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PR-2024-0306-183908



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

PURCHASE REQUEST

PR No.: **GF-2024-03-00754**Date: **03-06-2024**PPMP No. : **200-2-2088-2024-1-0-0**Dept./Office: **DPhys**Section/End-User: **Perlie A. Gucela**Funding Source: **General Fund - CO**Category: **IT Supplies and Equipment**Project Title/Code: **Completion and Refurbishing of the Old Library Annex Building (Tech and Scientific Equipment) 2023**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	3D PRINTER	set	1	50,000.00		50,000.00

Specification:

Technical Specifications:

?Extrusion Tech: Independent Dual Direct Drive Metal Extruder (IDEX)

?Build Size: 300mm x 300mm x 400mm

?Build Plate Size: 310mm*320mm

?Printer Size: 653mm*625mm*803mm (Including the filament holder)

?Package Size: 730mm*710mm*310mm

?Net Weight: 15kg ?Printing Accuracy: ±0.1mm

?Positioning Accuracy: X/Y: 0.012mm, Z: 0.001mm

?Supported Print Materials: PLA, TPU, TPE, HIPS, ABS, PETG, WOOD, PC, PA, PVA, ASA

. ?Print Speed: 20~120mm/s (suggested 60mm/s)

?Stock Nozzle Diameter: 0.4 mm

?Operational Extruder Temperature: Max 260°C

?Operational Hotbed Temperature: Max 100°C

?Input Formats: STL, OBJ, DAE, AMF

?Ambient Operating Temperature: 8°C-40°C

?Connectivity: SD Card or Data Cable

?7 Step Motors: 42-40 Step Motor*1, 42-34 Step Motor*4, 42-29 Step Motor*2

2	UPS with Built-in AVR	lot	1	65,000.00		65,000.00
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Specification:

4 units of UPS with built-in AVR

Description:

- CPU controlled
- Advanced AVR technology
- Surge protection
- Battery backup
- Auto charge in power off mode
- Overload and short circuit protection
- Resettable Fuse on back panel
- LCD display and Audible alarm

- 3000VA
- 4 Outlets
- Up to 120 Minutes Runtime
- AVR

Specifications:

Input:

Voltage: 220V
Voltage Range: 175-275V
Frequency: 50Hz/60Hz

Output:


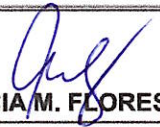
Capacity (Total): 3000VA/1800W
Voltage (On Battery): 220V+-5%
Frequency: 50Hz/60Hz Sync with Utility Power
Transfer Time: 2-6ms Typical
Wave Form: Simulated Sine Wave
Connection: Universal Outlet x4

Battery:

Type: Maintenance-Free Sealed Lead-Acid
Capacity: 12v/9AHx4
Recharging Time: 8Hours > 90%
Back up Time (1PC): Up to 120 minutes (Depending on Load)

	TOTAL						115,000.00
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Purpose: For laboratory use

Checked by:  DIONESIO I. ESTUPA TWG - IT Supplies and Equipment	Funds Available:  ALICIA M. FLORES HEAD, BUDGET OFFICE
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Signature:	Prepared by:	Noted by:	Approved by:
Printed Name:	PERLIE A. GUCELA	REV RHIZZA L. AURE	DANIEL LESLIE S. TAN
Designation:		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU