



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
Zamboanga City
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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 **Heavy Duty Analytical Mill**
Specifications:
* with additional 301 SS blade designed specifically for grinding fibrous material such as paper and vegetation (as accessory)
* original cutting blade made of stainless-steel
* mill speed of 20,000 rpm
* motor power: at least 2/3 hp
* sample capacity of at least 250ml or more
* feed particle size of 20mm maximum
* final particle size of 1 to 100 microns
* power input of 230VAC at 50-60Hz
* can be fitted with other specialized blades as its accessories
- 2.) 1 Unit **Digital Reversing Mixer**
Specifications:
* complete system that includes propeller/shaft, support stand, and support clamp
* clockwise and counter-clockwise rotation for a variety of mixing applications
* reversing timed cycles for control vortexing and aeration
* brushless DC motor that maintain speeds at all viscosities
* can mix solutions up to 20,000 cps or up to 25 liters
* motor power 1/10 hp maintenance-free brushless DC motor
* motor speed id=s from 40 to 2010 rpm
* the rpm of the motor is displayed and can be controlled to +/-1rpm
* has a countdown timer that can be set from 1min to 2000 minute
* has sample light illuminator to show how well the solution is being mixed
* maximum torque of 142 (in-oz)
- 3.) 1 Unit **Sieve Shaker with Receiver and Set of Testing Sieves**
Specifications:
* with testing sieves no. 400, 200, 100, 50, 35, 18, and 10
* sieve made of stainless steel frame and stainless steel wire (mesh)
* 8-inch diameter full height sieve
* shaker designed for 8' diameter full height or half-height sieves
* shaker can hold at least six full height sieves or thirteen half height sieves with no top cover and receiving pan included
* shaker with 99-minute digital timer at 0.1-second accuracy
* shaker power input of 220 VAC at 50-60Hz

- 4.) 1 Unit * shaker motor power of 1/4hp
Ultrasonic Bath Sieve Cleaner
Specifications:
* compact designed
* bath capacity of around 5.3L (1.4 gallons)
* made of stainless steel tank plus with the outer casing
* variations up to 37kHz
* has run time selector of; 1 to 5 minutes in 1 minute intervals 5 to 30 minutes in 5 minute intervals
* has a degas mode for HPLC applications
* power input of 230 VAC at 50Hz
* with lid included
- 5.) 1 Set **Standard-Duty Dry Vacuum Piston Pump with Service Kit**
Specifications:
* wetted parts: aluminum (treated for corrosion resistance), stainless steel and PTFE
* maximum operating temp: 104F (40C)
* duty cycle: continuous
* free-air capacity: 0.67cfm(L/min)
* ultimate vacuum: 660 torr (206"Hg)
* maximum pressure: 6.89 bar (100 psig)
* motor: split phase (SP) 1/8hp
* noise rating: 62dB (a)
* port size: internal diameter 1/4"
* vacuum tubing: 1/4" (internal diameter) x 5/8" (outer diameter) made of durable polymer
* power: 230 VAC, 60Hz
* to include: gauge, control knob, water trap, suction cup feet, 6ft cord, two (2) 1/4" barbed fitting, service kits
- 6.) 1 Unit **Tuning Fork Vibration Viscometer with Reference Standard**
Specifications:
* operates on tuning fork vibration method
* for viscometry application that requires high accuracy and fast response time
* accuracy of +/- 1% of reading at full range
* minimum sample requirement of around 35ml
* temperature measurement of 0°C to 100°C
* operating temperature of 10°C TO 40°C
* vibration frequency of 30Hz
* viscosity measurement units of mPa-s, Pa-s, Pa-S/cp, cp, P
* with vacuum fluorescent display
* the interface must be of SB and RS-232 (9pins-25pins)
* viscosity range of 0.3 cp to 10,000 cp
* power input of 230-240 VAC at 50Hz
* with training on equipment use, maintenance & servicing
* includes viscosity standards N.4 (500mL) and N100 (500mL)
* viscosity standards are calibrated to a precision of +/- 0.2% viscosity
* viscosity standards are NIST traceable or with calibration report
* viscosity standard are certified to ASTM D2162 under ISO/IEC 17025 guidelines
- 7.) 1 Unit **Analytical Balance**

Specifications:

- * capacity: at least 320 grams
- * with built-in overload protection
- * with USB interface for connectivity to PC and/or printer
- * minimum display: 0.0001 gram
- * unit used: grams, milligrams
- * repeatability (standard deviation) 0.1mg
- * linearity: ± 0.0002 grams
- * response time: 2s at least
- * with stabilization indicator
- * pan size: 80mm diameter approx.
- * calibration type: internal operation temperature range: 5-40°C
- * rated electric power supply: DC 12V, 1A
- * AC adapter (primary) AC 100-240V, 400mA 50/60Hz

8.) 1 Unit

Laboratory Fume Hood

Specifications:

- * sash: tempered safety glass
- * superstructure: epoxy powder coated steel
- * inner liner: acid and alkali resistant fiberglass
- * base cabinet: safety storage cabinet or normal base cabinet
- * water outlet and cupsink: polypropylene or epoxy resin cupsink
- * valve control: color-coded control service valve for gas and water
- * worktop: chemical resistant worktop
- * power supply: 220V 60Hz
- * switches: fan and light
- * with vapor proof light and exhaust blower
- * with at least 6ft cord with plug
- * air velocity: 0.3 to 0.45 m/s; noise: 50-60 dB \pm 3dB
- * hood width: 36 inches

9.) 1 Unit

Magnetic Stirrer/Hot Plate

Specifications:

- * ceramic top plate material
- * top plate dimension: 26cm length x 26cm width
- * operating temperature: 30°C (min) and 400°C (max)
- * minimum low speed of 50 rpm
- * maximum load capacity of 25lbs or 11.3kgs
- * maximum stirring volume: 6 liters
- * digital display for stirring speed (rpm) and temperature (°C)
- * power input: 230VAC, 50/60 Hz
- * includes a PTFE-coated stir bar and detachable power cord with plug

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. Bid opening shall be on **March 5, 2018** 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.
5. Price validity shall be for a period of 120 calendar days.
6. Bidders shall submit original brochures showing certifications of the product being offered.
7. 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.
8. 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.