



**DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN**



MEMORANDUM

FOR : THE OIC, REGIONAL EXECUTIVE DIRECTOR

**THRU: THE ARD FOR MANAGEMENT SERVICES
THE CHIEF, PMD**

FROM : THE PLANNING AND MANAGEMENT PERSONNEL

**SUBJECT : POST ACTIVITY REPORT: CONDUCT OF CRITICAL
OCULAR INSPECTION OF ICT INFRASTRUCTURE AT
PENRO SURIGAO DEL NORTE AND PENRO DINAGAT
ISLANDS TO FINALIZE THE ICT PROGRAM OF WORKS FOR
THE REHABILITATION EFFORT**

DATE : November 25, 2025

The ICT Technical Team, together with the local ICT consultant, conducted an ocular inspection of the ICT infrastructure at PENRO Surigao del Norte and PENRO Dinagat Islands on November 18–21, 2025. The primary purpose of this activity was to gather accurate on-site information needed to finalize the ICT Program of Works (POW) for the rehabilitation efforts. The team also carried out the emergency delivery, installation, and configuration of the new Starlink Flat High-Performance Kit at PENRO Dinagat Islands to immediately restore reliable high-speed internet connectivity as part of the after-sales support.

During the inspection at PENRO Dinagat Islands, several areas for improvement were identified to make the ICT setup safer, more organized, and better prepared for future expansion. The team recommended enlarging the server room to give more space for equipment and technical work, as the current layout is already congested. It was also advised to elevate the server room to protect devices from unexpected flooding, which has been a recurring concern in the area. Proper cable management was highlighted, specifically routing network cables through the ceiling to avoid clutter and potential hazards. Additional measures such as installing ceiling protection to prevent leaks from damaging equipment and adding a solar power system were also recommended to ensure continuous network operations during power interruptions.

At PENRO Surigao del Norte, the inspection revealed the need to improve the physical security and overall structure of the server room. The current plywood door does not provide adequate protection, so the team recommended replacing it with a proper glass partition to ensure better durability and security. Recabling of old and tangled network lines was also suggested to improve network performance and make future maintenance easier. To protect fiber connections running between buildings, the team recommended installing PVC pipes to safeguard the cables from weather exposure and accidental damage. Furthermore, several workstations, especially those using critical information systems like LAMS, were advised to be provided with dedicated LAN lines for stable and reliable system access.

Overall, the inspection allowed the team to clearly identify the current ICT challenges and propose practical, long-term solutions that will help both PENRO offices improve their



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daily operations. The successful installation of the Starlink internet system in Dinagat Islands immediately addressed their urgent connectivity issue, enabling smoother communication and data processing. These findings and recommendations will guide the finalization of the ICT POW and contribute to establishing a stronger, safer, and more dependable ICT infrastructure for both field offices.


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