



INVITATION TO BID

The Western Mindanao State University, through its Bids and Awards Committee (BAC), is inviting PhilGEPS registered suppliers to apply for eligibility and to submit bids for the item mentioned hereunder:

Name of Project: **Procurement of Various Agricultural Equipment for the College of Agriculture (Providing Expert Services for Product Innovation and Equipment Utilization Assistance)**

Approved Budget Cost: **PHP 3,223,550.00**

Purchase Request No.: **PR 26-04-143**

Closing Date: **October 2, 2026 @ 9:30 AM.**

Delivery Period: **Thirty (30) Calendar Days**

Bid Docs: **PHP 5,000.00**

1. One (1) unit of BIOSAFETY CABINET

Specification:

- . Protection Type: Open front, inward airflow
- . Airflow Velocity: Average of 0.3~045m/s
- . Filtration: H14, HEPA filter with 99.995% to 99.999% efficiency at capturing 0.3µm particle
- . Noise Level: typically ?60dB
- . Work Surface: 304 stainless steel
- . Illumination/Sterilization: LED lighting and UV Sterilization lamps
- . Glass Sash: Anti-UV toughened tempered glass
- . Consumption: 150W
- . Power Supply: 220/60Hz

With On-Side Training

ABC:PHP 145,000.00

2. One (1) unit of MOISTURE ANALYZER

Specification:

- . Capacity: 0.02-60g
- . Readability: 0.001g; 0.01%/0.1%
- . (selectable)
- . Repeatability: 0.15% (2g); 0.05% (5g); 0.02% (10g)
- . Drying Heater: straight type halogen heater
- . Power: 400W
- . Temperature Range: 50 to 2000C in 10C increments
- . Display: LCD with backlight

With On-Site Training

ABC:PHP 120,000.00

3. Two (2) unit of AUTOMATED SOXHLET EXTRATION APPARATUS or FULLY AUTOMATED FAT ANALYZER

Features:

- . The System is equipped with a full-flourination fluidic path, resistant to high temperature and chemical corrosion from various solvents.
- . Support five extraction modes to accommodate different sample types of extraction needs.
- . One-Touch start and pause control
- . An integrated any leak sensor and real time monitory system and automatically pause and issue alerts upon gas-detection to ensure safety and smooth operation.
- . One-touch solvent recovery

Specification:

- . Temp. Range: 5~3000C
- . Measuring Range: 0~100%
- . Temp. Accuracy: ±0.10C
- . Sample Weight: 0.5~15g
- . Capacity: 6pcs/batch
- . Solvent Cup volume: 150ml
- . Solvent Recovery: ?85%
- . Power Supply: 220V/60Hz



. Consumption: 2500W
With On-Site Training
ABC:PHP 840,000.00

4. Two (2) unit of MACRO KJELDAHL DIGESTION UNIT

Specification:

- . Batch Capacity: 20 sample tubes simultaneously
- . Temperature Range: RT +50C to 4500C
- . Temperature Accuracy: $\pm 10^{\circ}\text{C}$
- . Heating Speed: 8 to 150C/min
- . Digestion tube Size: Standard macro 300ml ($\pm 0.25\text{ml}$)
- . Heating Method: High-purity graphite conduction
- . Insulation Method: Unique air duct
- . Power Consumption: 3.6 kW
- . Power Supply: 220V/60Hz
- . Dimension (WxDxH): at least 515x458x730mm

With On-Site Training.
ABC:PHP 735,000.00

5. One (1) unit of MUFFLE FURNACE

Specification:

- . Chamber Volume: 7.2L
- . Max. Temperature: 12000C
- . Temperature Accuracy & Uniformity: $\pm 10^{\circ}\text{C}$ accuracy, $\pm 60^{\circ}\text{C}$ uniformity
- . Display: Digital
- . Insulator Material: High density ceramic fiber for rapid heating and energy conservation
- . Controller: Microprocessor-based PID intelligent controller
- . Interior Dimensions (WxDxH): Approximately 200x300x120mm
- . Power Consumption: ~3.0 kW to 5.0 kW depending on the maximum heating range

With On-Site Training.
ABC:PHP 125,000.00

6. One (1) unit of FIBER ANALYZER

Specification:

- . Measuring Range: 0.1%~100%
- . Sample Weight: 0.5~3g per piece
- . Repeatability: $\pm 0.4\%$ (craw fiber content below 10%)
 $\pm 0.1\%$ (craw fiber content above 10%)
- . Max. Capacity: 6 samples simultaneously
- . Pre-heating Time: 10~12 min
- . Heating to Boiling: 13~15min
- . Consumption: 2.2KW
- . Power Supply: 1000 Watts, 240V, 60Hz
- . Dimensions: Approximately 530 x 440 x 760 mm (WxDxH)
- . With complete accessories

With On-Site Training
ABC:PHP 147,000.00

7. One (1) unit of AUTOCLAVE

Specification:

- . Capacity: 50L
- . Chamber size: at least 386 mm dia x 514 mm
- . Sterilization temp: 105 to 1360C
- . Temp display accuracy: $\pm 0.10^{\circ}\text{C}$
- . Max temperature: 1500c
- . Working Pressure: 0.22 MPa
- . Max Pressure: 0.28 MPa
- . Timer settings: 0 to 999 mins
- . Pulse exhaust times: 0 to 9 times
- . Pulse exhaust temp: 105 to 1340C
- . Dissolution temp: 60 to 1000C
- . Holding temperature: 40 to 600C
- . Chamber material: SUS 304
- . Basket: 1 pc



. External dimensions: at least 640^ * 550^ * 970mm
. Electricals: 220V, 60/50Hz, 4400W
ABC:PHP 126,000.00

8. One (1) unit of INCUBATOR

Feature:

- . LCD Display
- . PID control, precise temperature control with small fluctuation.
- . Double door design and Magnetic door sealing

Specification:

- . Capacity: 270L
- . Shelves: 3pcs/Adjustable
- . Temperature Range: RT +5~600C
- . Temperature Fluctuation: $\pm 0.30C$
- . Temperature Uniformity: $\pm 0.50C$
- . Temperature Precision: 0.10C
- . Time Range: 0~9999min
- . Power supply: 220V 60Hz
- . Internal Dimensions: at least 600*600*750mm(W*D*H)

With On-Site Training

ABC:PHP 130,000.00

9. One (1) unit of COLONY COUNTER

Feature:

- . Build-in data interface ready to connect to a computer for data statistics of colonies
- . With a counter, probe and count pond

Specification:

- . Display: LED Digital
- . Amplification: 5X, 10X (Adjustable and flexible arm for optimal focal height)
- . Counter Range: 0 ~ 999
- . Suitable Petri Dishes: 50 up to 150mm in diameter
- . Character Height: 13mm
- . Lamp Power: 16W
- . Power Supply: AC220V, 60Hz

ABC:PHP 50,000.00

10. One (1) unit of pH Meter (Portable)

Specification:

- . Measuring Range: (0.00 to 14.00) pH
- . Resolution: 0.01 pH
- . Accuracy: ± 0.01 pH ± 1 digit
- . Temperature Compensation: Auto or Manual, 0 to 100°C (32 to 212°F)
- . mV Measuring Range: ± 1000 mV
- . Resolution: 1 mV
- . Accuracy Temperature: $\pm 0.2\%$ F.S ± 1 digit
- . Measuring Range: 0 to 80°C (32 to 176°F)
- . Resolution: 0.1°C
- . Others Accuracy: $\pm 0.5^\circ C \pm 1$ digit
- . Power Supply: AA Batteries *4 (1.5V*4)
- . With carrying case.

ABC:PHP 25,000.00

11. One (1) unit of FOOD CALORIMETER

Specification:

- . Illuminating/Viewing Geometry: 8/d
- . Measuring Aperture: $\varnothing 8$ mm
- . Detector: Silicon photoelectric diode
- . Color Space: CIEL*a*b*C*h* CIEL*a*b*
- . Light Source: D65
- . Light Source Device: LED blue light excitation
- . Errors Between Each Equipment: $\varnothing 0.40 E^*ab$
- . Storage: 100pcs standards 20000pcs samples
- . Repeatability: Standard deviation within E^*ab 0.07
- . Average of 30 measurements of standard white plat
- . Dimension: at least 205×70×100 mm



. Power source: Rechargeable lithium-ion battery 3.7V@3200mAh
. Charging Time: 2hours (first time 8 hours--100% electricity)
. Measurement Times Before Recharging: More than 3000 times
. Operating Temperature/Humidity Range: -10~40?, relative humidity 0~85% with no condensation
. Data Interface: USB
. Printer : Miniature thermal printer
With On-Site Training
ABC:PHP 147,350.00

12. Five (5) units of PIPETTOR

Specification:

. Channel: 8
. Volume Range: 0.1µL to 10ml
. Fully Autoclavable
. Inclusion of 1000/pack pipet tips
ABC:PHP 125,000.00

13. One (1) unit of ANALYTICAL BALANCE

Specification:

. Capacity: 0~220g
. Readability: 0.1mg
. Pan Size: 80mm
. Stable Time: ?3s
. Repeatability: ±0.0003g
. Liner: ±0.0003g
ABC:PHP 63,000.00

14. One (1) unit of WATER ACTIVITY METER (BENCHTOP)

Specification:

. Working Temp.: 0~50°C
. Working Humidity: 0~95%RH
. Display: LCD display
. Measuring Temperature: 0~50°C
. Range Water Activity: 0~0.980
. Measurement Temperature: ±0.5°C
. Accuracy Water Activity: ±0.015 (@25°C)
. Measurement Time: 5~40min
. Measurement Point: 1
. Temperature Coefficient: ?0.0005/°C
. Activity Repeatability: ?0.015
. Consumption: 15W
. Power Supply: 220V/60Hz

Note: With On site training
ABC:PHP 140,000.00

15. Two (2) units of VORTEX MIXER

Specification:

. Variable speed control from 0 to 2500rpm
. Speed Ranger: 0 to 2500 rpm
. Operating modes: Touch or continuous
. Orbit Diameter: At least 4 mm
. Motor Type: Shaded pole motor
. Shaking Mode: Orbital
. Motor Rating Input: 58W
. Motor Rating Output: 10W
. Speed Display: Scale
. Ambient Temp.: 5-40°C
. Relative Humidity: at least 80%
. Power Consumption: 60W
. Power Supply: 220V/60Hz
ABC:PHP 25,200.00

16. Two (2) unit of STOMACHER

Specification:



- . Motor type: Induction
 - . Motor Speed: 1500rpm
 - . Reduction Ratio: 1:6
 - . Stroke/Frequency: 8.5 stroke/sec (at 50Hz) or 10 stroke/sec (at 60Hz)
 - . Bag Capacity: 50ml to 400ml
 - . Time Setting: Digital
 - . Timer: Adjustable from 15 to 90 seconds or continuous operation
 - . No. of Paddles: 2
 - . Dimensions: at least 24x26x40cm/9.4x10.2x15.7 inches
 - . Power Supply: 220V/60Hz
 - . To include: 50 sterile filter bags of 400ml
- ABC:PHP 230,000.00

17. One (1) unit of ELECTRONIC BOTTLE-TOP DISPENSER

Specification:

- . Volume range: 0.1-99.9mL,
 - . Max piston list: 10mL,
 - . Resolution is 100μL
 - . Dispenser Volume Accuracy:
 $R = 10\text{mL} \pm 30\mu\text{L}$; $CV = 10\text{ml} \pm 10\mu\text{L}$
 - . Stepper Volume Accuracy:
 $R = 1\text{ml} \pm 6\mu\text{L}$; $CV = 1\text{ML} \pm 9\mu\text{L}$
- ABC:PHP 50,000.00

The criteria to be used for the eligibility check of the prospective bidders, examination and evaluation of bids, post qualification and all matters relevant to this procurement shall be in accordance with Republic Act No. 12009 (New Government Procurement Act) and its Implementing Rules and Regulations.

Interested bidders may obtain further information from WMSU BAC Secretariat regarding the checklist of eligibility and technical requirements (Eligibility Checklist can be downloaded in the associated components of this Invitation to Bid).

IMPORTANT NOTICE FOR BIDDERS:

1. Bidding papers may be acquired starting September 10 to October 2, 2026, Monday to Friday, 8:00 AM to 5:00 PM from the BAC Office or download from agency website (www.wmsu.edu.ph) and PhilGEPS website. The WESTERN MINDANAO STATE UNIVERSITY shall allow the bidder to present its proof of payment for the Bidding Documents fees before the submission of their bids, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (Php.5,000.00). (Please attached the machine copy of the Official Receipt)

2. All bidders are required to post a Bid Security, at least Two (2%) Percent of the ABC in the form of Cash, Cashier's Check or Manager's Check or may submit Bid Securing Declaration. Bids without Bid Security will not be considered.

3. The Bidder shall prepare an original of the Eligibility Documents & Technical Components and original of Financial Proposal and clearly mark each "ORIGINAL – ELIGIBILITY DOCUMENTS and TECHNICAL COMPONENTS", and "ORIGINAL – FINANCIAL PROPOSAL", respectively. Bidders shall submit one (1) set of the first and second components of its bid. State the unit price of each item and the total bid price and also state the shortest time of delivery and submit your proposal duly signed by your representative in a sealed envelope. Failure to submit any of the eligibility documents, technical components and financial proposal during bid opening will result in disqualification.

4. Pre-Bid Conference : September 18, 2026 @ 9:30 A.M. @ BAC Conference Office, Ground Floor
Admin Building, WMSU, Z.C.

5. Bid Submission will be on or before October 2, 2026 @ 9:30 AM. through Manual Submission.

6. Bid opening shall be on October 2, 2026 @ 9:30 AM. at BAC Office, Ground Floor Administration Building, WMSU, Zamboanga City, Philippines, 7000. Bids will be opened in the presence of the Bidders representatives who choose to attend at the address above. Late



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bids shall not be accepted.

7. The contract will be awarded to the bidder who submits the Lowest Calculated Responsive Bid (LCRB).

8. Price validity shall be for a period of 120 calendar days.

9. Bidders shall submit original brochures showing certifications of the product being offered.

10. Warranty shall be for a period of Six (6) months for supplies and materials. One (1) year for equipment, from date of acceptance by WESTERN MINDANAO STATE UNIVERSITY.

11. Bids received in excess of the ABC shall be automatically rejected at Bid Opening.

The WESTERN MINDANAO STATE UNIVERSITY reserves the right to reject any or all Bids pursuant to Section 64 and 70 of RA12009 and to accept the bid most advantageous to the government, and to award the contract by lot, if warranted.