

## MANILA INTERNATIONAL AIRPORT AUTHORITY

### ACCOMPLISHMENT REPORT ON MAJOR PROJECTS CY 2024

#### I. Completed

##### A. Improvement of the Airside

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
1	Thermoplastic Repainting of Pavement Markings in Taxiway Delta, Terminal 3 Ramp, Apron and Parking and Terminal 4 Ramp and Apron including North and South General Aviation Area	ABC: 45.90 M Contract Amount: 38.56 M	Mar 17, 2024	Thermoplastic Repainting is programmed for the revival of visual markings guiding pilots during taxiing maneuvers every three (3) years. Various areas from Terminal 3 and Terminal 4 were repainted with thermoplastic last 2019.	Pilots / airlines and drivers at aircraft movement areas
2	Thermoplastic Repainting of Pavements Marking at Portion of Terminal 1, Taxiway Charlie 1 (C-1) to Taxiway Charlie 6 (C-6), Taxiway Juliet, Taxiway Papa and Portion Taxiway Lima (MOOE)	32 M	Dec 16, 2024	Thermoplastic Repainting at Taxiway Charlie 1 to 6, Taxiway Juliet, Taxiway Papa, Taxiway Lima and Taxiway Kilo is programmed every two (2) years. Terminal 1 & 2 Parking Area is painted with cold paint and now programmed for thermoplastic painting. For the revival of visual markings and to enhance their visibility and to ensure safety of aircraft operations and maneuvering at the aircraft movement areas and parking areas.  The project involves the removal of old thermoplastic paint and replace it with new thermoplastic paint that is compliance with the standard mandated and instructed by the Authority.	Pilots / airlines and drivers at aircraft movement areas
3	Equipment Rental for Cleaning and Degreasing of NAIA T1, T2, T3 and T4 Ramps and Apron	12.49 M	Contract Expired on Sep 13, 2024	It is programmed to continuously maintain its existing ramp pavement areas in accordance with the airport safety standards and practices to ensure the availability of the same for regular and efficient ramp operations.  The MIAA therefore requires the services of an eligible company to provide the equipment on rental basis for the degreasing of NAIA Ramp/ Apron.	Pilots / airlines and drivers at aircraft movement areas

## B. Improvement of Terminal Facilities

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
1	Replacement of Cooling Towers for Centralized Air Conditioning at NAIA T3	198 M	Aug 15, 2024	Replacement Of Six (6) Units Cooling Towers is necessary to attain the required maximum heat rejection ff Chiller Units. To Restore its design capacity and improve the overall efficiency of the Chiller Plant for the comfort and Convenience of Passengers and other airport users.	Airport employees / passengers
2	Rehabilitation and Repair of the Baggage Handling System at NAIA Terminal 3 (MOOE)	90.4 M	Oct 15, 2024	The main objective of the rehabilitation is to provide a Baggage Handling System that is of high quality, safe, reliable, and efficient system.	Airport employees / passengers
3	Replacement and Relocation of New Feederline XLPE Power Cables from MIAA Substation 2 to MIAA Powerhouse Power Room  Phase 1 (cable and bridge)  Phase 2 (cable)	 32.62 M  23.88 M	 Jan 12, 2024  May 10, 2024	The main objective of this project is to provide new and reliable XLPE power cables to restore the power supply of our line 2. The existing cable of line 2 is already defective and reached its end of service life due to being in service for more than 40 years. The power cable carries the main loads of NAIA T1, NAIA T2, Airfield Lightings, Manila Control Tower, ICT, MIAA Admin Building and Compound, PABX.	Airport employees / passengers
4	Supply of Labor and Materials for the Installation of PAUs and AHUs at NAIA Terminal 3	45 M	Feb 11, 2024	The main purpose of the project is to replace the existing one (1) Primary Air Unit (PAU 22002) and upgrading of two (2) Air Handling Units (AHU 23117 and AHU 23119) to maintain comfort cooling and acceptable indoor air temperature, particularly at Departure Gate 117 & 118 and Immigration – Arrival Area, for the comfort and convenience of passengers and other airport users.	Airport employees / passengers
5	Supply of Labor and Materials for the Replacement of Dilapidated Fan Coil Units at NAIA T3	28.9 M	Mar 02, 2024	Replacement of dilapidated Fan Coil Units (FCUs) is necessary to maintain an acceptable indoor air temperature for the comfort and convenience of passengers & stakeholders and provide proper cooling of equipment and other facilities.	Airport employees / passengers
6	Replacement of Joint Sealant	25.25 M	Nov 13, 2024	Terminal 3 Apron has a rigid pavement design therefore involves a jointing of PCCP blocks. Sealants will serve as the barrier of concrete pavement to ensure that no water or other foreign object penetrates the layer of pavement. Through this, base failure that causes cracks, soft spots and potholes will be avoided.  The project involves the removal of old joint sealant and replace it with new sealant that is compliance with the standard mandated and instructed by the Authority.	Airport employees / passengers

## B. Improvement of Terminal Facilities

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
7	Supply & Installation of Seismic Expansion Joint and Covers (Phase 3) at NAIA Terminal-3	17.99 M	Jun 18, 2024	The project was initiated by the Terminal Manager-T3 to replace the existing damaged seismic joint and covers (Phase III) which are not included in Phase I and Phase II due to budget constraint. Phase III is the remaining portion inside the terminal and roof deck.	Airport employees / passengers
8	Proposed Renovations of Twelve (12) Units of Comfort Rooms at NAIA Terminal-3	16.93 M	Sep 11, 2024	It was initially proposed to renovate forty-six (46) units of Comfort rooms in the various areas of NAIA Terminal 3, but due to budget constraint, it was decided that the twelve (12) units located at the passenger movement areas should be prioritized for renovation/ rehabilitation. Since the start of NAIA T3 operation, said comfort rooms have not undergone major renovation works which resulted in worn-out tiles, damaged fixtures, and clogged drainage pipes.	Airport employees / passengers
9	Supply of Services for the Setting and Testing of Protection Relays of NAIA Terminal 1, 2, 3, Powerhouse and International Cargo Terminal	12.51 M	Mar 21, 2024	The main purpose of this project is to correct the setting of protection relay to achieve the accurate and comprehensive value for MIAA Protection and Tripping Device, and Relay Coordination Settings for safe, reliable, and efficient operation of the airport.	Airport employees / passengers
10	Supply of Labor and Materials for the Repair of Mitsubishi Elevators and Escalators at NAIA Terminals 2 and 3 (Retitled: Supply of Labor and Materials for the Replacement of Defective Parts of Mitsubishi Elevators and Escalators at NAIA Terminals 2 and 3) Revised ABC: PhP 11,840,546.00	11.84 M	Nov 09, 2024	This project is necessary to ensure continuous and safe operation of the equipment.	Airport employees / passengers
11	Operation and Maintenance of Ventilation and Air Conditioning System at NAIA Terminal 3 and Supply Support Agreement (SSA)	O&M: 2.06 M SSA: 2.30 M Total: 4.36 M	Sep 15, 2024	To ensure continuous, reliable, efficient, and economical operation of air conditioning and ventilation system at NAIA terminal 3 for the safety, comfort and convenience of passengers and other airport users. To operate, maintain, repair and to supply the spare parts and materials for the 24/7/365 operation of the entire Ventilating and Air Conditioning (VAC) facility at NAIA Terminal 3.	Airport employees / passengers

## B. Improvement of Terminal Facilities

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
12	Supply of six (6) Pieces Pneumatic Tires for the Passenger Boarding Bridges at NAIA Terminal 2	1.86 M	Delivered on Dec 27, 2024 by Aljon International Corporation.	The "Supply of Six (6) Pieces Pneumatic Tires for the Passenger Boarding Bridges at NAIA Terminal 2" project involves the procurement and delivery of durable pneumatic tires designed for the efficient operation of passenger boarding bridges. This initiative aims to ensure the safety, reliability, and smooth functionality of boarding equipment, minimizing downtime and operational disruptions. The project supports the terminal's commitment to maintaining high service standards for passenger convenience and safety.	Airport employees / passengers

## C. Ensure Passenger Safety and Security

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
1	Proposed Comprehensive Service Maintenance Agreement (CSMA) Contract for the Maintenance and Service of Leidos Security Equipment (Dual View X-Ray Machines, Full Body Scanners (FBS), Explosive Trace Detectors (ETDs) and CEIA Walk-Thru Metal Detectors with Supply Support Agreement (SSA) for Leidos Parts & Consumables	Comprehensive Maintenance: 38.023 M  Spare Parts (Standby Fund): 35.00 M	Contract Expired on Sep 13, 2024	To have an efficient, cost-efficient, and long-term preventive and corrective/preventive maintenance on Leidos Screening Security Equipment being used for baggage's of passengers and stakeholders in-compliance to the directives of the local and foreign aviation security auditors to ensure that the equipment is in good and functional condition and to prolong its service life in accordance with manufacturer's standards.	Airport employees / passengers
2	Consolidated Comprehensive Service Maintenance Agreement (CSMA) Contract with Revision in the Number of Units; for the Maintenance and Service of Smiths Heimann/Detection and CEIA Security Screening Equipment (SSE) Installed at the NAIA Terminals with Supply Support Agreement (SSA) for Parts & Consumables	Comprehensive Maintenance: 24.62 M  Spare Parts (Standby Fund): 15.00 M	Contract Expired on Sep 17, 2024	To have an efficient, cost-efficient and long-term preventive and corrective/preventive maintenance on Smith Detection (Smith Heimann) and CEIA Security Screening Equipment (SSE) Deployed at NAIA Terminal 1 - 4 being used for baggages of passengers and stakeholders in-compliance to the directives of the local and foreign aviation security auditors to ensure that the equipment are in good and functional condition and to prolong its service life to manufacturer's standards.	Airport employees / passengers

### C. Ensure Passenger Safety and Security

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
3	Construction of Aircraft Rescue and Firefighting Station (ARFF) Permanent Satellite Station	25 M	Aug 26, 2024	The project was initiated by Emergency Services for compliance with ICAO and CAAP standards audit. "Compliance with ICAO in responding to an emergency – to achieve a response time not exceeding three (3) minutes to any point each operational runway and/or to any other part of movement area". The project aims to align with the international Airport Safety Standards and MIAA/NAIA Development Plan for Emergency Services Department.	Airport employees / passengers
4	Proposed Rehabilitation of Security Perimeter Fence Beside PADC Hangar, Back of Sunlight Hangar and Back of MIASCOR Hangar	7 M	Jun 27, 2024	MIAA Proposed Rehabilitation of Security Perimeter Fence Besides PADC Hangar, Back of Sunlight Hangar and Back of Perimeter Fence at MIASCOR to serve as airport's physical barrier separating the airside and landside area to protect vital facilities, aircrafts, runway etc. To also prevent unauthorized persons from entering the Security Restricted Area (SRA) and in compliance with the MIAA Airport Security Program (ASP).	Airport employees / passengers

### D. Other Programs and Projects

	Project	Cost (Php)	Completion Date	Project Description	Target Beneficiaries
1	Repair and Maintenance of Asphalt Pavement within NAIA Complex (infrastructure category)	60 M	Apr 20, 2024	The objective of the services is to implement the immediate repair of potholes and soft spots including other related work regardless of its materials quantities at any given time as instructed by MIAA.	Airport employees / passengers / drivers

## II. On-going

## A. Improvement of the Airside

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
1	Concreting of Taxiway November	564.47 M (Civil Works)	19 months Date Started: Nov 6, 2023 Target Completion Date: Jun 5, 2025	As of Dec 31, 2024  Programmed: 67.59% Actual: 83.85% Variance: (+)16.26%  Note: Suspended effective October 16, 2024	The existing asphalt concrete at Taxiway November will be replaced by Portland Concrete Cement Pavement (PCCP) to arrest the rutting of asphalt pavement. To sustain continuous and safe operation of aircraft at Taxiway November.	Pilots / airlines and drivers at aircraft movement areas
2	Hiring of Independent Laboratory, Testing and Surveying Firm for the Concreting of Taxiway November	10.97 M	16 mons Date Started: Feb 27, 2024 Target Completion Date: Jun 27, 2025	As of Dec 31, 2024  Rendered Service: 50%	Hiring of laboratory firm to conduct all tests as required under the contract for Concreting of Taxiway November.	Pilots / airlines and drivers at aircraft movement areas
3	Supply, Installation, Testing and Commissioning of Approach Lights and Sequence Flashing Lights at Runway 06-24	278 M	230 Calendar Days	As of Dec 31, 2024  Status: Project officially started on December 17, 2024. It is currently on Mobilization stage.	The project involves supply and installation of various essential components, including LED Precision Approach Lighting Fixtures (Inset and Elevated), Sequence Flashing Lighting Fixtures (Inset and Elevated), Frangible Mast, Constant Current Regulators, Primary and Secondary power cables, Control Cable/Fiber Optic, Isolating Transformer Ducting Works, Interfacing Works to the existing AGL Remote Control System, and all necessary fittings and accessories.	Pilots / airlines and drivers at aircraft movement areas

### A. Improvement of the Airside

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
4	Rehabilitation and Upgrading of Airfield Lightings at Taxiway November and Delta	277.84 M	20 Calendar Months Date Start: Dec 23, 2023 Target Completion Date: Jul 17, 2025	As of Dec 31, 2024 Schedule: 26.02% Actual: 42.17% Variance: (+) 16.15% Note: Suspended effective November 18, 2024	To reinstall the affected taxiway lightings from the concreting works and to upgrade the taxiway lightings from conventional to LED lightings.	Pilots / airlines and drivers at aircraft movement areas
5	Upgrading of Existing Signages to new LED Signages with additional Signages at Runway/Taxiway (Phase 2)	140 M	210 Calendar Days	As of Dec 31, 2024 Status: Project officially started on December 17, 2024. It is currently on Mobilization stage.	The project involves the supply and installation of Taxiway Information Signages, construction of Signage foundation, and power cables layout for Runway 06-24 and 13-31.	Pilots / airlines and drivers at aircraft movement areas

### B. Improvement of Terminal Facilities

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
1	Proposed Re-waterproofing of NAIA Terminal 2 Roofdeck	300 M	150 Calendar Days Date Started: Nov 20, 2024 Target Completion Date: Apr 18, 2025	As of Dec 31, 2024 Actual: 2.85%	The project involves the re-waterproofing of NAIA Terminal 2 Roofdeck to prevent the leakage of rainwater.	Airport employees / passengers
2	Proposed Annex for Immigration Counters at former KISS N FLY Departure Level, NAIA Terminal 3	43.8 M	60 Calendar Days Date Started: Nov 19, 2024 Target Completion Date: Jan 19, 2025	As of Dec 31, 2024 Actual: 54%	The project involves the installation of additional Immigration Counters, Final Security Machines, Walk-through, comfort rooms and offices.	Airport employees / passengers

## B. Improvement of Terminal Facilities

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
3	Supply of Labor and Materials for the Replacement of 20KVA, 40KVA and 60KVA UPS at Substation 1,2, 3 and 4 at NAIA Terminal 2	27 M	150 Calendar Days	As of Dec 31, 2024  Status: Project officially started on December 5, 2024. It is currently on Mobilization stage.	The project involves replacing the Uninterruptible Power Supply (UPS) units at Substations 1, 2, 3, and 4 at NAIA Terminal 2. The aim is to ensure an uninterrupted power supply for critical systems and equipment.	Airport employees / passengers
4	Replacement and Retrofitting of Outdated Automatic Transfer Switch (ATS) System T3	11.318 M	180 CD  Date Started: Mar 8, 2024  Target Completion Date: Sep 6, 2024	As of Dec 31, 2024  Status: 87% actual accomplishment Suspended on September 7, 2024 due to transition and for approval of request for temporary power interruption from NNIC.	The main objective of replacing an outdated Automatic Transfer Switch (ATS) is to ensure that a facility has a reliable and efficient backup power system that can provide uninterrupted power supply during a power outage, thereby minimizing downtime, ensuring safety, and maintaining critical operations.	Airport employees / passengers
5	Maintenance Services for CIMC Passenger Boarding Bridges – NAIA Terminal 1 (MOOE)	9.14 M	60 Calendar Days	As of Dec 31, 2024  Status: 33.3% Service rendered	PBB is an enclosed movable connector which mostly extends from airport terminal gate to an airplane allowing passengers to board and disembark w/o being exposed to elements. Maintenance is necessary to prevent equipment failure before it occurs and to reduce the risks of accidents and emergency breakdowns.	Airport employees / passengers
6	Supply of Labor and Materials for the Replacement of Two (2) Main Low Voltage Air Circuit Breakers (ACB) CB31 at Substation 3 and CB41 at Substation 4, NAIA Terminal 2	8.34 M	60 Calendar Days  Date Started: Oct 16, 2024  Target Completion Date: Dec 15, 2024	As of Dec 31, 2024  Programmed: 2.78% Actual: 2.78% Variance: 0.00%	The project involves the replacement of two (2) main low voltage air circuit breakers (ACB), CB31 at Substation 3 and CB41 at Substation 4.	Airport employees / passengers



### C. Other Programs and Projects

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
1	Re-blocking of Pavements at Fire and Rescue Building	50.9 M	5 months Date Started: Aug 19, 2024 Target Completion Date: Jan 19, 2025	As of Dec 31, 2024 Programed: 88.57% Actual: 99.03% Variance: (+)10.46%	The project involves the repair of damaged concrete is necessary due to wear and tear of existing pavement cause by constant maneuvering of heavy load fire trucks utilizing the area.	Airport employees / passengers / drivers
2	Repair and Maintenance of Asphalt Pavement within NAIA Complex (Supply Support Agreement) (MOOE)	32.1 M	6 months (Services) Date Started: Aug 27, 2024 Target Completion Date: Feb 27, 2025	As of Dec 31, 2024 Rendered Service: 67.14%	The objective of the services is to implement the immediate repair of potholes and soft spots including other related work regardless of its materials quantities at any given time as instructed by MIAA.	Airport employees / passengers / drivers
3	Supply and Installation of Additional Elevator at MIAA Administration Building	6.681 M	150 CD Date Started: Jun 14, 2024 Target Completion Date: Jan 31, 2025	Awaiting for Delivery of Elevator Unit	To have a back-up Elevator to support the aged Hyundai Elevator. The additional Elevator is necessary to ensure availability and reliability which is essential to office personnel and other users at MIAA Administration Building.	Airport employees / external clients

## III. Projects Under Procurement Stage

### A. Improvement of the Terminal Facilities

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
1	Construction of additional Comfort Room at Terminals 1, 2 and 3	125	224 Calendar Days	As of Dec 31, 2024 Status: Ongoing Pre-bidding conference	The "Construction of Additional Comfort Room at Terminals 1, 2, and 3" project involves the development of new restroom facilities to enhance passenger convenience and accommodate increased foot traffic. The project aims to improve user experience by	Airport employees / passengers

# A. Improvement of the Terminal Facilities

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
					ensuring adequate amenities that meet modern standards of hygiene and accessibility. This initiative supports the overall goal of providing a comfortable and efficient environment for terminal users.	
2	Rehabilitation and Upgrading of Sewage Treatment Plant No. 1 and 2	86 M	240 Calendar Days	As of Dec 31, 2024  Status: Awarded, waiting for contract and NTP	The project involves the wastewater discharge of NAIA terminal 1, 2 and admin building is conveyed through a sewage pipe network and treated to produce an effluent that is suitable for discharge to surrounding environment preventing pollution from raw sewage discharges. In accordance with the DENR directive.	Airport employees / passengers
3	Supply of Labor and Materials for the Replacement of Main Vacuum Circuit Breaker Switchgear to RMU Distribution Network at NAIA Terminal 3	60 M	180 Calendar Days	As of Dec 31, 2024  CANCELLED	The main objective of this project is to provide back-up and more reliable power network in case there is an equipment malfunctions in NAIA T3 and the side of MERALCO.	Airport employees / passengers
4	Proposed Installation of Heat Rejection at SW and NW Pre-Departure Area, Terminal 2	25.9 M	90 Calendar Days	As of Dec 31, 2024  Status: At BAC office, for republication	The project involves the installation of heat rejection film to decrease the amount of heat and improve ambiance.	Airport employees / passengers
5	Proposed Hazardous Waste Storage beside STP, Terminal 3	6.3M	120 Calendar Days	As of Dec 31, 2024  Status: Cancelled for Republish. Waiting for final approval of location	The "Proposed Hazardous Waste Storage beside STP, Terminal 3" project aims to develop a secure and compliant storage facility for hazardous waste near the Sewage Treatment Plant (STP) at Terminal 3. The facility will ensure proper segregation, containment, and management of hazardous materials in line with environmental regulations. This initiative seeks to enhance operational efficiency while minimizing environmental risks associated with waste handling and storage.	Airport employees / passengers

## B. Other Programs and Projects

	Project	Cost (Php)	Duration	Status	Project Description	Target Beneficiaries
1	Supply and Labor, Materials for the Replacement of Existing and Installation of Additional Lightning Protection System of MIAA Terminals, Admin Building, ICT, Powerhouse, Fire and Rescue Building, Airfield Substation	50.9 M	5 months	As of Dec 31, 2024  Status: NNIC to execute the work.	The project aims to replace the existing Lightning Protection System and Install new additional Lightning Protection System at MIAA Terminals, Admin Building, ICT, Powerhouse, Fire and Rescue Building, Airfield Substation.	Airport employees / passengers