



Republic of the Philippines
VISAYAS STATE UNIVERSITY
 Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : **PPMP-2025-092624-0668**

PR No.: **GF-2024-10-02143**

Date: **10-07-2024**

Dept./Office: **DOPAC**

Category: **Laboratory
Equipment**

Section/End-User: **Jane M. Abapo**

Project Title/Code: **DoPAC Request for Laboratory
Fumehood**

Funding Source: **General Fund - CO**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Laboratory Fumehood Complete Unit	unit	1	1,000,000.00		1,000,000.00

Specification:

Features:

- Microprocessor control system
- Digital LED display
- LED lamp for illumination
- UV lamp for decontamination of the working environment
- 9-level adjustable airspeed exhaust blower
- Air velocity memory function in case of power failure
- Built-in centrifugal blower
- 5 mm motorized front glass window
- Active carbon filter to remove toxic fumes
- Alarm function for filter reaching working time of 3500 hours
- Chemically resistant phenolic resin work table
- Interior material: Highly authentic melamine board, resistant to weak acid and base
- Exterior material: Cold-rolled steel with anti-bacterial coating
- Backside air compensation to avoid turbulence in the working area

Specifications:

- **Exterior Size (W x D x H):** 1040 x 800 x 2200 mm
- **Interior Size (W x D x H):** 820 x 670 x 730 mm
- **Maximum Opening:** 520 mm
- **LED Lamp:** 8 W x 1
- **UV Lamp:** Emission of 253.7 nm for efficient decontamination
- **Air Velocity:** 0.3 m/s to 0.8 m/s
- **Work Surface Height:** 850 mm
- **Exhaust Duct:** PVC 4 meters, ? 300 mm
- **Noise Level:** ? 68 dB
- **Power Supply:**
 - AC 220 V ± 10%, 50/60 Hz

◦ AC 110 V ± 10%, 60 Hz

- **Power Consumption:** 400 W
- **Package Size (W × D × H):** 1190 × 990 × 1690 mm
- **Gross Weight:** 286 kg

Inclusions:

- UV Lamp: 2 pieces
- LED Lamp: 1 piece
- Water Tap: 1 piece
- Gas Tap: 1 piece
- Water Sink: 1 piece
- Base Cabinet: 1 piece
- **Total Load of 2 Waterproof Sockets:** 500 W - 2 pieces
- PVC Exhaust Duct (4 meters): 1 piece
- Pipe Strap: 1 piece
- Active Carbon Filter: 1 piece
- Ducting: 15 meters

TOTAL

1,000,000.00

Purpose: Laboratory Use

Checked by:

GENESIS C. ALBARICO

TWG - Laboratory Equipment

Funds Available:

ALICIA M. FLORES

HEAD, BUDGET OFFICE

Signature:

Printed Name:

Designation:

Prepared by:

JANE M. ABAPO

Noted by:

MARK RYAN R. TRIPOLE

UNIT HEAD, PROJECT LEADER

Approved by:

PROSE IVY G. YEPES

PRESIDENT, VSU