



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 Laboratory Chemicals and Equipment for the College of Science and Mathematics***
Approved Budget Cost: ***PHP 918,249.50***
Purchase Request No.: ***PR 24-05-241***
Closing Date: ***September 3, 2024***
Delivery Period: ***Thirty (30) Calendar Days***
Bid Docs: ***Php.1,000.00***

- 1.) *Three (3) bottles of ACTIVATED CARBON
500gms/bottle.*
- 2.) *One (1) bottle of BRADFORD ASSAY REAGENT
250 ml/bottle.*
- 3.) *One (1) bottle of COPPER NITRATE
100 gms/bottle.*
- 4.) *One (1) bottle of DIETHYL ETHER
2.5 Liter/bottle.*
- 5.) *Two (2) bottles of ERICHROME BLACK T
25 gms/bottle.*
- 6.) *One (1) bottle of FOLIN-CIOCALTEU'S PHENOL REAGENT
100 ml/bottle.*
- 7.) *Two (2) bottles of NAPHTHOL (ALPHA-)
100 gms/bottle.*
- 8.) *Two (2) bottles of NAPHTHOL (BETA-)
100 gms/bottle.*
- 9.) *Four (4) bottles of NUTRIENT AGAR
500 gms/bottle.*
- 10.) *One (1) bottle of Orcinol
25 gms/bottle.*
- 11.) *Two (2) bottles of Pepsin
100 gms/bottle.*
- 12.) *Two (2) bottles of Peptone
500 gms/bottle.*
- 13.) *One (1) bottles of Phosphoric Acid
2.5 Liter/bottle.*
- 14.) *Two (2) bottles of Picric Acid
100 gms/bottle.*
- 15.) *One (1) bottles of Potassium Iodate
100 gms/bottle.*
- 16.) *Two (2) bottles of Potassium Iodide
500 gms/bottle.*
- 17.) *Two (2) bottles of Prussian Blue*



250 gms/bottle.

18.) Two (2) bottles of *Silica Gel (60-120 mesh)*
For Column chromatography
500 gms/bottle.

19.) Two (2) bottles of *Silver Nitrate*
100 gms/bottle.

20.) Four (4) bottles of *Sodium Citrate*
500 gms/bottle.

21.) Two (2) bottles of *Sodium Hypobromite*
1 Liter/bottle.

22.) Two (2) bottles of *Stearic Acid*
100 gms/bottle.

23.) Two (2) bottles of *Sulfuric Acid*
2.5 Liter/bottle.

24.) Two (2) bottles of *Tannic Acid*
100 gms/bottle.

25.) One (1) bottle of *Trichloroacetic Acid (TCA)*
500 gms/bottle.

26.) Two (2) bottles of *Xylene*
4 Liter/bottle.

27.) Six (6) bottles of *Xylose*
100 gms/bottle.

28.) Two (2) bottles of *Zinc Chloride (anhydrous)*
250 gms/bottle.

29.) Two (2) bottles of *Zinc Metal (Granules)*
500 gms/bottle.

30.) One (1) set of *ACID-SPILL KIT*

Each kit to contain:

Instruction Card

Protective Aprons

Protective Gloves

Absorbent Mat Pads

Disposable Scoop and Scraper

Waste Bags.

31.) One (1) bottle of *ANILINE*
500 ml/bottle.

32.) Two (2) sets of *BLOOD TYPING SET*

Anti-A Serum

Anti-B Serum

Anti-RH Serum.

33.) Two (2) bottle of *3.5 DINITROSLICYLIC ACID*
100 gms/bottle.

34.) Two (2) bottle of *BARIUM CHLORIDE*
500 gms/bottle.

35.) Two (2) bottle of *BEEF EXTRACT*
500 gms/bottle.



- 36.) Two (2) bottle of *BENZALDEHYDE*
1 liter/bottle.
- 37.) One (1) bottle of *BENZENE-SULFONYL CHLORIDE*
500 ml/bottle.
- 38.) Two (2) bottle of *CALCIUM CHLORIDE 2H₂O*
500 gms/bottle.
- 39.) Two (2) bottles of *COPPER SULFATE PENTAHYDRATE*
500 gms/bottle.
- 40.) Two (2) bottles of *CUPROUS CHLORIDE*
100 gms/bottle.
- 41.) Four (4) bottles of *DISODIUM EDTA*
500 gms/bottle.
- 42.) Fifteen (15) bottles of *ETHYL ALCOHOL, ABSOLUTE*
2.5 liters/bottle.
- 43.) Two (2) bottles of *FERROUS AMMONIUM SULFATE 7H₂O*
100 gms/bottle.
- 44.) Two (2) bottles of *GALACTOSE*
500 gms/bottle.
- 45.) Two (2) bottles of *HEXANE*
4 liters/bottle.
- 46.) Two (2) bottles of *LACTOPHENOL BLUE*
500 ml/bottle.
- 47.) Two (2) bottles of *MAGNESIUM RIBBON*
25 gms/stick
Width: 4mm
Thickness: 0.2mm.
- 48.) Two (2) bottles of *MANGANESE SULFATE 4H₂O*
250 gms/bottle.
- 49.) Two (2) bottles of *MUELLER HINTON AGAR*
500 gms/bottle.
- 50.) One (1) bottles of *N-METHYLANILINE*
500 ml/bottle.
- 51.) One (1) bottle of *PENTA-METHYL PHENOL*
500 ml/bottle.
- 52.) Five (5) sets of *CALORIMETER SET*
Double-walled
With 1.5 ohm heating coil
4mm standard terminals for electrical connections
With insulated stirrer
single-hole rubber stopper
6V DC.
- 53.) Twenty (20) pieces of *CLAY TRIANGLE*
2.5 inches length
made of ceramic.
- 54.) Two (2) units of *EUDIOMETER WITH PLATINUM ELECTRODES*
Specifications:
Capacity: 100 ml



Subdivision: 0.20 ml
Length: 665 mm/30.5"
Outside diameter: 17 mm/0.675
Made of borosilicate glass.

55.) Ten (10) sets of FIRST AID KIT (PORTABLE BOX)
Includes the following:

First Aid Manual, Instant Cold Pack, emergency blanket
Ointment for burns, cuts, blister
Antiseptic solution and wipes
Adhesive bandages with different sizes
Gauze pads (sterile), alcohol, cottons, safety pins.

56.) Six (6) pieces of HALF TYPE RESPIRATOR MASK

Dual airline supplies air compatible
Facepiece Material: Thermoplastic Elastomer (TPE)
Facepiece type: half facepiece reusable
To include replaceable cartridges
Size:
Small -
Medium -
Large -.

57.) Twenty (20) pieces of FUNNEL
75 mm diameter.

58.) Five (5) pieces of INCLINED PLANE
Can set from 0 to 45 degree
Made of wood
with pulley, string and support rod.

59.) Twenty (20) boxes of LABORATORY GLOVES

Material: Nitrile
Powder free
Color: Black
Size:
Medium - 10 boxes
Large - 10 boxes

60.) Four (4) boxes of LABORATORY GRADE TISSUE

Low lint, light duty wiper
Made from virgin wood fibers
11.0 x 21.3 cm.

61.) Ten (10) pieces of MAGNIFYING GLASS

75 mm diameter
With handle.

62.) One (1) pack of MICROPIPETTE TIPS

Color: Blue
fit for 1000 uL
Pack of 500 pieces.

63.) One (1) box of MICROPIPETTE TIPS

10 uL short filter tip
500 pcs/box.

64.) One (1) piece of OSTWALD VISCOSIMETER

Overall length: 230 mm
Capillary diameter: 0.9 mm.

65.) One (1) box of PREPARED SLIDES

Box of 25 slides

To be include in the box:



Ascaris Uterus - 13 slides
Allium Cepa - 12 slides

Note: Every stage of mitosis and meiosis must be clear.

66.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Frog Testis - 10 slides
Frog Ovary - 10 slides
Whitefish Blastula - 5 slides

67.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Amoeba - 13 slides
Escherichia Coli (E. Coli) - 12 slides

68.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Monocytes
Lymphocytes
Neutrophils
Basophils
Eosinophils.

69.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Baacteriology Slides
Vibro Coma
Staphylococcus Aureus
Neisseria Catarrhalis.

70.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Frog Egg
Fish Egg.

71.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Enterobius Vermicularis
Giardia Lamblia
Ancylostoma Duodenale
Necator Americanus
Enta,oeba Hystolica.

72.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Plasmodium Falcifarum
Plasmodium Vivax
Giardia Lamblia
Chilomastix
Monocytis, w.m.



73.) *One (1) box of PREPARED SLIDES*
Box of 25 slides

To be include in the box:
Forg Internal and External Body Parts

74.) *One (1) unit of 5-IN-1 MULTIFUNCTION WATER QUALITY MONITORING*

Specification:

Parameters: Temperature, Dissolve Oxygen, Electrical conductivity, pH and Turbidity

Measurement Range:

EC: 0.00-19.99 EC

pH: 0.00-14.00 pH

CF: 0.0-199 CF

Temp: 0.55 degree Celsius (32~131 degree Fahrenheit)

TDS: 10-19990 ppm

Resolution:

EC: 0.01 EC

pH: 0.01 pH

CF: 0.1 CF

Temp: 0.1 degree Celsius (0.2 degree Fahrenheit)

TDS: 10 ppm

Accuracy:

pH: +/- 0.1 pH

Temp: +/- degree Celsius (+/- 2 degree Fahrenheit)

EC/CF/TDS: +/- 2% F.S.

Automatic Temperature Compensation: 0-50 degree Celsius (32-122 degree Fahrenheit)

Operating Temperature: 0-50 degree Celsius (32-122 degree Fahrenheit)

Power Supply: DC 6 V with rechargeable battery installed

75.) *One (1) unit of GLOBAL POSITIONING SYSTEM (GPS) DEVICE*

Specifications:

Device Type: Navigation device

Display:

Size: 2.2 inches or better

Resolution: 128 x 160 pixels or higher

Technology: Optimized for sunlight readability (transflective) and low power consumption (monochrome) or better

Storage:

Routes: Can store up to 50 frequently used paths or more

Tracks: Can record and store the path taken on up to 200 journeys, with each journey containing up to 10,000 data points or more

Battery Life: up to 25 hours on a single charge or better

76.) *Five (5) unit of Microscope (Compound)*

Specification:

.Head: 45 degree inclined monocular

.Eyepiece: WF10X & 25X

.Objectives: 4X, 10X, 40X

.Condenser: single lens with disc diaphragm

.Stage Dimensions: 3-1/2" x 3-1/2"

.Illumination: LED

.Power Supply: 220V

.To include: Spare LED bulbs and mirrors

77.) *One (1) unit of Micropipettor*

Specifications:

.Capacity range: 5 - 50 uL

.Number of channels: 8

.Minimum variable capacity: 0.5 uL

.Accuracy (%): +/- 3.0

.Reproducibility (%): 2.0

.Autoclavable (121 degree Celsius, 20 minutes)

.With maintenance tool



78.) *One (1) unit of Benchtop pH / Conductivity Meter*

Specifications:

- .Temperature Range: 0 to 150 degree Celsius*
- .Resolution of Temperature Range: 0.1 degree Celsius*
- .Relative Accuracy: +/- 0.2 degree Celsius*
- .Sensor: Resonating Temperature Detector*
- .Temperature Compensation: Automatic & User adjustable*
- .Display: 20 x 2 Line back Lit LCD Display*
- .Keyboard: Alphanumeric - splash water proof polyester soft touch keys*
- .Output: Printer and PC Connectivity*

ENVIRONMENTAL OPERATING CONDITIONS

- .Temperature: Ambient to 45 degree Celsius*
- .Relative Humidity: 5 to 90%*
- .Power requirement: 220v 50Hz or 110v 60Hz*

pH METER SPECIFICATIONS :

- .pH Range: 1.00 to 14.00*
- .Resolution: 0.1/ 0.01/0.001pH*
- .Relative Accuracy: +/- 0.002 pH*
- .Sensor : Combination pH Electrode*
- .Calibration: Auto-Calibration & printout or Calibration Report*
- .mV Range: 0 to +/- 1999.9mV*
- .Resolution of mV Range: +/- -0.1mV*
- Relative Accuracy: +/- 0.2 mV.*

79.) *Five (5) unit of Refractometer*

Specifications:

- .Temperature Compensation: 1 - 40 degree Celsius*
- .Sample Volume: 0.3-0.5mL*
- .Measurement time: 3 seconds*
- .With USB cable*
- .Power supply: Battery*
- .Measurement range: Brix: 0.0 to 55.0%*
- .Measurement range: Temp: 10 to 40 degree Celsius*
- .Resolution: Brix: 0.1%*
- .Resolution: Temp: 1 degree Celsius*

80.) *Five (5) unit of Sphygmomanometer/BP App*

Specifications:

- .Inclusions: Adult-size cuff 25-41cm, Instruction Sheet and Carrying case*
- .Latex free*
- .Display type: Analog*
- .3-piece set (with stethoscope)*

81.) *Five (5) unit of Thermostat*

Specifications:

- .Made of annealed borosilicate glass*
- .Capacity: 500ml*
- .Covered with plastic mesh*
- .Stopper made of polyethylene*

82.) *One (1) bottle of N, N-DIMETHYLAMILINE
500 ml/bottle.*

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 may be acquired starting August 8 until September 3, 2024 from the BAC Office or download from website (www.wmsu.edu.ph). 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 One Thousand Pesos (Php.1,000.00). (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 quotation duly signed by your representative in a sealed envelope.

4. Bid Submission will be on or before September 3, 2024 at 9:30 A.M. through Manual Submission.

5. Bid opening shall be on September 3, 2024 at 9:30 A.M. at BAC Office, 2nd 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 bids shall not be accepted.

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

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

8. 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.

9. 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.