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Name of Equipment: LAPTOP COMPUTER for Applications Use

Description: For Applications Use

Main Equipment Components	Specification
Laptop	
Processor & Chipset	Core-i7 (12th Gen), 10-cores, and 64-bit or its equivalent
Internal Memory	16GB DDR4
Storage	512GB SSD
Display & Graphics	14" Diagonal Full High-Definition LED Wide Screen Display; 2GB GDDR6 dedicated graphics memory
Audio	Integrated high-definition audio support, integrated speakers and integrated digital microphone.
Webcam	Integrated widescreen HD
I/O Ports	3 USB (2 Type-A and 1 Type-C), HDMI/DisplayPort, Headphone/Microphone Jack
Network Interface	Bluetooth, and wireless LAN (auto detecting and auto sensing)
Weight	not more than 1.9 kg / 4.2 lbs.
Software	
Operating System	Licensed OEM Windows 11 Professional 64-bit with media installer. Must be activated with Microsoft prior to delivery.
Recovery Media	All drivers and utilities must be stored in any electronic storage media. It must be properly labelled and virus free.
Office Software	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
Mouse	Optical with mouse pad (same brand as the laptop)
Carry Case	Manufacturer's Standard
Cable Adapter	Gigabit Ethernet Cable Adapter (for laptop models without Ethernet port)
Headset	Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/USB connections type. Must be compatible with the offered laptop)

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. A manufacturer's certificate is required.

Components: All components must be the same brand as the laptop and factory installed and new. The Supplier is not allowed to change or add any components to the equipment.

Regulatory: ENERGY STAR certified (with Energy Star Stamp). For Laptops 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.



Department of Public Works and Highways
CENTRAL OFFICE

**Standard Technical Specifications for
Laptop Computers**

Doc. Code: QMS-11.1.1-043 Rev00

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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 must provide a 1-year warranty on all parts including mouse, headset with microphone, and associated software and onsite labor from the Date of the Inspection and Acceptance Report (IAR).

In any case that the laptop needs to be pullout for servicing, the Supplier must return the unit within two (2) weeks or a service unit with the same or higher specifications must be issued.

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

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