

**Philippine Economic Zone Authority**

Management Information Systems Department

Technical Specification for Bidding - IT Equipment (1 Lot)

Qty	Specification		
45	<b>Item 1: (1 Lot) All-in-One Branded Desktop Computer</b>		
	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 or printed or embedded on the motherboard. (supported by a certification from the manufacturer)	
		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 H470 Chipset	
	Memory type	1x16GB DDR4 2666MHz SoDIMM	
	Memory slot	Two (2) slots	
	Storage	512GB Solid State Drive, M.2 2242, PCIe-NVMe, TLC	
	Storage Support	1x 2.5" HDD up to 2TB 1x M.2 SSD up to 1TB	
	Expansion Slot	Two (2) M.2 Slots	
	Graphics	Integrated High Definition Graphics : 4K Support at 60 Hz, DirectX 12	
	Display	21.5" widescreen anti-glare, Borderless Design (none-touch) Native Resolution: 1920x1080	
	Camera	Integrated 1080P Camera with physical on/off	
	Microphone	Dual Array with Microphone mute button	
	Audio	Integrated High 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	
	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		
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)		
Delivery Period	120 calendar days		
Warranty	3 years parts, 3 years labor, 3 years onsite : Next Business Day		
	Must have a 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		

Qty	Specification	
45	<b>Item 2: Uninterruptible Power Supply (UPS)</b>	
	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. (supported by certified true copy of ISO certification)
	Output Power Capacity	325-360 Watts / 625-650 VA
	Technology	Line interactive
	Nominal Output Voltage	230 V
	Output Frequency	Auto Sensing, 60 Hz
	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
	Backup Time	At least 16 mins for 1 PC
	RoHS Compliant	Yes (supported by Manufacturer's Certificate)
	Communication Port	USB Port
	Management Software	Yes
	Delivery Period	120 calendar days
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	

Prepared by:

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