




Republic of the Philippines
CAVITE STATE UNIVERSITY
 Don Severino de las Alas Campus
 Indang, Cavite
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**SUPPLY, DELIVERY AND INSTALLATION OF LABORATORY EQUIPMENT FOR
 BEAN 2 PROJECT**

ABC: ₱1,110,000.00

| Item No. | Qty | Item Description | Specifications | Price (PHP) | Total Price (PHP) |
|----------|-----|---|---|-------------|-------------------|
| 1 | 2 | TRINOCULAR STEREO-MICROSCOPE with CAMERA | <p>Technical Specifications of Stereomicroscope</p> <p>Head: Trinocular up to 45° inclined with at least +/- 5 diopter adjustment. Interpupillary distance between 54-75mm with trinocular head supplied with beam splitter</p> <p>Eyepiece: 10x / at least 23 mm</p> <p>Optical System: Zooming Type</p> <p>Objective: 0.65x - 5.5x zoom magnification</p> <p>All objectives with anti-fungal and anti-reflection treatment</p> <p>Stage: Plain with clips, black/white and plexiglass translucent plate</p> <p>Illumination: Up to 3W LED incident illuminators transmitted simultaneously by two gooseneck arms. Both illumination source can be used simultaneously and can be adjusted separately.</p> <p>Stand: Pillar types up 110mm</p> <p>Power supply: Internal 100-240VAC</p> <p>Warranty: At least 2 years warranty after delivery</p> <p>Technical Specifications of Camera</p> | 350,000.00 | 700,000.00 |

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| | |   | <p><i>Should be compatible with the stereomicroscope</i></p> <p>Sensor: At least 1/2.3 inch Recordable Pixel: At least 4912 x 3684 pixels or 18 MP Filter and Mount: At least RGB and C-mount Pixel size: At least 1.25um x 1.25um Exposure: Can support automatic and manual Interface: With HDMI or USB port Other Inclusion: 0.5x objective with C-mount, USB cable, adapters for stereo microscopes, calibration slide Software: Compatible capture and measuring software for Win 10/11 (32/64 bit) Additional Accessory: Monitor compatible with the camera as viewing device</p> <p>Technical Specifications of Monitor</p> <p>Screen Size: at least 14" (display) Panel Type: IPS Native Resolution: at least 640x480 Signal Input: With VGA and HDMI Powers Input: at least 12V/3A</p> <p>Warranty: At least 1 year warranty after delivery After Sales Service: 1 year free after delivery/installation of both equipment. On-Site Demo Installation: Transfer of knowledge</p> | | |
| 2 | 1 | TRINOCULAR LIGHT MICROSCOPE with CAMERA | <p>Technical Specifications of Light Microscope</p> <p>Head: Trinocular up to 30° and rotating up to 360° rotating. Interpupillary distance ranges from 48-75mm with at least +/- 5 diopter adjustment. Eyepieces: at least 10x/ up to 18mm. Nosepiece: Reversible quadruple nosepiece.</p> | 200,000.00 | 200,000.00 |



Objectives: 4x/0.10,
10x/0.25, S40x/0.65,
S100x/1.25 and oil immersion
objectives with antifungal and
anti-reflection technology.

Stage: at least 130x130mm
with mechanical X-Y transla-
tion of at least 70x28mm.

Condenser: With height ad-
justable condenser N.A. 1.25
and iris diaphragm and filter
holder.

Illumination: with at least 1W
Neo LED illumination system.

Other Inclusions: Batteries
and/or power supply 100-
250VAC, power cords, immer-
sion oils.

Additional Features: Anti-
fog and anti-mold.

Warranty: At least 2 years
warranty after delivery.

Technical Specifications of Camera

*Should be compatible with the
light microscope*

Sensor: at least 1/2.3 inch.

Recordable Pixel: at least
4912 x 3684 pixels or 18 MP

Filter and Mount: at least
RGB and C-mount.

Pixel size: at least 1.25um x
1.25um.

Exposure: Can support auto-
matic and manual

Interface: With HDMI or USB
port


Other Inclusion: 0.5x objec-
tive with C-mount, USB cable,
adapters for light micro-
scopes, calibration slide


Software: Compatible cap-
ture and measuring software
for Win 10/11 (32/64 bit)

Warranty: at least 1 year war-
ranty after delivery

After Sales Service: 1 year
free after delivery/installation
of both equipment.

On-Site Demo Installation:
Transfer of knowledge

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| 3 | 1 | <p>LAMINAR FLOW HOOD / CABINET</p>  | <p>Technical Specifications of Laminar Flow Hood / Cabinet</p> <p>External Size (W x D x H): 802x650x1550mm - 1040x615x1770mm</p> <p>Internal Size (W x D x H): 800 x 530 x 540mm - 940 x 540 x 545mm</p> <p>Work Surface Height: 660mm - 750mm</p> <p>Display: LED Display</p> <p>Airflow Velocity: At least 0.3m/s, with adjustable air speed</p> <p>Material</p> <p>Main Body: Main Body: Cold-rolled steel with anti-bacteria powder coating</p> <p>Worktable: Stainless steel</p> <p>Pre-filter: Polyester fiber, washable</p> <p>HEPA Filter: At least 99.99% efficiency at 0.3um</p> <p>Noise: Less than 65dB</p> <p>Front Window: Manual, toughened glass with anti-UV radiation</p> <p>Max Opening: At least 310mm</p> <p>Illuminating Lamp: At least LED Lamp: 8W - 12W</p> <p>UV Lamp: At least 1, 18W - 20W emitting at least 253.7nm</p> <p>Standard Accessory: Base Stand</p> <p>Optional Accessory: Electric height adjustable base stand</p> <p>Caster: Universal wheel with leveling feet</p> <p>Power Supply: At least AC220V±10%, 50/60 Hz; 110V±10%, 60 Hz</p> <p>Warranty: at least 1 year after delivery</p> <p>After Sales Service: 1 year free after delivery/installation of both equipment.</p> | 150,000.00 | 150,000.00 |
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| 4 | 1 | REFRIGERATOR  | Technical Specifications for Refrigerator Inverter Technology: Inverter Chiller Pro Temperature Range: Adjustable from -5°C to 7°C Capacity: 14 cu.ft Wattage: 304W Chiller Type: Upright Chiller Additional Features: Non movable Warranty: at least 1 year after delivery. | 60,000.00 | 60,000.00 |
| GRAND TOTAL | | | | | 1,110,000.00 |