Philippine Economic Zone Authority
Management Information Systems Department

Project Title: 1 Lot Desktop Computer with UPS

Technical Specifications

Item 1: 45 units All-in-One Desktop Computer	
SPECIFICATION	
ISO Certification	Manufactured by an ISO 9001 or ISO 9002 certified Personal Computer manufacturing company (supported by certified true copy of ISO Certification)
Quality Assurance	All components must be branded and should be factory installed with corresponding part numbers and descriptions that can be viewed and verified via web.
	The manufacturer's signature must be etched / printed / embedded on the motherboard (supported by a manufacturer's certification).
	Must have a real-time, web-based warranty information on all parts.
	Brand must have a manufacturer's local depot for spare parts (supported by a letter of certification and address from the manufacturer with the option of the agency to do site visit).
Form Factor	Integrated All-in-One
Processor	Intel Core i5-10400 Processor (12MB Cache, up to 4.30GHz with Turbo Boost)
Chipset	Intel® Chipset Q470
Memory type	1 x 16GB DDR4-2666MHz SODIMM
Memory Slot	Two (2) Slots
Storage	512GB Solid State Drive, M.2 2242, PCIe-NVMe, TLC
Storage Support	2 x 2.5" HDD up to 2TB
Expansion Slot	Two (2) M.2 Slots
Graphics	Dedicated 2GB GDDR5
Display	23.8" widescreen anti-glare, Borderless Design, Support Low Blue Light Mode (non-touch) Native Resolution: 1920 x 1080
Camera	Integrated 1080P Camera with physical on/off
Microphone	Dual Array with Microphone mute button
Audio	Integrated Hight Definition Audio
Speaker	Two (2) Stereo Speakers
Ethernet	Integrated Gigabit Network Connection
Wireless LAN	Intel Wireless-AC, 802.11 ac Dual Band Wifi, Bluetooth Version 5.0
I/O Ports	4 - USB 3.2 (rear) 2 - USB 3.2 (side) 1 - USB-C 3.2 (5V/3V Charging) 1 - Microphone/Headphone Jack or 1 Universal Audio Jack 1 - Display Port 1 - RJ-45
Keyboard	Standard USB Keyboard (same brand)
Pointing device	Standard 2-Button Optical Scroll USB Mouse (same brand)
Physical Lock	Kensington® Security Slot
BIOS Security	Power-on password
	Administrator password
	Hard disk password
	Boot sequence control
	Boot without keyboard and mouse
	Smart USB protection (allows keyboard/mouse only, blocks all storage devices)
	Individual USB port disablement
	Self-healing BIOS

Energy Star® Certification	Energy Star® 8.0 Certified
RoHS Certified	Yes
Military-Spec Test	MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)
Warranty	3 years parts, 3 years labor, 3 years onsite: Next Business Day
	Must have a local technical support Toll-Free number for technical assistance within working hours and should be operational and functional for at least within the warranty period.
	Must have the manufacturer's warranty certificate

Item 2: 45 units Uninterruptible Power Supply (UPS)	
SPECIFICATION	
Quality Assurance	The brand's manufacturer must have a website for components or accessories, where information and descriptions can be viewed by the service provider and end-user.
	Brand must have a manufacturer's local depot for spare parts (supported by a letter of certification and address from the manufacturer with the option of the agency to do site visit).
ISO Certification	Manufactured by an ISO 9001 certified manufacturing company.
Output Power Capacity	325 - 360 Watts / 625 - 650 VA
Technology	Line Interactive
Nominal Output Voltage	230 V
Output Frequency	Auto Sensing, 60Hz
Nominal Input Voltage	230 V
Input Frequency	45 - 65 Hz
Input voltage range for main operations	160 - 290 V
Output Connections	Four (4) NEMA 5-15R
Surge energy rating	190 Joules or higher
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof
Backup Time	At least 16 minutes for 1 PC
Communication Port	USB Port
Management Software	Yes
RoHS Compliant	Yes (Supported by Manufacturer's certificate)
Warranty	2 years parts, 2 years labor, 2 years onsite
	Must have a local technical support for technical assistance within working hours and should be operational and functional for at least within the warranty period.
	Must have the manufacturer's warranty certificate

Delivery Period: 60 Calendar Days

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