



Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
Don Severino De las Alas Campus  
Indang, Cavite  
cvsu.edu.ph

**BIDS AND AWARDS COMMITTEE**  
**Goods and Consulting Services**

## **SUPPLEMENTAL / BID BULLETIN -2**

This Bid Bulletin is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Bid Documents. Please take note of the changes/adjustments for the project **SUPPLY, DELIVERY, AND INSTALLATION OF VARIOUS LABORATORY EQUIPMENT FOR THE UNIVERSITY – EARLY PROCUREMENT** with an **ABC of ₱ 6,494,000.00**, as follows:

A. Revised/ Additional Specifications:

### **BRITE Center**

Item No. 1: 2 units of Stereomicroscope

- Interpupillary distance: Adjustable between 51 and 76mm
- Illumination: Double adjustable illuminator for incident and transmitted light fitted with two 12V/15W LED bulbs. 230V/50Hz power supply.
- Eyepiece: WF 10x/20-22mm
- Working distance: 100-120mm Pillar stand, low profile base

Item No. 2: 2 units of Trinocular Compound Light Microscope  
No revision in the technical specifications.

Item No. 3: 1 unit of Rotary Evaporator

- Rotary Bottle: 1L (Standard Size)
- Collecting Bottle: 1L (Ball Mill Mouth)
- Condenser: Yes
- Rotating Speed: 0~180 Rpm
- Vacuum: -0.098 MPa
- Temp. Range: Rt~99°C
- Temp. Accuracy:  $\pm 1^\circ\text{C}$
- Stroke Height: at least 120 mm
- Rotating Power: must be compliant with the rotary speed
- Heating Power: 1.5kw
- Shelf Material: Aluminum Alloy
- Power Supply: AC220V $\pm 10\%$ , 50/60 Hz
- With Evaporation Flask (Round-Bottom Flask,
- Receiving Flask, Cold Trap Flask and Diaphragm Vacuum Pump

### **CAS**

Item 4: 2 units of Analytical Balance

- Linearity to  $\pm 0.2\text{-}0.5$  mg

Item 5: 2L Lab Rotary Evaporator Evaporation Apparatus with Motor Lift

- From 2 units changed to 1 unit
- Should be with chiller and diaphragm vacuum pump
- Condenser interface with flask: as per manufacturers' standard

Item 6: 1 unit of Muffle Furnace

No revision in the technical specifications.

### **Makapuno Center**

Item 7: 1 unit of Large Capacity Refrigerated Centrifuge

- Fixed-angle rotor with about six-placer 50mL or preferably more volume capacity of centrifuge tubes

- Speed up to about 30,000rpm
- Temperature adjustment: -22 Celsius to 40 Celsius
- Low noise level
- With AVR
- Two years warranty on parts and service

Item 8: 1 unit of Inverted Microscope

- Long-life LED illumination
- Wide and clear view trinocular
- Applicable for live cell imaging in petri plates and micro plates or cell cultures
- With 4-fold magnification: 4x, 10x, 20x, 40x magnification
- Interference contrast
- Mechanical stage with stage extension plate
- Hemacytometer holder
- Universal holder
- Eye piece micrometer cross lines on X and Y
- Stage micrometer for biological microscope
- With pointer
- Dust cover
- Power cord
- With digital camera and computer interface
- Suitable for fluorescent observation
- Three years warranty on parts and service

### **CVMBS**

Item no. 9: Refrigerated Centrifuge

- Max speed: at least 15,300 rpm - 18,000 rpm
- Temperature setting: -20 to 40°C in 1°C increments
- Size: approximately 70(W)×63(D)×36(H) cm
- Additional specifications of the equipment as follows:
  - One (1) autoclavable angle rotor for microtubes (can hold 24×2mL, 2×0.2mL 8-well PCR, 10×0.5mL, 16×0.2mL PCR); compatible with the refrigerated centrifuge system
  - One (1) autoclavable angle rotor for 50 mL and 15 mL conical tubes; compatible with the refrigerated centrifuge system
  - One (1) autoclavable swinging bucket rotor for PCR plate, Microplate, and deep well plate; compatible with the refrigerated centrifuge system

Item no. 10: PCR Cabinet with UV

No revision in the technical specifications.

Item no. 11: UV Transilluminator with Camera Box for Gel Documentation

- Dimensions: approximately 50 x 35 x 32.5 (H x L x W)
- Lens: F1.2-1.4; 6-12mm Fixed focal
- Removable Gel tray included

Item no. 12: Digital pH Meter with pH electrode glass for liquid solutions

- Portable pH/ORP/Temperature Meter
- powered by AA or AAA batteries included

Item 13: 1 unit of Nephelometer

No revision in the technical specifications.

### **CAFENR**

Item 14: 1 unit of Gas Range with Hood

No revision in the technical specifications.

Item 15: 1 unit of Food Dehydrator Industrial

No revision in the technical specifications.

Item 16: 1 unit of 13" Medium-Duty Manual Gravity Feed Meat Slicer - 3/4 hp

No revision in the technical specifications.

Item 17: 1 unit of Chamber Vacuum Sealer with 10" Seal Bar  
No revision in the technical specifications.

Item 18: 1 unit of 54" Solid Door Reach-In Freezer  
No revision in the technical specifications.

Item 19: 1 unit of Commercial Chest Freezer- minimum 19.4 cu ft  
• Voltage: 220V

Item 20: 1 unit of Compensated Calorimeter  
No revision in the technical specifications.

Item 21: 1 unit of Refrigerated Centrifuge  
• 2ml/5ml/10ml/15ml/50ml x 6  
• Low-Speed 5000-10000rpm  
• 2146xg RCF Lab Benchtop Centrifuges with timer

Item 22: 4 units of Analytical Balance  
• Scales Analytical Balance Digital Microbalance  
• Precision Electronic Balance Scale Resolution: 0.0001g to 200 grams

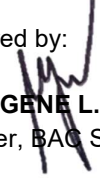
Item 23: 4 units of Desiccator  
No revision in the technical specifications.

Item 24: 1 unit of Spectrophotometer – Optical System  
No revision in the technical specifications.

B. Other Concerns and Reminders:

1. The mode of awarding for the project is on a bid-per-item basis.
2. The standard delivery period is thirty (30) days. However, the delivery period was adjusted to **sixty (60) calendar days (without extension)** in agreement with the BAC, TWG, End-Users, and prospective bidders.
3. The BAC is still requesting prospective bidders to submit **three (3) sets** of bidding documents (Original, Copy 1, and Copy 2) for simultaneous opening and evaluation of the BAC members and TWG.
4. Bid documents should be packaged well and should contain "ear tags" or "document tabs" for easy scanning of all the BAC members.
5. Payment of bidding documents is required before submission of bids. The deadline for bid submission is on **November 26, 2024, at 8:30 a.m.**, late bids will not be accepted.
6. Bid opening will be face-to-face, to be held on **November 26, 2024, at 11:00 a.m.** at CvSU Lasap Hall, Administration Building.
7. Bid submission through the courier system is also allowed. However, the bid documents must be received by the BAC before the deadline for submission of bids.
8. For the payment of bid documents, the prospective bidders are requested to coordinate with the BAC Secretariat. Online payment through Landbank Link.Biz is accepted.
9. For those who are interested in attending the face-to-face bid opening, prospective bidders are advised to send one (1) representative only per company. The University is implementing a health protocol to be strictly observed, thus, wearing face masks and social distancing is encouraged during the bid conference.

Prepared by:


  
**AL EUGENE L. TORRES**  
Member, BAC Secretariat


  
**ROSELYN M. MARANAN**  
Chair, BAC Secretariat

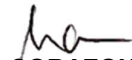
Noted by:


  
**PRECIOSA G. ERAÑA**  
End-User


Certified correct:


  
**RENE B. BETONIO**  
TWG Chair, Medical, Dental and Laboratory Equipment

  
**LANI S. RODIS**  
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Approved:

  
**BETTINA JOYCE P. ILAGAN, PhD**  
Vice Chair, BAC for Goods and Consulting Services

Received by the Bidder : \_\_\_\_\_

Date : \_\_\_\_\_

