

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
SURIGAO DEL SUR I
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE XIII
Tandag City



Department of Public Works and Highways
CENTRAL OFFICE

**Standard Technical Specifications for
Desktop Computers**

Doc. Code:

QMS-11.1.1-042 Rev00

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Name of Equipment: DESKTOP COMPUTER for Administrative Use

Description: For Administrative Use

Main Equipment Components

Specification

Computer

Processor & Chipset

Core-i3 (13th Gen) or its equivalent, minimum of 4-cores

Internal Memory

8GB DDR4

Storage

512GB SSD

Display & Graphics

21-inch Diagonal Full High-Definition Wide Screen or Wide Viewing Angle IPS Display (same brand as CPU); Integrated graphics memory

Audio

Integrated Sound Card with internal/external speaker

Expansion Slot

4 slots on-board, at least 1 PCI Express slot

I/O Ports

Minimum of 6 USB slots (at most 1 Type-C), HDMI/Display Port, Audio Port, Ethernet (RJ-45)

Network Interface

Integrated Gigabit Ethernet

Casing

Two (2) external drive bays

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 labeled 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

Keyboard

Manufacturer's Standard (same brand as the computer)

Mouse

Optical with a mouse pad (same brand as the computer)

Webcam

2MP FHD

Headset

Headset with Microphone (1-meter cable length, with noise cancellation feature, audio jack/USB connections type. Must be compatible with the offered desktop)

Power Supply

Manufacturer's Standard

Cables and Connectors

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 globally recognized brand of computers and has been marketed in the Philippines for the last ten (10) years. 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. The supplier is not allowed to change or add any components to the equipment.



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Name of Equipment: DESKTOP COMPUTER for Administrative Use

Description: For Administrative 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 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).


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

Additional Notes:

The UPS (650VA) shall be issued in bundle with the Desktop Computer for Administrative Use tech specs. This technical specification shall be issued along with the Certification issued by IMS.

Prepared by:

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RHALF B. CAWALING
Director, Information Management Service

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ADOR G. CANLAS, CESO IV
Undersecretary Technical Services
and Information Management Service

Approved Date: 10 16 24



Department of Public Works and Highways
CENTRAL OFFICE

Doc. Code:

QMS-11.1.1-035 Rev00

**Standard Technical Specifications for
Printers**

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Name of Equipment: MULTIFUNCTION INKJET PRINTER (A4)

Description: For daily document printing, copying and scanning

Warranty and Maintenance: The Supplier must provide a one (1) year warranty for parts and onsite labor from the date of the Inspection and Acceptance Report (IAR).

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

Additional Notes: This technical specification shall be issued along with the Certification issued by IMS.

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Department of Public Works and Highways
CENTRAL OFFICE

Doc. Code:

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**Standard Technical Specifications for
Projector**

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Name of Equipment: PROJECTOR (Travel Series/Portable)

Description: For projection of electronic files during presentation and meeting conducted outside the Department's premises

<i>Main Equipment Components</i>	<i>Specification</i>
<i>Technology</i>	DLP / 3LCD
<i>Resolution</i>	WXGA (1280 x 800)
<i>Aspect ratio</i>	16:10
<i>Contrast ratio</i>	10,000:1
<i>Throw Distance</i>	600 mm
<i>Brightness (normal)</i>	600 lumens
<i>Lamp Life</i>	20,000 hours
<i>I/O Ports</i>	HDMI, USB
<i>Weight</i>	Not more than 0.45 kg
<i>Power</i>	220-240 VAC
<i>Accessories</i>	<i>Specification</i>
<i>Cables and Connectors</i>	All necessary cables and connectors
<i>Remote Control</i>	Manufacturer's Standard (with batteries)
<i>Lens Cap</i>	Manufacturer's Standard
<i>Carrying Case</i>	Manufacturer's Standard
<i>Laser Pointer</i>	Same brand as projector (with PgUp/PgDn functions)

Other Requirements:

Brand and Model: Must be globally recognized brand of projectors and has been marketed in the Philippines for the last ten (10) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.

Documentation and Media: The 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 one (1) year warranty for parts and onsite labor from the date of the Inspection and Acceptance Report (IAR).

Technical Support: The local technical support through 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: This technical specification shall be issued along with the Certification issued by IMS.

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Name of Equipment: MULTIFUNCTION INKJET PRINTER (A4)

Description: For daily document printing, copying and scanning

Main Equipment Components

Specification

General

Print Technology

Inkjet (Color)

Print Speed

Draft: 30 ppm or ISO: 17 ipm ; speed measured using A4/Letter size paper

Print Quality

600 x 600 dpi

Copy Speed

Draft: 11.5 cpm or ISO: 5.5 ipm; speed measured using A4/Letter size paper

Scan Resolution

1200 dpi

Scan Features

Multi-sheet scan to single PDF file; Scan to Network Folder; Scan to USB/Memory Device

Scan Type

Flatbed and ADF

Duty Cycle

5,000 pages per month

Memory

N/A

Ink/Toner System

Continuous Ink Supply System or Ink Tank System (original or built-in); Refill must be available nationwide. Certificate of Authenticity is required.

Network Interface

Fast Ethernet

IO Ports

USB 2.0 (Type A); Ethernet (RJ-45)

Paper Handling

Duplex Printing

Automatic two-sided printing

Paper Trays

Two Trays; Standard Input tray (250 sheets), Multi-purpose tray (100 sheets)

Maximum Media Size

Legal (8.5in x 14in)

Media Type

Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, photo, brochures.

Software

Supported OS

Windows 11, 10 (32-bit and 64-bit)

Drivers

Original CD/DVD copy or in any electronic media storage. Must be compatible with 32-bit and 64-bit operating system.

Accessories

Specification

Ink/Toner Cartridge

Pre-installed ink tanks with an additional three (3) standard ink refill bottles per color.

Cables and Connectors

All necessary cables and connectors; patch cable (CAT6, factory crimped with RJ-45 connector, 5 meters, preferably color orange).

Other Requirements:

Brand and Model: Must be globally recognized brand of printers and has been marketed in the Philippines for the last ten (10) years. It must be in the current catalog and not end-of-life. The Manufacturer's certificate is required.

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