



STF-2021-10-01424

PURCHASE REQUEST

Dept./Office: DYDC

PR # STF-2021-10-01424

Date: 10-25-2021

Section/End-User: Eddie M. Israel

Category: IT Supplies and Equipment

Funding Source: Special Trust Fund

Project Title/Code: DYDC

Item No.	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1TB, Hard disk Drive, 7200rpm, for desktop	piece	2	3,000.00	ARNEL P. GUCELA	6,000.00
Specification: 711TB 7SATA 6GB/s interface optimizes burst performance; 764MB Cache 7Average Data Rate, Read/Write : 156 7Max Sustained Data Rate, OD Read (MB/s) : 210 7Cache, Multisegmented (MB) : 64						
2	Computer Monitor 24", IPS	set	2	7,500.00		15,000.00
Specification: 7Panel Size: Wide Screen 23.8"(60.5cm) 16:9 7Color Saturation: 72%(NTSC) 7Panel Type : In-Plane Switching 7True Resolution : 1920x1080 7Brightness(Max) : 250 cd/m ² 7Contrast Ratio (Max) : 1000:1 7Response Time : 5ms (Gray to Gray) 7Display Colors : 16.7M 7 Flicker free						
3	Desktop Casing mATX and 700W True Rated Power Supply 80 plus	unit	2	3,000.00	ARNEL P. GUCELA	6,000.00

Specification:

- Casing
 - Front Panel with Metal Mesh for the Best Ventilation
 - Top Control Panel with 3 * USB + HD Audio for User-friendly
 - Super Speed USB 3.0 is Ready
 - Motherboard Compatibility: Micro ATX, Mini-ITX
- Power supply
 - 80 Plus Bronze
 - AC Input: 100V-240VACM 10A-5A 50-60Hz
 - Rated Power: True Rated 700W

4	Dual Monitor Bracket with C-clamp and Grommet Fit	unit	1	2,000.00	ARNEL P. GUCELA	2,000.00
Specification: • Fit in 18-32 inch Monitor, Vesa compatible • Height Adjustable Arm • Maximum Load capacity 13kg each arm(28lb both arms) • Landscape and portrait orientation • Tilt angle free adjustment • Velcro strap cable manager						
5	Keyboard And Mouse Combo Bundle, USB powered	set	2	600.00	ARNEL P. GUCELA	1,200.00

Specification:

- 7Keyboard
 - 7Keycaps: A-Shape, Round Edge
 - 7Hotkeys: No
 - 7Character: Laser Engraving
 - 7Adjustable Keyboard Legs: Yes
 - 7Rating: 5 V / 30 mA
- 7Mouse
 - 7Report Rate: 125 Hz
 - 7Sensor: Optical
 - 7Resolution: 1000 DPI
 - 7Rating: 5 V / 100 mA
 - 7Buttons No.: 3
 - 7Ergonomic Design: Symmetric
 - 7Size: Middle / Big Hands

6	Memory Module DDR4, 16GB (8GB x 2)	pcs	2	5,600.00	ARNEL P. GUCELA	11,200.00
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Specification:

- Memory Type: DDR4
- Memory Size: 16GB Kit (2 x 8GB)
- Tested Latency: 18-22-42
- Tested Voltage: 1.35V

7	Motherboard, Intel B460 Chipset for Intel LGA 1200 Processors	unit	2	5,900.00	ARNEL P. GUCELA	11,800.00
Specification: • Supports 10th Gen Intel® Core™ Processors • Dual Channel Non-ECC Unbuffered DDR4, 4 DIMMs • High Quality Audio Capacitors and Audio Noise Guard with LED Trace Path Lighting • Ultra-Fast M.2 with PCIe Gen3 X4 & SATA Interface • Smart Fan 5 features Multiple Temperature Sensors and Hybrid Fan Headers with FAN STOP • Anti-Sulfur Resistors Design • Ultra Durable™ 15KV Surge LAN Protection • Intel® Optane™ Memory Ready						
8	Processor, Intel Core i7 10th Generation	unit	2	18,000.00	ARNEL P. GUCELA	36,000.00
Specification: • Total Cores: 8 • Total Threads: 16 • Processor Base Frequency: 3.80 GHz • Max Turbo Frequency: 5.10 GHz • Cache 16 MB Intel® Smart Cache • Bus Speed 8 GT/s • Intel® Turbo Boost Max Technology 3.0 Frequency ± 5.10 GHz • Intel® Turbo Boost Technology 2.0 Frequency ± 5.00 GHz • TDP 125 W • Configurable TDP-down Frequency 3.50 GHz • Configurable TDP-down 95 W						
9	Solid State Drive, 250GB NVMe PCIe	pcs	2	2,900.00	ARNEL P. GUCELA	5,800.00

Specification:

- Capacity: 250GB
- Interface: PCIe
- Sequential Read Performance: 2400MB/s
- Sequential Write Performance: 950MB/s
- can last up to 1.75M hours MTTF2 (mean time to failure), with up to 600 TBW2 (terabytes written)

10	UPS, at least 800 watts	unit	1	5,000.00	ARNEL P. GUCELA	5,000.00
TOTAL						100,000.00

Purpose: Needed for DYDC-FM Studio C.

Checked by:

Funds Available:

DIONESIO I. ESTUPA

ALICIA M. FLORES

TWS - IT Supplies and Equipment

HEAD, BUDGET OFFICE

Noted by:

Approved by:

Signature:

Printed Name:

Designation:

EDDIE M. ISRAEL

ROTACIO S. GRAVOSO

EDGARDO E. TULIN

END USER

UNIT HEAD, PROJECT LEADER

PRESIDENT, VSU