



5.E-70



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

PURCHASE REQUEST

PPMP No. : **PPMP-2025-021425-0969**Dept./Office: **DCST**Section/End-User: **Michael Anthony Jay B. Regis**Funding Source: **Trust Fund**PR No.: **TF-2025-04-00503**Date: **05-20-2025**Category: **Laboratory
Equipment**Project Title/Code: **20201050-10.120 Development of
Smart Mobile App and (SBC) Device for Detecting
Feed Adulterants**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Burette with PTFE Stopcock	pc	1	3,800.00		3,800.00
Specification: ?Burette with PTFE Stopcock ?Material: Glass/Borosilicate Glass ?Capacity: 50mL						
2	Trinocular Compound Microscope w 3D Mechanical Stage + 9MP Camera	unit	1	45,000.00		45,000.00
Specification: • Eyepieces: 10X, 20X • Objectives: Achromatic DIN 4X, 10X, 40X(S), 100X(S, Oil) • Head: 30 degree inclined 360 degree swiveling trinocular • Interpupillary distance: 2-1/8" - 3-1/8" (53mm - 77mm) • Adjustable ocular diopter • Photo Port: height-adjustable 23mm tube • Nosepiece: revolving quadruple port • Mechanical Stage: 3D double-layer with caliper, X-Y-Z movement • - Size: 4-5/8" x 5" (118mm x 127mm) • - Travel Range (X-Y): 70mm x 21mm • Condenser: NA1.25 Abbe condenser with iris diaphragm • Transmitted Illumination: variable-intensity LED • Focusing: coaxial coarse & fine knobs on both sides • Power Supply: 100-240VAC, 50/60Hz, AC/DC adapter (UL approved) • Camera Specification ◦ Sensor Type CMOS ◦ Sensor Optical Format 1/2.4" ◦ Active Pixels 9M (3488 x 2616) ◦ Pixel Size 1.67µm x 1.67µm ◦ Active Sensor Area 5.82mm x 4.37mm ◦ Shutter electronic rolling shutter ◦ Sensitivity 0.31V/Lux-sec ◦ Spectral Response 380-650nm with IR-cut filter						

- Capture Resolution and Maximum Framerate 1.9fps @ 3488x26168fps @ 1744x130827fps @ 872x654
- Connectivity USB 2.0
- Lens-mount C-mount
- Compensating Lens 0.5X
- Power 5VDC over USB

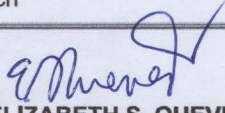
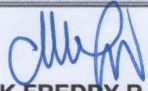
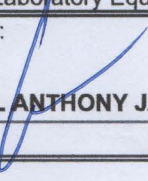
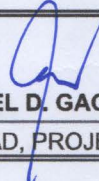
3	Wiley Mill Lab Scale	unit	1	70,000.00		70,000.00
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Specification:

- 2 stationary steel edges , cast Iron chamber.
- Cast iron base. Aluminium
- Cast chamber, polished hoper with cover, wooden plunger, three delivery tubes mounted with sieves cloth mesh no: 20, 40 and 60 mesh.
- One AllenKey for adjusting blades and 3 Glass Jars, brush etc.
- Electrically operated to work on 220 Volts)

	TOTAL					118,800.00
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Purpose: For Research

Checked by:  ELIZABETH S. QUEVEDO		Funds Available:  NICK FREDDY R. BELLO ad	
TWG - Laboratory Equipment		HEAD, ACCOUNTING OFFICE	
Signature:	Prepared by: 	Noted by: 	Approved by:
Printed Name:	MICHAEL ANTHONY JAY B. REGIS	MANUEL D. GACUTAN JR.	PROSE IVY G. YEPES
Designation:		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU