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PR-2024-0906-221319



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

## PURCHASE REQUEST

PPMP No. : **PPMP-2024-090424-0401**PR No.: **GF-2024-09-01677**Date: **09-06-2024**Dept./Office: **DPhys**

Category: **Laboratory**  
**Equipment**

Section/End-User: **Mary Joy P. Israel**  
**Perlie A. Gucela**

Funding Source: **General Fund - CO**Project Title/Code: **DPhys-Lab Equipment 2**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>Basic Optics System</b>	set	4	120,260.00	REV RHIZZA L. AURE	481,040.00

### Specification:

#### 1x Optics Track (1.2 m)

- Rugged aluminum construction
- Built-in metric tape
- Wide central channel for easy snapping
- T-slots on the sides and center for components with square bolts and thumb screws
- Compatible with Optics Bench Rod Clamp

#### 1x Basic Optics Light Source

- Bulb Type: G4 halogen, 12 V, 10 W
- Input Power: 100 to 240 VAC, 50 to 60 Hz (via included AC adapter)
- Dimensions: 16 cm × 11 cm × 9 cm

#### 1x Accessory Lens Set

- Focal Lengths: +250 mm and -150 mm
- Lens Diameter: 50 mm
- Each lens is mounted in a lens holder for protection and easy storage
- Lens holder clips directly to the Basic Optics Track

#### 1x Adjustable Lens Holder

- Compatible with lenses and mirrors with diameters between 19 mm and 75 mm
- Three locking adjustable arms
- Snaps into 60 cm or 120 cm Basic Optics Benches or Dynamics Track Optics Carriage

#### 1x Ray Optics Kit

- Includes:
  - 1x Double-Convex Lens
  - 1x Double-Concave Lens
  - 1x Acrylic Trapezoid
  - 1x Triangular mirror accessory (concave, convex, and plane reflective surfaces)

