



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

PURCHASE REQUEST

PR No.: **GF-2022-10-02166**Date: **10-25-2022**

Category: **IT Supplies and Equipment**

Dept./Office: **DepStat**Section/End-User: **Monna E. Bengalan**

Project Title/Code: **Completion and Refurbishing of the Old Library Annex Building (Tech and Scientific Equipment)-2023**

Funding Source: **General Fund - CO**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Desktop Computer, AMD Ryzen 5 5600G, 8GB RAM, RTX 3050	set	6	60,000.00		360,000.00

Specification:

- **Processor:** AMD Ryzen 5 5600G 6 Cores & 12 Threads, 3.9 GHz Base Clock, 4.4 GHz Max Boost Clock, Socket AM4, 3MB L2 & 16MB L3 Cache or higher
- **Motherboard:** AMD B550 Chipset Ultra Durable Motherboard with 5+3 Phases Pure Digital VRM Solution with Low RDS(on) MOSFETs, PCIe 4.0 x16 Slot, Dual PCIe 4.0/3.0 M.2 Connectors, Realtek GbE LAN, High Quality Audio Capacitors and Audio Noise Guard for Ultimate Audio Quality or higher
- **RAM:** 8GB 3200 MHz DDR4 CL16, Intel® XMP-ready and XMP Certified, Ready for AMD Ryzen™, Low-profile heat spreader design or higher
- **SSD:** 512GB PCIe Gen3x4 interface: 3300MB/s read and 3000MB/s write -M.2 2280 form factor with 3D NAND or higher
- **Graphics Processor:** RTX 3050 Dual 8GB GDDR6, Memory Interface 128 bit, DRAM Type GDDR6, Graphics Clock 1552 MHz, Boost Clock 1777 MHz, CUDA Cores 2560
- **PSU:** 600W Bronze 80 PLUS Bronze Certified, 24/7 continuous power output with Active PFC Circuitry or higher
- **Casing:** mATX/ATX casing with transparent acrylic side panels and Cooler Fan Support: front panel 3*120mm/top 2*120mm/rear 1*120mm
- **Monitor:** 24" In Plane Switching (IPS), Full HD 1920x1080 Resolution, Response Time: 5ms, Refresh Rate: 75Hz, Brightness: 250 cd/m2 or higher
- **Keyboard and Mouse Combo:** Spill-resistant design with up to Up to 5 million keystrokes keyboard and full-sized ambidextrous optical mouse
- **Operating System:** Genuine Windows 10 or higher

2	Desktop Computer, Core i9 12th Gen, 32GB RAM, RTX 3070Ti, no Monitor	unit	2	150,000.00		300,000.00
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Specification:

- **CPU:** Intel® Core™ i9-12900KF Processor, 16c (8P+8E), 3.2P-core / 2.4E-core, Up to 5.1P-core / 3.9E-core, 30MB L3 Cache, 14MB L2 Cache
- **Motherboard:** Intel® Z690 (LGA 1700) ATX motherboard with PCIe® 5.0, four M.2 slots, 16+1 DrMOS power stages, DDR5, HDMI®, DisplayPort™, Intel 2.5 Gb Ethernet, USB 3.2 Gen 2x2 Type-C®, front USB 3.2 Gen 2 Type-C®,
- **GPU:** RTX 3070Ti 8GB VRAM, 256 Bit GDDR6x, 6144 Cuda Cores, Core Clock Base: 1575Mhz; Boost: 1770Mhz
- **RAM:** 32GB (2x16GB) 3600 MHz DDR4 CL18 Desktop Memory Kit of 2
- **SSD:** 1TB Gen4 PCIe M.2 2280
- **PSU:** 650W 80+ GOLD Full Modular, Active PFC, Protection: OCP / OVP / OPP / OTP / SCP / UVP

- **Casing:** Mid-tower Compact Case for ATX Motherboards with tempered glass side panel, honeycomb front panel, 360mm radiator support

	TOTAL					660,000.00
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Purpose: For laboratory use

Checked by:

MICHAEL ANTHONY JAY B. REGIS

Funds Available:

ALICIA M. FLORES

TWG - IT Supplies and Equipment

HEAD, BUDGET OFFICE

Signature:

Requested by:

Noted by:

Approved by:

Printed Name:

MONNA E. BENGALAN

Designation:

END USER

UNIT HEAD, PROJECT LEADER

EDGARDO E. TULIN

PRESIDENT, VSU