



**Standard Technical Specifications for
Plotter**

Name of Equipment: MULTIFUNCTION LASER PLOTTER (36")

Description: For printing, scanning, and copying of technical documents in large format using waterproof/water resistant ink

<i>Main Equipment Components</i>	<i>Specification</i>
General	
<i>Print Technology</i>	Color Laser (waterproof or water resistant)
<i>Print and Copy Speed</i>	210 A1 per hour
<i>Print Quality</i>	600 x 2400 dpi
<i>Scan Resolution</i>	600 dpi
<i>Memory (RAM)</i>	1GB
<i>Storage</i>	500GB
<i>Ink / Toner System</i>	Genuine Toner with waterproof ink. Toner must be available nationwide. Certificate of Authenticity is required. Pre-installed ink cartridge with additional three (3) high yield ink cartridge per color.
<i>Network Interface</i>	Gigabit Ethernet
<i>IO Ports</i>	RJ-45, USB 2.0 / 3.0
<i>Power</i>	240 VAC
Paper Handling	
<i>Maximum Media Size</i>	36" wide
<i>Media Type</i>	Bond and coated, technical paper, film, and photographic paper
<i>Trays</i>	Two Trays (Standard Input Tray, Media Bin)
<i>Document finishing</i>	Sheet feed; roll feed; automatic cutter (cuts all media except canvas)
Software	
<i>Supported OS</i>	Windows 11, 10
<i>Drivers</i>	Original CD/DVD copy or in any electronic media storage.
Accessories	<i>Specification</i>
<i>Cables and Connectors</i>	All necessary cables and connectors; patch cable (CAT6, factory crimped with RJ-45 connector, 5 meters, preferably color orange)
<i>Printer Stand</i>	Manufacturer's Standard
<i>Media Bin</i>	Manufacturer's Standard
Other Requirements:	

Brand and Model: The offered plotter must be from a globally recognized brand that has been marketed in the Philippines for at least the past 10 years. The model must be listed in the current catalog and must not be end-of-life from the time of bidding until the expiration of the warranty period. A Manufacturer's Certificate is required.

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

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 a three (3) years warranty for parts and onsite labor from the date of the Inspection and Acceptance Report (IAR).



Department of Public Works and Highways
CENTRAL OFFICE

**Standard Technical Specifications for
Plotter**

Doc. Code

QMS-11.1.1-049 Rev01

Page No.

Page 2 of 2

Name of Equipment: MULTIFUNCTION LASER PLOTTER (36")

Description: For printing, scanning, and copying of technical documents in large format using waterproof/water resistant ink

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.

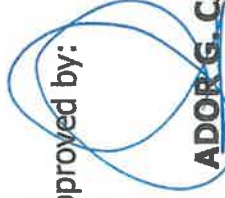
Prepared by:

MARY JANE N. PANTOJA
Chief, Business Innovation Division
MJC

Checked by:


RHALF B. CAWALING
Director, Information Management Service

Approved by:



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

Approved Date: 08 APR 2025