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Department of Public Works and Highways
CENTRAL OFFICE

**Standard Technical Specifications for
ICT Equipment**

Issue Date :	19-Jun-23
Doc. Code	DPWH-IMS-OMP-IMSPPS-04-03a
Revision No.	2
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Name of Equipment: DESKTOP COMPUTER for Administrative Use

Description: For Administrative Use

Main Equipment Components	Specification
Computer	
<i>Processor & Chipset</i>	Core-i5 (12th Gen), 6-cores and 64-bit or its equivalent
<i>Internal Memory</i>	8 GB DDR4
<i>Storage</i>	1TB 7200RPM HDD
<i>Display & Graphics</i>	21-inch Diagonal Full High-Definition Wide Screen or Wide Viewing Angle LED Display (same brand as CPU); Integrated graphics memory
<i>Audio</i>	Integrated Sound Card with internal speaker
<i>Expansion Slot</i>	4 slots on-board, at least 1 PCI Express slot
<i>I/O Ports</i>	6 USB (2 front, 4 rear at least 1 Type-C), VGA, Audio, HDMI / Display Port, Ethernet (RJ-45)
<i>Network Interface</i>	Integrated Gigabit Ethernet
<i>Casing</i>	3 to 4 Bays for Hard Disk Drive (HDD)
Software	
<i>Operating System</i>	Licensed OEM Windows 11 Professional 64-bit with media installer. Must be activated with Microsoft prior to delivery.
<i>Recovery Media</i>	Recovery disc for all drivers and utilities must be stored in any electronic storage media. It must be properly labelled and virus free.
<i>Office Software</i>	Microsoft Office Standard (latest version) under Cloud Solution Provider (CSP) Agreement. The licenses must be perpetual and transferrable. It must be licensed and named after the DPWH and can be added to the Department's existing tenant domain dpwhgovph.onmicrosoft.com and primary domain dpwh.gov.ph. The Supplier must present a certificate as a Certified CSP Direct Partner in the Philippines.

Accessories	Specification
<i>Keyboard</i>	Manufacturer's Standard (same brand as the Computer)
<i>Mouse</i>	Optical with mouse pad (same brand as the Computer)
<i>Webcam</i>	2MP FHD
<i>Headset</i>	Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/USB connections type. Must be compatible with the offered desktop)
<i>Power Supply</i>	Manufacturer's Standard
<i>Cables and Connectors</i>	All necessary cables and connectors; patch cord (CAT5e, factory crimped with RJ-45 connector, 5 meters, preferably color orange).

Other Requirements:

Brand and Model: Must be an International Brand Name with existence of at least ten (10) years in the Philippines. It must be in the current catalog and not end-of life. Manufacturer's certificate is required.



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Name of Equipment: DESKTOP COMPUTER for Administrative Use

Description: For Administrative Use

Components: All Components must be the same brand as the Computer (except for the webcam, and headset) and manufacturer installed.

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For Desktop Computers that do not carry an Energy Star label, an appropriate means of proof of Energy consumption levels shall be submitted such as a technical dossier of the manufacturer or a test report from a recognized body to demonstrate compliance with this requirement.

Documentation and Media: All equipment shall be supplied with the standard manufacturer's documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier is required to provide a 3-yr warranty for parts and associated software and onsite labor, 1-year on mouse, and headset with microphone from the Date of the Inspection and Acceptance Report (IAR).

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00am - 5:00pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

Additional Notes: N/A

The Technical Specifications for UPS (for Workstation) shall be attached.

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Name of Equipment: DESKTOP COMPUTER for Applications Use

Description: For Applications Use

Main Equipment Components		Specification
Computer	<i>Processor & Chipset</i>	Core-i5 (12th Gen), 6-cores and 64-bit or its equivalent
	<i>Internal Memory</i>	8 GB DDR4
	<i>Storage</i>	1TB 7200RPM HDD + 512GB SSD
	<i>Display & Graphics</i>	21-inch Diagonal Full High-Definition Wide Screen or Wide Viewing Angle LED Display (same brand as CPU); 2 GB dedicated graphics memory
	<i>Audio</i>	Integrated Sound Card with internal / external speaker
	<i>Expansion Slot</i>	4 slots on-board, at least 1 PCI Express slot
	<i>I/O Ports</i>	6 USB (2 front, 4 rear at least 1 Type-C), VGA, Audio, HDMI / Display Port, Ethernet (RJ-45)
	<i>Network Interface</i>	Integrated Gigabit Ethernet
	<i>Casing</i>	Two (2) external drive bays
Software	<i>Operating System</i>	Licensed OEM Windows 11 Professional 64-bit with media installer. Must be activated with Microsoft prior to delivery.
	<i>Recovery Media</i>	All drivers and utilities must be stored in any electronic storage media. It must be properly labelled and virus free.
	<i>Office Software</i>	Microsoft Office Standard (latest version) under Cloud Solution Provider (CSP) Agreement. The licenses must be perpetual and transferable. It must be licensed and named after the DPWH and can be added to the Department's existing tenant domain dpwhgovph.onmicrosoft.com and primary domain dpwh.gov.ph. The Supplier must present a certificate as a Certified CSP Direct Partner in the Philippines.
Accessories		Specification
	<i>Keyboard</i>	Manufacturer's Standard (same brand as the Computer)
	<i>Mouse</i>	Optical with mouse pad (same brand as the Computer)
	<i>Webcam</i>	2MP FHD
	<i>Headset</i>	Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/usb connections type. Must be compatible with the offered desktop)
	<i>Power Supply</i>	Manufacturer's Standard
	<i>Cables and Connectors</i>	All necessary cables and connectors; patch cord (CAT6, factory crimped with RJ-45 connector, 5 meters, preferably color orange).

Other Requirements:

Brand and Model: Must be an International Brand Name with existence of at least ten (10) years in the Philippines. It must be in the current catalog and not end-of life. The Manufacturer's certificate is required.

Components: All Components must be the same brand as the Computer (except for the webcam, and headset) and manufacturer installed.



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**Standard Technical Specifications for
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Issue Date:	11-Dec-23
Doc. Code:	DPWH-IMS-OMP-IMSPPS-04-03c
Revision No.	2
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Name of Equipment: DESKTOP COMPUTER for Applications Use

Description: For Applications Use

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For Desktop Computers that do not carry an Energy Star label, an appropriate means of proof of Energy consumption levels shall be submitted such as a technical dossier of the manufacturer or a test report from a recognized body to demonstrate compliance with this requirement.

Documentation and Media: All equipment shall be supplied with standard manufacturer documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier is required to provide a 1-yr warranty on all parts including mouse, and headset with microphone, associated software and onsite labor from the Date of the Inspection and Acceptance Report (IAR).

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00am - 5:00pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

Additional Notes:

The UPS (650VA) shall be issued in bundle with the Desktop Computer for Applications Use tech specs.

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