



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
Zamboanga City
Telephone No.: 062-991-7875
www.wmsu.edu.ph

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:

- 1.) 1 Unit **Laboratory Oven**
Specification:
 - * Stainless steel interior
 - * Volume: approx. 1,060L
 - * Dimension 1040W x 1200H x 8500D (mm)
 - * Max. no. of grid/shelves: 14
 - * Control Type: Microprocessor
 - * Temperature:
 - > Working Temp. range: up to 300 degree Celsius
 - > Setting/Accuracy: up to 99.9:01/from 100:0.5 degree Celsius
 - * Temperature Display: Vacuum fluorescent
 - * Power: 220V, 60Hz

- 2.) 1 Unit **Benchtop Centrifuge Machine**
Specification:
 - * Max speed: 10,000 rpm
 - * Max. RCF: 10,640 x g
 - * Max. capacity: +/- 10 r/min
 - * Time range: 0 ~ 9,999 min
 - * Noise: </- 60 dB
 - * Power: 220V, 60 Hz
 - * Dimension: 550 x 450 x 365 (LxWxH) mm

- 3.) 1 Unit **Van de Graaff Generator**
Specification:
 - * Large 25cm dome
 - * Sparks off up to 35cm in length
 - * Tall lucite column keeps sphere far above the base, allowing a large voltage generation, and is thick-walled to withstand years of use
 - * Variable speed motor to adjust charge buildup
 - * Belt is easy to replace
 - * To include the following:
 - 1 piece - Installed Belt
 - 1 piece - Replacement Belt

- 4.) 1 Unit **Circulating Water Vacuum Pump**
Specification:
* Sound: \leq 50dB
* Voltage: 220V 50Hz.
* Power Usage: at least 180W
* Water flow: at least 80L/min
* Vacuum flow: 10L/min per channel
* Vacuum: 0.098Mpa / 8mmHg at 5°C, 10mmHg at 10°C, 15mmHg at 15°C, 20mmHg at 20°C
* Dimensions: 43.7 cm x 39.12 cm x 28.5 cm
* Features:
> Vacuum pump with water recirculation system
> Vacuuming while cooling
> Compatible with rotary evaporation systems, distillation or desiccation, sublimation processes
> Pump and water circulation activated independently
> Two vacuum channels with independent pressure gauge
> 15L single access water tank
> Made of durable plastic and stainless metals
- 5.) 1 Unit **Analytical Balance**
Specification:
* Capacity: 320g
* Minimum display: 0.1mg
* Repeatability (standard deviation) \leq 0.1mg
* Linearity: \pm 0.2mg
* Response Time: 3s
* Pan size: 80mm diameter approx.
* Calibration weight: built-in
* Operation Temperature range: 5 to 40 degree C
* Rated electric power supply: DC 12V, 1A
* AC adapter (primary) AC 100-240V, 400mA 50/60Hz
- 6.) 1 Unit **e/m Apparatus**
Specification:
* Helmholtz Coil Radius: 16cm
* Maximum Current: 3.5A
* Filament Voltage: 6.3 VAC
* Acceleration Voltage: 0-200V
* Tube Diameter: 15.5cm
* Include the following accessories:
> 1 piece - Helmholtz Coil for e/m
> 1 piece - Replacement e/m tube
> 1 piece - Tunable DC Power Supply (constant current)
> 1 piece - DC Power Supply (constant voltage)
> 1 piece - Red and Black Patch Cords

7.) 1 Set **Ballistic Pendulum / Projectile Launcher**

Specification:

* To include the following:

- 1 unit - Ballistic Pendulum
- 1 unit - Projectile Launcher
- 1 unit - Projectile Launcher Base
- 2 pieces - 2.5 cm Plastic Balls
- 2 pieces - 2.5 cm Steel Balls
- 2 pieces - Masses (10 gram)
- 1 piece - 2-D Collision Accessory
- 2 pieces - Safety Glasses
- with Operations and Experiment Manual

8.) 2 Sets **Hot Plate with Magnetic Stirrer**

Specification:

- * Speed control range: 250-1250RPM
- * Max. stirring volume (water): 15 liters
- * Plate temp. regulation range: +30 degree C to +330 degree C
- * Temp. uniformity on the plate: ± 1 degree C
- * Working Surface material: Ceramic heating plate (excellent chemical resistance to acids, bases and solvents)
- * Set-up plate dimensions: 150mm x 150mm
- * Length of Magnetic stirring element: 10-50mm max
- * Speed display: LED
- * Speed control: Stepless
- * Heat control: LED
- * Nominal operating voltage: 220V

9.) 2 Units **Triple Beam Balance**

Specification:

- * Calibration: External with calibration mass
- * Beam calibration:
 - Front beam 10gx0.1g
 - Middle beam 500gx100g
 - Rear beam 100gx10g
- * Capacity: 610g
- * Capacity with weight set: 2,610g
- * Readability: 0.1g
- * Pan type: stainless steel
- * Pan size: 6" diameter (15.2 cm dia)

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. 9184 (The Government Procurement Reform 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.

IMPORTANT NOTICE FOR BIDDERS:

1. Bidding papers shall be available upon payment of a non-refundable fee of Five Thousand Pesos Only (Php.5,000.00). Eligible bidders that will download the bidding paper from the PhilGEPS website shall pay the said fee before the submission of their bids. (Please attached the Xerox 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 Proposal, Financial Proposal and clearly mark each "ORIGINAL – ELIGIBILITY DOCUMENTS", "ORIGINAL - TECHNICAL PROPOSAL", and "ORIGINAL – FINANCIAL PROPOSAL", respectively. Bidders shall submit three (3) copies of each bidding documents- "Original", Copy 1", and Copy 2". State the unit price of each item and the total bid price and also state the shortest time of delivery and submit your quotation duly signed by your representative in a sealed envelope.
4. Pre-Bid Conference will be on **April 6, 2021, 10:00 AM** at BAC Office, WMSU, Ground Floor Executive Building, Zamboanga City and/or through video conferencing or webcasting via Zoom, which shall be open to prospective bidders.
5. Bid Submission will be on or before **April 20, 2021 at 10:00 A.M.** through **Manual Submission**.
6. Bid opening shall be on **April 20, 2021** at 10:00 A.M. at BAC Office, Ground Floor Executive 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 bids shall not be accepted.
7. Price validity shall be for a period of 120 calendar days.
8. Bidders shall submit original brochures showing certifications of the product being offered.
9. 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.
10. 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 and to accept the bid most advantageous to the government, and to award the contract by lot, if warranted.