
			60 ft wire cable, USB cable, software, manual and service warranty					





3 2025-00-00 52 LSD Solar Radiation (Pyranometer) 1 pc 15,000.0 10 Specifications: 1 pc 15,000.0 15,000.0 10V-30V DC 1 Spectral range of 0.3-3micrometer 1 10 10V-30V DC 1 1 PC 10 10V-30V DC 1 1 PC 1 10 Resolution 1W/sq m; accuracy +/-3% 1 1 1 10 Sensitivity 7~14microV-W-1sq m 1 1 1 10 Soll Moisture Meter 16 16 11 10/10/11/2 Volumetric Water Content (VWC): 16 10 10 10/10/11/2 Volumetric Water Cont	
Specifications: Image: Specifications: Image: Specification: Image: Specification: Image: Specification: Image: Spe	
10V~30V DC Image of 0.3~3micrometer Image: Spectral range of 0.3~3micrometer Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m Image: Spectral range 0.2000W/sq m Image: Spectral range of 0.2000W/sq m; Spectral range of 0.2000W/sq m; Spectral range 0.2000W/sq m; Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range: Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range: Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range; 10 x 3.2 x 0.7cm Image: Spectral range; 10 x 3.2 x 0.7cm Image: Spower: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms	
Image: Solution 100 and	
Resolution 1W/sq m; accuracy +/-3% Image: constraint of the second consect of the second constraint of the second constraint	
Working condition -40°C~60°C	
Image: Sensitivity 7~14microV+W-1+sq m Image: Sensitivity 7~14microV+W-1+sq m Sensitivity 7~14microV+W-1+sq m Image: Subtotal of 2025-00-0052 4 2025-00-00 WRM Soil Moisture Meter 53 D - Three-probe sensor 16 - Dielectric measurement frequency (70MHz) - Volumetric Water Content (VWC): 16 - Volumetric Water Content (VWC): Using Top equation: ±0.03m3/m3 (±3%) VWC) typical in mineral soils that have solution electrical conductivity < 10dS/m	
4 2025-00-00 53 WRM D Soil Moisture Meter 16 unit 30,000.0 - Three-probe sensor - Dielectric measurement frequency (70MHz) - Volumetric Water Content (VWC): Using Top equation: ±0.03m3/m3 (±3% VWC) typical in mineral soils that have solution electrical conductivity < 10dS/m Using medium specific calibration: ±0.01 - 0.02m3/m3 (±1-2% VWC) in any porous medium Temperature: ±1°C VWC Resolution: 0.0008m3/m3 (0.08% VWC) from 0 to 50% VWC 0.25% VWC (rockwool) Electrical Conductivity Range: 0 to 23 dS/m (bulk) Temperature Range: -40°C to 50°C Dimensions Range: 10 x 3.2 x 0.7cm Cable: 5m, customized cabling with waterproof connector, 3-pin Measurement: 150 ms Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SDI-12 Warranty 2 years Image: 10 Image: 1	
Subtotal of 2025-00-0052 4 2025-00-00 53 WRM D Soil Moisture Meter D Image: colspan="2">Image: colspan="2">Subtotal of 2025-00-0052 4 2025-00-00 53 WRM D Soil Moisture Meter - Dielectric measurement frequency (70MHz) - Volumetric Water Content (VWC): Using Top equation: ±0.03m3/m3 (±3% VWC) typical in mineral soils that have solution electrical conductivity < 10dS/m Using medium specific calibration: ±0.01 - 0.02m3/m3 (±1-2% VWC) in any porous medium Temperature: ±1°C VWC Resolution: 0.0008m3/m3 (0.08% VWC) from 0 to 50% VWC 0.25% VWC (rockwool) Electrical Conductivity Range: 0 to 23 dS/m (bulk) Temperature Range: -40°C to 50°C Dimensions Range: 10 x 3.2 x 0.7cm Cable: 5m, customized cabling with waterproof connector, 3-pin Measurement: 150 ms Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SD1-12 Warranty 2 years Subtotal of 2025-00-0053	
4 2025-00-00 53 WRM D Soil Moisture Meter 16 unit 30,000.0 - - Three-probe sensor - Dielectric measurement frequency (70MHz) 16 unit 30,000.0 - Volumetric Water Content (VWC): Using Top equation: ±0.03m3/m3 (±3% VWC) typical in mineral soils that have solution electrical conductivity < 10dS/m Using medium specific calibration: ±0.01 - 0.02m3/m3 (±1-2% VWC) in any porous medium Temperature: ±1°C VWC Resolution: 0.0008m3/m3 (0.08% VWC) from 0 to 50% VWC 0.25% VWC (rockwool) Electrical Conductivity Range: 0 to 23 dS/m (bulk) Temperature Range: -40°C to 50°C Dimensions Range: 10 x 3.2 x 0.7cm Cable: 5m, customized cabling with waterproof connector, 3-pin Measurement: 150 ms Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SDI-12 Warranty 2 years Image: 10 v 3.2 v 0.7cm 5 2025-00-01 LUPE Semi-Technical and Scientific	
53DImage: constraint of the section of the sect	00 480,000.00
Three-probe sensor - Dielectric measurement frequency (70MHz) - Volumetric Water Content (VWC): Using Top equation: ±0.03m3/m3 (±3% VWC) typical in mineral soils that have solution electrical conductivity < 10dS/m Using medium specific calibration: ±0.01 - 0.02m3/m3 (±1-2% VWC) in any porous medium Temperature: ±1°C VWC Resolution: 0.0008m3/m3 (0.08% VWC) from 0 to 50% VWC 0.25% VWC (rockwool) Electrical Conductivity Range: 0 to 23 dS/m (bulk) Temperature Range: -40°C to 50°C Dimensions Range: 10 x 3.2 x 0.7cm Cable: 5m, customized cabling with waterproof connector, 3-pin Measurement. 150 ms Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SDI-12 Warranty 2 yearsImage: 10 x 3.2 x 0.7cm Varranty 2 years52025-00-01LUPESemi-Technical and ScientificImage: 10 x 3.2 x 0.7cm Varranty 2 years	00 480,000.00
5 2025-00-01 LUPE Semi-Technical and Scientific	
	480,000.00
Grain Moisture Meter Overall Dimension - H:80mmxL:160mmxW:117mm Test Chamber Dimension - D:70mmxL:92mmxW:35mm Weight - 480g (with batteries) Color - Dark Gray Finish - Sanded Surface Power Supply - 4pcs AA Battery Test Sample Quality - Palay:150g; Corn:150g Measurement Range - Palay:9% to 36% MCwb; Corn:9% to 36% MCwb Repeatability - 99% Resolution - 0.1% MCwb Accuracy - ±0.5% MCwb1pc20,000.0Overall Dimension - D:70mmxL:160mmxW:117mm Test Chamber Dimension - D:70mmxL:92mmxW:35mm Weight - 480g (with batteries) Color - Dark Gray Finish - Sanded Surface Power Supply - 4pcs AA Battery Test Sample Quality - Palay:150g; Corn:150g Measurement Range - Palay:9% to 36% MCwb Repeatability - 99% Resolution - 0.1% MCwb Accuracy - ±0.5% MCwb11pc	00 20,000.00
Place of Delivery:	
BSWM-NSWRRDC LU PEZ, San Ildefonso, Bulacan Monday-Friday Only	



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
			8:00 A.M to 5:00 P.M					
			Subtotal of 2025-00-0054					20,000.00
6	2025-00-00 55	HILL PEZ	MOISTURE METER for Compost	2		10,000.00		20,000.00
			Handheld/portable, heavy duty					
			Measuring system: resistance measurement					
			Accuracy: ±0.5% (40 to 70%)					
			Resolution: 0.1%					
			Function: 3 1/2-digit LCD Mean value display Automatic temperature compensation					
			Main body: 62 (W) x 148 (H) x 24 (D) mm					
			Sensor probe: 10 mm diameter x 800 mm (L)					
			Sensor cable: 0.8 m (L)					
			With warranty certificate					
			Delivery Site: BSWM Central Office, Diliman, Quezon City, 1st week of March 2025					
	1		Subtotal of 2025-00-0055					20,000.00
7	2025-00-00 51	LSD	Soil Nutrient Scanner	2	units		350,000.00	700,000.00
			Light weight and durable					
			Provides an analysis within minutes					
			Dimensions: approx. 152 x 84 x 52 mm					
			IP Class: IP 65					
			Spectral Range: ~ 1400 - 2500 nm					
			Spectral wavelength resolution : 1% of wavelength					
			Speed (time to result) : 1-3 seconds					
			Cooldown time (after measurement):					
			typ. 3 seconds Power Input (for charging): USB PD with 15 VDC, max. 2.75 A * via USB Type C					
			connector					
			USB-Connection (for stationary use): USB 2.0 communication via USB Type C connector					
			Wireless Connection (for handheld use): wireless low energy via integrated antenna					
			Battery Type: rechargeable lithium ion battery					
			Nominal Voltage: 11.1V					
			Nominal capacity: 2600 mAh					
			Inclusions:					
			App (available to download on IOS or					
			Android) Valid license to use the app					
	I		Subtotal		1			700,000.00
	2025-01-01		Soil Hardness Meter	4	рс	35,000.00		140,000.00
8	87	SSD						,
			(Measuring range-0 – 40mm (0 – 49MPa); Cone angle-25 ° 20'; Strength of spring-78.4N/40mm; Outside dimensions-L225mm x diam.40mm; Weight-250g; Total weight-Approx370g;					
			includes case)					<u> </u>



Item no.	PR Number	End User	Item	Qty	Unit	MOOE	СО	Total Cost
9	2025-01-01 87	SSD	Digital Soil Moinsture Meter	4	рс	20,000.00		80,000.00
,		000	Measurement Range: 0 to 50% moisture content on soil.					
			Resolution: 0.1 %					
			Accuracy: ± (5 % + 5 d) F.S. @ 23 ± 5 , F.S. : full scale					
			Circuit Custom one-chip of microprocessor LSI circuit					
			Probe: 2 pins moisture electrode.					
			Data Hold: Freeze the display reading					
			Sampling Time: Approx. 0.8 second.					
			Operating Temperature: 0 to 50 . $^\circ\!$					
			Operating Humidity: Less than 80% R.H.					
			Power Supply: DC 1.5 V battery (UM4/AAA) x 4 PCs					
			Power Current: Approx. DC 5 mA					
			Weight: at least 267 g/ 0.58 LB. @ Battery is included.					
			Dimension: Meter body:172 x 40 x 40 mm (6.8" x 1.6" x 1.6") Probe body: 202 mm x Dia. 10 mm, 8" x Dia. 0.4" Total length (meter + probe) : 374 mm (14.7 ")					
			*Instruction Manual Included					
10	2025-01-01 87	SSD	Core Cylinder	5	set	36,000.00		180,000.00
			I.D.diam.50 x 51mm					
			Material: Stainless Steel 304					
			Quantity: 6pcs with a cloth case					
			Subtotal of 2025-00-0055					400,000.00
						GRA	AND TOTAL	1,827,000.00

Lot 9- Supply and Delivery of Core Sampler Set with sampling tubes

Item	PR Number	End User	Item	Quanti	Unit	MOOE	CO	Total Cost
no.				ty				
1	2025-00-00	LSD	Core Sampler Set with sampling tubes	13	units		1,000,000.00	13,000,000.00
	51							
			Specifications:					
			Soil Sample Shoe					
			Handle with beating head					
			Hammer with nylon					
			1 Brush and 3 knife set					
			Case (plastic)					
			17 sets Sampling tube (100ml)					
			Dimensions: I.D.diam.50 x 51mm					
			Material: Stainless steel 304					
			Quantity: 6 pcs. with 2 lids in a cloth case					
			per set					
			Inclusions					
			2 pcs Shovel					



Tip: Round Shape		
Material: Stainless steel		
weight: ≤220 grams		
Accessories: Waist band leather case		
2pcs Munsell Soil Color Chart		
10R, 10YR, 2.5Y, 2.5YR, 5Y, 5YR, 7.5YR		
10Y-5GY Colors - Olive green		
Gray 1 and 2 (2 separate charts)		
5R individual soil chart		
7.5R individual soil chart		
"New" White page , 7.5R, 10YR, and 2.5Y		
10Y and 5GY soil chart for glauconitic soils		
5R soil chart for Australia and Southeast Asia		
7.5R soil chart for tropical and semi-tropical soils		
- Laminated Hard Cover, Glossy, Ring Binded Cover &		
Sheets		
With openings in between chips to allow easy visual		
comparison with soil samples.		
Color ships are mounted on neutral gray.		
-Water-resistant sheets/pages		
with 1 year warranty on parts and services		
with Authorized or Exclusive		
Distributorship Certificate		
Delivery Site: BSWM Central Office		
BSWM Central Office	Subtotal of 2025-00-00	
	GRAND TOTAL 13,000,000.00	
	URAND TOTAL 15,000,000.00	



BSWM Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPPINES) 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:
- 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, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

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

0. *[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]

