A. NDC VISION/MISSION STATEMENT

A.1 MANDATE

Legal Basis

The National Development Company (NDC) was first established as "Compania de Fomento Nacional" on March 10, 1919 via Legislative Act 2489. It was made a state-owned company and the present name was established on November 30, 1936 via Commonwealth Act 182; this also mandated the NDC to function as the government's investment arm. The corporate life of NDC was extended and a new capital base was extended on January 9, 1938 with the Commonwealth Act 311.

On March 15, the authorized capital of NDC was increased, the corporate life was extended for 25 more years and it was given powers to act on behalf of the government via Presidential Decree 886. The reorganization of NDC was done in 19 thru the Presidential Decree 1648 (NDC Revised Charter). It also increased the capital stock as well as empowering the NDC to exist for 50 years from 19 and deemed renewed for an equal period. In 2003, NDC was reorganized by Executive Order 184 to fulfill its new mandate of providing equity investment in pioneering development-oriented projects.

Functions

Under the Executive Order No. 184, the National Development Company shall perform the following functions:

- Redirect and refocus its thrusts and priorities to position the country's competitive advantage in the international environment by assisting in the efforts to market it as a premier investment site;
- Adopt a new investment philosophy and strategy by actively sourcing funds and investing the same in a portfolio of socially relevant and commercially-driven projects, the returns from which shall balance out the generation of income streams and insure sustainable financial returns to uphold the government's shareholder value;
- Adopt a more aggressive divestment policy and clearer exit mechanism on its equity investments which could be best handled by the private sector;
- Act as a holding company to manage its subsidiaries where government investments are placed, ensure that their growth potentials are maximized to enhance government's shareholder value and adopt control mechanisms to effectively monitor the performance of its subsidiaries;
- Realign the programs and priorities of the company in support of the present government's economic agenda and to synchronize its tasks with the Department of Trade and Industry's concerns and policies;
- Invest in areas where investments gaps exist in synergy with government financial institutions, large cooperatives, rural banks and NGOs;
- Restructure its organization by ensuring that its manpower possesses the necessary skills and competencies needed for its proper role, scope and focus and to enable the organization to become more responsive, dynamic and cost efficient.

General Functions of NDC Offices

1. **Office of the General Manager**

Lead the overall operations of the company particularly in terms of Strategic Management and Internal Auditing

1.1 Internal Audit Office

Lead the organization in accomplishing corporate objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control and governance processes

1.2 Corporate Planning Department (CORPLAN)

- Lead the strategic and tactical resource execution of corporate goals and objectives, ensure systematic and integrated approach to enable the company to make better decisions
- Provide IT services, through its IT Unit, to NDC workgroups

2. Special Projects Group (SPG)

Supervise the study and implementations of special projects that is financed or supported by the NDC

3. Finance and Subsidiaries Group (FSG)

3.1 Budget - Organizing the expenses by categories such as personnel costs, operating expenses, capital expenditures, overhead costs, marketing expenses, research and development costs

3.2 Accounting - Preparing the NDC financial statements, summarized transactions periodically, often on a monthly, quarterly, or annual basis, to provide a snapshot of the organization's financial position and performance.

3.3 Treasury - Managing liquidity risks effectively, such as maintaining cash reserves, establishing lines of credit, and investing excess cash in short-term instruments.

4. Business Development Group (BDG)

- Responsible for implementing strategies and opportunities across your organization to promote growth and boost revenue
- Develop and implement growth opportunities within and between NDC organizations

5. Corporate Communications Group (CCG)

- Formulate and execute effective procedures to make decisions on communication matters
- Mobilize internal and external support for corporate objectives

6. Asset Management Group (AMG)

- Asset value maximization through structuring lease arrangements that are equitable to NDC and its partners and/or designing a divestment schedule of assets
- Administer the turn-over of privatized assets to the buyer or new owner

- Asset value preservation through timely payment of real property taxes and other property assessments, property registration and cancellation of expired annotations on titles and ensure safekeeping and maintenance of properties

7. Corporate Support Group (CSG)

Composed of the Core Corporate Operational units of the company that includes the following:

7.1 **Finance and Administrative Department (FAD)**

7.1.1 **Human Resource (HR) –** Responsible for sourcing, attracting, and hiring qualified candidates to fill NDCs job vacancies within the organization.

7.1.2 **Admin -** Provide financial services, logistics and support services for NDC employees, external institutions and partners

7.2 Legal Department

- Establish fact-finding investigations and prosecution for administrative cases filed by the NDC
- Provide counseling service to offices within the NDC and regarding proposed recommendations, legislations or bills affecting the NDC

A.2 NDC Organizational Vision

NDC is the Philippine's leading state-owned enterprise investing in diverse industries, serving as an effective catalyst for inclusive growth.

A.3 Mission Statement

Enabling industry development, spurring local economies

A.4 Major Final Outputs

NDC has adopted the Performance Governance System (PGS) and has already passed the third stage, Proficiency. The PGS provided the agency with the framework to re-assess its purpose priority investment areas, processes and the agency as a whole. It likewise articulates the parameters for setting corporate goals, aligned with those of the various planning platforms of the government including NEDA's Ambisyon 2040 and DTI's plans and programs.

One of these parameters is the agency's strategy map. It shows how NDC creates value by connecting its strategic objectives in an explicit cause and effect relationship using the four (4) perspectives of the balanced scorecard: impact, strategic focus, core process, and learning and growth. In the process, the agency clarifies its business proposition determining both its value-added through its core processes, and the value of intangible assets anchored on its strategic themes of investing in development and prioritizing organizational efficiency and governance.

In 2020 to 2022, the Governance Commission for GOCCs (GCG) included the automation of key processes as one of NDC's strategic objective with the following Major Final Outputs / Information System Deliverables: Human Resources Information System (HRIS), Upgrade of Financial Management System (FMS), Budget Management System (BMS), and Check Writing System (CWS) which were for deployment to cloud. The measure was the Information Technology Systems Implemented, the formula being the number of projects completed based on the number of deliverables for the year per ISSP / total number of deliverables per the ISSP submitted to DICT with a target completion rate of 100%.

In 2022, the GCG has included in NDC's Performance Scorecard the submission of a Board-approved ISSP for 2023-2025 and subsequently submitted to DICT. As to the accomplishments, NDC was able to initially integrate the HRIS and the additional module for FMS in the Cloud Integrated Information System (CIIS). It also upgraded and maintained its ICT infrastructure particularly its software, firewall, and back-up internet. The NDC also renewed its web, and e-mail hostings. Lastly, other continuing projects and expenses were on website maintenance and enhancement of the KMIS.

NDC's ISSP for 2024-2025 will be an updated version of the DICT-approved/endorsed ISSP for 2023 with the same projects and deliverables and additional outputs on the digitization and expansion plans of the new administration of NDC.

This is to support NDC's Major Final Outputs or its Strategic Objectives under its Performance Scorecard, as follows:

1. Ensure Inclusive Growth and Development
2. Increase Social and Economic Dividends
3. Strengthen Business Sustainability
4. Prioritize Investments in Health, Food Supply Chain, Climate Change Mitigation, Water, Construction, Education, Connectivity, and Technology Innovation

5. Leverage Assets of NDC and its Subsidiaries to Further Optimize their Economic Value
6. Source and Manage Funds for NDC and its Projects and Monitor NDC Subsidiaries and Affiliates
7. Restructure and Retool the Organization while Strengthening the HR System
8. Upgrade ICT Infrastructure and Security
9. Optimize Marketing and Corporate Communications and Stakeholder Relations
10. Adopt Global Best Practices for Transparency and Accountability

PART I. Organizational Profile

B. Corporate Planning Department

B.1	Designated IS Planner	Aldwin Q. Bermido
	Position:	Information Technology Officer
	Email Address:	info@ndc.gov.ph
	Contact Number:	8840-4838 loc. 216
	Organizational Unit:	Corporate Planning

B.2 Supplemental Annual ICT Budget

2026 ICT Annual Budget: **₱ 9,836,000.00** (Part of the Corporate Operating Budget)

2027 ICT Annual Budget: **₱ 5,141,000.00** (Part of the Corporate Operating Budget)

2028 ICT Annual Budget: **₱ 16,252,500.00** (Part of the Corporate Operating Budget)

B.3 Source of Funds: NDC Corporate Fund

B.4 Organizational Structure: **68 employees hired as of August, 2024**

Table 1. Summary of Manpower

Regional Offices / Extension Offices	Department /Workgroup	No. of Plantilla Positions	Filled	Unfilled	Consultancy	COS/JO	Total No. of Hired Employees
NONE	OGM	5	0	5	2	5	10
	IA	5	1	4	0	0	1
	SPG	5	3	2	0	2	5
	BDG	5	1	4	0	4	5
	CCG	5	0	5	0	2	2
	FMG	5	5	0	0	0	0
	AMG	5	3	2	0	2	5
	FAD	16	14	2	1	17	32
	LEGAL	5	3	5	0	0	1
	CORPLAN	5	1	4	0	2	3
	CSG	3	2	1	0	0	2
	Total	**64**	**33**	**34**	**3**	**34**	**68**

No. of Regional Offices: **None** No. of Other Offices: **No**

No. of Provincial Offices: **None**

PART I. Organizational Profile

D. Present ICT Situation (Strategic Challenges)

The National Development Company aims to be the Philippine's leading state-owned enterprise investing in diverse industries, serving as an effective catalyst for inclusive growth. To attain this objective and perform its mandates, the National Development Company has been investing in multiple sustainable projects for different industries located in key areas in the Philippines to help the national government uplift the quality of life of the Filipino people. In order to continuously meet its goals, the National Development Company enhances its Information and Communication Technology to efficiently facilitate the administration of its mandated function.

As to the organization and personnel as users of the ICT in NDC, only three (3) workgroups, in addition to the Office of the General Manager, were fully operational as of year-end 2023. These are the Special Projects Group, Asset Management Group, and Corporate Support Group. Meanwhile, the Business Development Group has been fully activated with the hiring of the Assistant General Manager for Business Development. Furthermore, another two (2) Assistant General Managers, who will be in-charge of Fund Management and Corporate Communications, are hired in the first half of 2023.

All the employees of the company have their own workstation and computers are equipped with outdated hardware and software systems that are not yet integrated. These systems either need to be replaced (for hardware) or renewed (for software). Employees can operate their computers including the printers and scanners but need to be capacitated to be fully capable and competent in utilizing IT systems that will make the NDC's business operations efficient and effective.

While most meetings are now conducted in a face-to-face arrangement, the NDC still utilizes online platforms to host meetings with its stakeholders given the continuing pandemic situation and the location of foreign and even domestic partners. The NDC also attends to meeting through virtual platforms hosted by other agencies and private entities.

In addition, the company uses various application systems which were specially designed to support the overall operations of the company. To date, the company utilizes 5 key systems that are continuously being enhanced such as the Knowledge Management Information System (KMIS), NDC Dashboard, Human Resource Information System (HRIS), Budget Management System (BMS) and Financial Management System (FMS). These systems were specifically designed according to the standard requirements of the company.

As mentioned, systems were initially developed in 2022 and the company will enhance NDC's existing local and cloud-based applications for calendar year 2024-2025 to maintain its compatibility with the current version of the server for Budget, Human Resources, Treasury. and Accounting Units to enhance productivity of all employees.

For its digital transformation, NDC will implement digitization of its database, upgrade existing infrastructure, subscribe to applications and create virtual platforms related to knowledge database, communications and multimedia tools. NDC will also automate its document management system and adopt a document authentication system.

PART I. ORGANIZATIONAL PROFILE

E. STRATEGIC CONCERNS FOR ICT USE(NARRATIVE)

STRATEGIC OBJECTIVE	CRITICAL MANAGEMENT / OPERATING / BUSINESS SYSTEMS	PROBLEMS	INTENDED USE OF ICT
Ensure Inclusive Growth and Development	Project Development and Implementation leading to job generation	NDC workgroups utilize the NDC Dashboard to monitor and analyze the accomplishments of the workgroups. With the activation of another 3 workgroups, the features of the NDC Dashboard should be enhanced to cater to the growing demand for data analytics. Also, the KMIS is used as repository of important documents. However, there is a need to digitize most of NDC's records and improve the way of accessing the same.	**Enhancement of NDC Dashboard** for timely monitoring and reporting for sound decision-making **Enhancement of KMIS** for the efficient management of information covering data input, output and storage
Increase Social and Economic Dividends	Project Development and Implementation leading to generation of high Return on Investments (ROI) under Special Projects and customer feedback	The NDC Dashboard and KMIS should be enhanced to ensure that need for documents and data will be provided within the shortest time period.	**Digitization of records** can help NDC for efficient records management of information.

STRATEGIC OBJECTIVE	CRITICAL MANAGEMENT / OPERATING / BUSINESS SYSTEMS	PROBLEMS	INTENDED USE OF ICT
		The treasury unit needs to manually encode checks. It also needs to connect with the portal of the Landbank of the Philippines for the printing of checks.	**NDC Dashboard and KMIS enhancement** will also help in ensuring the efficient and effective provision of the needed data. **CWS** will help treasury unit to generate checks with ease.
Strengthen Business Sustainability	Project Development and Implementation leading to high Return on Equity from NDC investments and disbursements budget utilization rate	Accounting processes are done by using NDC's existing FMS hosted locally. Some accounting tasks can be included in the existing application. The existing FMS can be integrated to HRIS specifically in terms of processing payroll and employee leave modules. All workgroups currently do not monitor their budget. They have to request to the budget unit for a monitoring report.	**Improvement of FMS** will recreate a web application version, to avoid future problems in terms of compatibility. Once a web application version is created, it can be placed in a cloud system. The **enhanced BMS** with a module for the real-time monitoring of budget and balances real-time will be useful for NDC workgroups.
Prioritize Investments in Health, Food	Project Development and Implementation leading to increased value of NDC investments	There is a need to fully automate key processes, such as reports generation, salary computation, and other company financial transactions.	Automation of processes and **integration of information systems** can provide data within a short period

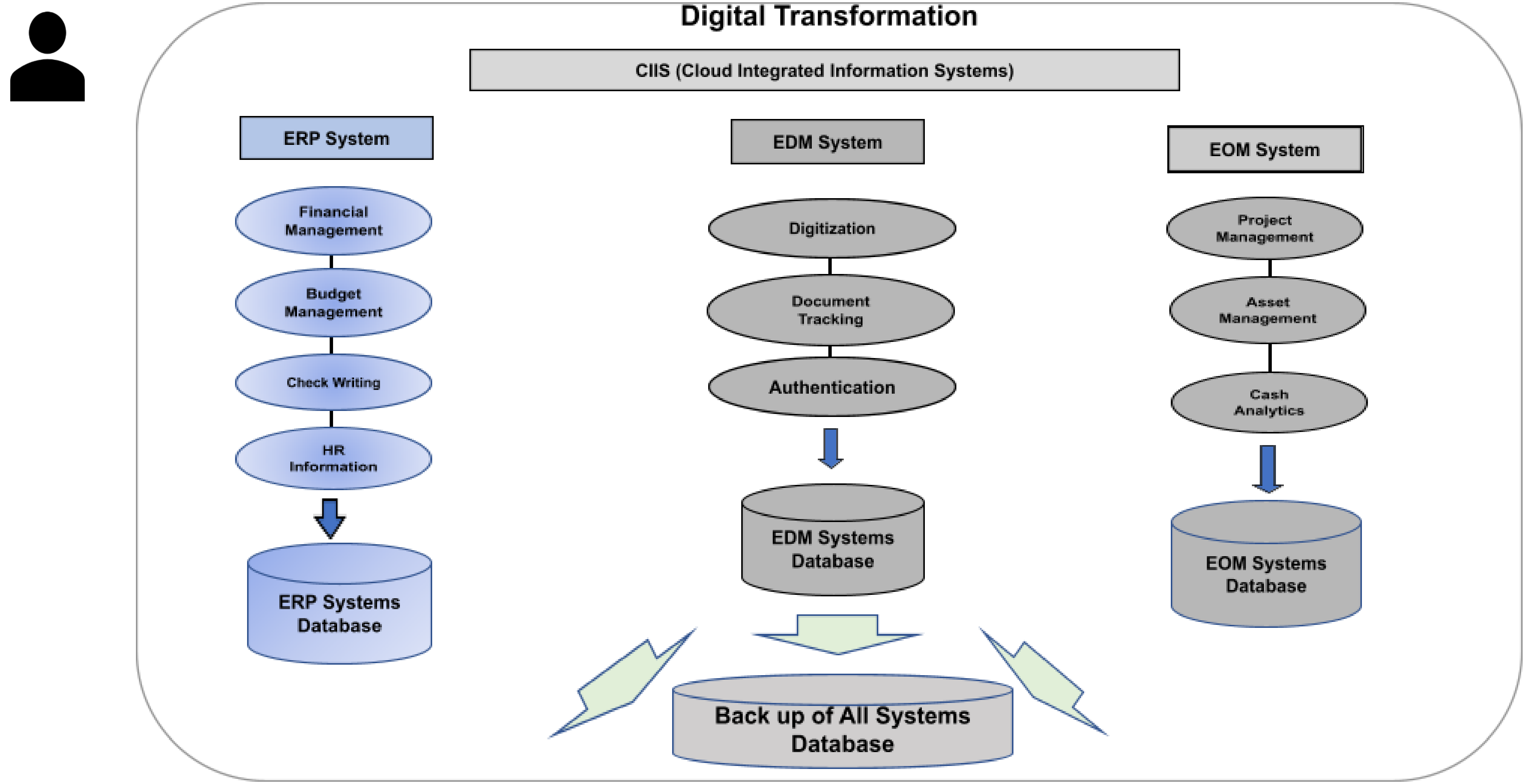
STRATEGIC OBJECTIVE	CRITICAL MANAGEMENT / OPERATING / BUSINESS SYSTEMS	PROBLEMS	INTENDED USE OF ICT
Supply Chain, Climate Change Mitigation, Water, Construction, Education, Connectivity, and Technology Innovation		NDC needs to fully digitize its records to improve the way of accessing the same.	of time. This will ease the operations of the organization. Solutions such as the **Startup Venture Fund website** and **Virtual Innovation Hub** will enable hosting of online platforms for its existing and prospective projects such as the Startup Venture Fund and Philippine Artificial Intelligence Research Center.
Leverage Assets of NDC and its Subsidiaries to Further Optimize their Economic Value	Asset management particularly on the lease or rental of NDC properties and the income derived from it	The NDC utilizes the NDC Dashboard and the KMIS in monitoring NDC properties. The website is also used for announcement of properties available for lease. The NDC Dashboard can provide initial data on assets but need to be enhanced.	**Enhance the KMIS and NDC Dashboard** and automate the monitoring of asset management and give inputs as to how the assets can be fully utilized given the available data.
Source and Manage Funds for NDC and	Fund management including fund raising	The NDC needs to have a real-time monitoring of its funds including those that are sourced out and financial position.	**Enhance the NDC Dashboard** to include a system that will

STRATEGIC OBJECTIVE	CRITICAL MANAGEMENT / OPERATING / BUSINESS SYSTEMS	PROBLEMS	INTENDED USE OF ICT
its projects and Monitor NDC Subsidiaries and Affiliates			automatically show and analyze the financial position of NDC
Restructure and Retool the Organization while Strengthening the HR System	Improvement in the competency level of the organization, human resource management and development	The systems in leave and attendance as well as the training administration are done manually through office application. The payroll is done by the accounting unit manually. The actual structure of the HRIS software is outdated. It was initially created as a desktop application; hence, the system is unable to cope up with the latest version of Computer Operating environment every time there is an upgrade on computers unlike with web-related applications. There is also limited office access through employee computers.	**Enhancement of the HRIS** will recreate a web application version to avoid future problems in terms of compatibility Once a web application version is created, it can be placed in a cloud system.
Upgrade ICT Infrastructure and Security	Implementation of Information Systems Strategic Plan 2024-2025 and the deliverables included in the plan	The workgroups are manually archiving the hard copy of the document every time they needed the file.	**Upgrade and maintenance of ICT infrastructure** for effective and efficient business operations

STRATEGIC OBJECTIVE	CRITICAL MANAGEMENT / OPERATING / BUSINESS SYSTEMS	PROBLEMS	INTENDED USE OF ICT
		Information systems are not yet fully integrated given the issues on compatibility.	Help the users view their files or data remotely through the archiving website **Integration of all information systems** and make them interoperable
Optimize Marketing and Corporate Communications and Stakeholder Relations	Strategic communications to properly relay the NDC's programs and projects to its intended stakeholders	There is a need to enhance the NDC website and come up with relative virtual spaces.	The NDC, SVF, and iHub websites will be the link between the NDC and its stakeholders.
Adopt Global Practices for Transparency and Accountability	Process and System Improvement / Reengineering	Most of NDC's core processes need to be automated / digitalized/	The adoption of the **Cloud Integrated Information System** can help the NDC in improving its systems and making its processes efficient and effective,

PART II. Information Systems Strategy

A. Conceptual Framework for Information Systems (Diagram of IS Interface)



PART II. Information Systems Strategy
NDC Information Systems
Cloud Hosted Systems
1. Cloud Integrated Information System (CIIS) ● Human Resources Information System (For Improvement) ● Financial Management System (For Improvement) ● Budget Management System (For Improvement) ● Check Writing System (Proposed) ● Digitization / Document Tracking System / Authentication System ● Asset Management System / Project Monitoring System / Cash Analytics System
Locally Hosted Systems
None
Support to Operation Systems
1. NDC Website 2. NDC Email 3. SVF website 4. Virtual Innovation Hub

PART II. Information Systems Strategy		
B. Detailed Description of Proposed Information Systems		
NAME OF INFORMATION SYSTEM/SUB-SYSTEM		*1:* **Cloud Integrated Information System (CIIS)**
DESCRIPTION		This integrated information system will serve as the on-cloud dash for the cloud integrated internal and external services for the NDC. The following will be the key features of this system: - Universal account management will be contained in this system, thus there will be only one account to access all on-cloud systems. - This system is designed to accommodate and contain the future proposed on-cloud systems. CIIS is the integrated portal for: ERP - FMS, BMS, HRIS, and CWS. EDMS – Digitization, Document Tracking, and Authentication. EOM – Project Monitoring, Asset management, and Cash Analytics.
STATUS		For Implementation
DEVELOPMENT STRATEGY		Outsourced Consultancy Services
COMPUTING SCHEME		Networked Systems – Wide Area Networking
USERS	INTERNAL	OGM, FMG, CSG, BDG, SPG, AMG, CCG, CORPLAN, IAO
	EXTERNAL	NONE
OWNER[8]		CORPLAN-IT

PART II. Information Systems Strategy

B. Detailed Description of Proposed Information Systems

NAME OF INFORMATION SYSTEM/SUB-SYSTEM — *1.1:* **Enterprise Resource Planning (ERP)**

DESCRIPTION	**Financial Management System** - Tracking NDC's financial transactions, managing accounts, and maintaining a general ledger. This involves ensuring accuracy, consistency, and compliance with accounting **Budget management System** - Monitoring of budgets for various NDC workgroups and projects within the organization. This includes forecasting revenues, expenses, and capital expenditures **Check Writing System** - A tool that helps automate the check writing process, enhancing efficiency, accuracy, and security in NDC's financial transactions and prevent unauthorized access and fraudulent activities **Human Resource Management System** - Digitizes the basic human resource functions within NDC. The system includes management of daily time records, pay computations, recording of leave/absences and storing of employee records. This system will be connected in the Cloud Integrated Information System (CIIS).
STATUS[3]	For Enhancement
DEVELOPMENT STRATEGY	Outsourced Consultancy Services

	COMPUTING SCHEME		Networked Systems – Wide Area Networking	
	USERS	INTERNAL	National Development Company – All Workgroups	
		EXTERNAL	NONE	
	OWNER$_8$		National Development Company - FAD	

PART II. Information Systems Strategy

B. Detailed Description of Proposed Information Systems

NAME OF INFORMATION SYSTEM/SUB-SYSTEM		*1.2:* **Doc**ument Management System	
	DESCRIPTION	**Digitization** - Data is typically stored in electronic format on NDC database servers, or in cloud platforms. Digitization allows for efficient, retrieval, and management of vast amounts of information. **Document Tracking System** - Allowing NDC users to track documents, trail records and displays a history of actions taken on a document, including who accessed it, when, and what changes were made. This helps in tracking NDC workgroup activities for compliance and accountability purposes. **Authentication System** - For NDC users' security using unique authentication, such as fingerprints, facial recognition, voice recognition, or iris scans.	

STATUS3		For Development
DEVELOPMENT STRATEGY		Outsourced Consultancy Services
COMPUTING SCHEME		Networked Systems – Wide Area Networking
USERS	INTERNAL	National Development Company – All Workgroups
	EXTERNAL	NONE
OWNER		National Development Company - All Workgroups

PART II. Information Systems Strategy

B. Detailed Description of Proposed Information Systems

NAME OF INFORMATION SYSTEM/SUB-SYSTEM	*1.3:* **Operations Management System (OMS)**
DESCRIPTION	**Project Monitoring System** - This includes Special Project Group tasks, milestones, timelines, dependencies, and resource allocations defining the scope and objectives of the project, setting priorities, and tracking progress. **Asset Management System** - Allowing Asset Management Group to implement tools for assessing the value of land assets based on market conditions, improvements, and other relevant factors.

		Cash Analytics System - This is to analyze NDC Treasury's expenses and revenues to understand cash inflows and outflows and identify areas for improvement. Generating reports and dashboards that provide insights into cash positions, trends, and key financial metrics.
STATUS$_3$		For Enhancement
DEVELOPMENT STRATEGY		Outsourced Consultancy Services
COMPUTING SCHEME		Networked Systems – Wide Area Networking
USERS	INTERNAL	National Development Company – SPG, AMG, TREASURY
	EXTERNAL	NONE
OWNER		National Development Company – CORPLAN- IT

PART II. Information Systems Strategy	
B. Detailed Description of Proposed Information Systems	
NAME OF INFORMATION SYSTEM/SUB-SYSTEM	2: **Managed Websites**
DESCRIPTION	NDC Hosting service where takes care of various technical aspects of running a website. This can include server maintenance, security updates, backups, and other related tasks: A. National Development Company (NDC Website)

			• The site in which news, articles, careers, procurement can be uploaded. B. Start-up Venture Fund (SVF) Website • This includes assessing the market opportunity, evaluating the founding team. C. Innovation hub Website • A collaborative space or platform designed to foster creativity, idea generation, and entrepreneurship. These hubs typically bring together individuals, startups, companies, researchers, investors, and other stakeholders	
	STATUS$_3$		*For Enhancement* *Currently, the system is locally and running through public IP. The proposed enhancement will enable the system to be hosted by and integrated to the cloud server. Further, the additional workgroups will be added in the system with the establishment of the Business Development Group and Corporate Communications Group.*	
	DEVELOPMENT STRATEG		*Outsourced Consultancy Services*	
	COMPUTING SCHEME		*Networked Systems – Local Area Networking*	
	USERS	INTERNAL	OGM, FMG, CORPLAN, SPG, AMG, IAD, FAD	
		EXTERNAL	NONE	
	OWNER		CORPLAN-IT	

PART II. Information Systems Strategy

C. Databases Required

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NAME OF DATABASE		**Cloud Integrated Information System (CIIS) User Database**
GENERAL CONTENTS/ DESCRIPTION		Data for user accounts in all on-cloud systems connected to the Cloud Integrated Information System. Database includes user access database which includes the login credentials to gain access to the system.
STATUS		*For Migration/Conversion/Continuous Build-up*
INFORMATION SYSTEMS SERVED		ERP: FMS, BMS, CWS, HRIS EDM: Digitization, Document Tracking, Authentication EOM: Project Monitoring, Asset Management, Cash Analytics
DATA ARCHIVING/STORAGE MEDIA		SAN/NAS, CD/DVD-ROM/External Disk/ Cloud
USERS	INTERNAL	National Development Company – All Workgroups
	EXTERNAL	NONE
OWNER		National Development Company – Corporate Planning
DATABASE MANAGER		National Development Company – Corporate Planning

PART II. Information Systems Strategy

C. Databases Required

C. 1 ERP

NAME OF DATABASE		**ERP Systems Database**
GENERAL CONTENTS/ DESCRIPTION		The database of an ERP system functions similarly to a digital filing cabinet, allowing a business to centrally store and easily retrieve all of its critical data, including financial records, product specifications, and customer information.
STATUS		*For Migration/Conversion/Continuous Build-up*
INFORMATION SYSTEMS SERVED		FMS, BMS, CWS, HRIS
DATA ARCHIVING/STORAGE MEDIA		SAN/NAS, CD/DVD-ROM/External Disk/ Cloud
SYSTEMS		FMS, BMS, CWS, HRIS
USERS	INTERNAL	National Development Company – All Workgroups
	EXTERNAL	NONE
OWNER		National Development Company – Corporate Planning
DATABASE MANAGER		National Development Company – Corporate Planning

PART II. Information Systems Strategy

C. Databases Required

C.2 EDM

NAME OF DATABASE		**EDM Systems Database**
GENERAL CONTENTS/ DESCRIPTION		The EDM system's database functions similarly to a digital library, storing, organizing, and making all papers and files easily available. It improves document management efficiency by letting users to rapidly discover what they need while also providing security and control over document access and versions.
STATUS		*For Migration/Conversion/Continuous Build-up*
INFORMATION SYSTEMS SERVED		Digitization, Document Tracking, Authentication
DATA ARCHIVING/STORAGE MEDIA		SAN/NAS, CD/DVD-ROM/External Disk/ Cloud
SYSTEMS		Digitization, Document Tracking, Authentication
USERS	INTERNAL	National Development Company – All Workgroups
	EXTERNAL	NONE
OWNER		National Development Company – Corporate Planning
DATABASE MANAGER		National Development Company – Corporate Planning

PART II. Information Systems Strategy

C. Databases Required

C.3 EOM

NAME OF DATABASE		**EOM Systems Database**
GENERAL CONTENTS/ DESCRIPTION		The EOM system's database functions as the digital center of control for equipment. It collects and maintains data on equipment usage, maintenance, and performance to ensure that operations operate smoothly.
STATUS		*For Migration/Conversion/Continuous Build-up*
INFORMATION SYSTEMS SERVED		Project Monitoring, Asset Management, Cash Analytics
DATA ARCHIVING/STORAGE MEDIA		SAN/NAS, CD/DVD-ROM/External Disk/ Cloud
SYSTEMS		Project Monitoring, Asset Management, Cash Analytics
USERS	INTERNAL	National Development Company – All Workgroups
	EXTERNAL	NONE
OWNER		National Development Company – Corporate Planning
DATABASE MANAGER		National Development Company – Corporate Planning

PART III. Detailed Description of ICT Projects

A. Internal ICT Projects

A.1.1 NAME/TITLE	**Rank 1: Integration of Information Systems**
A.1.2 OBJECTIVES	This project aims to provide a unified dashboard for operational information systems and universal account management for on-cloud services both for internal and external processes concerning the company. The unified dashboard will be the portal for future web applications of NDC. It will integrate the updates on the NDC cloud-based application (Financial Management System (FMS), Human Resource Information System (HRIS), Budget Management System (BMS), Check Writing System (CWS), Project Monitoring System, Asset Management System, Cash Analytics System, Digitization, Document Tracking, and Authentication, and its database to a cheaper cloud server than the existing one.
A.1.3 DURATION	2024 – 2025
A.1.4 DELIVERABLES	Annual Maintenance and Enhancement of existing NDC System 2024 – Enhancement of cloud-based systems, including integration of information systems 2025 – For Enhancement

A. Internal ICT Projects

A.2.1	**NAME/TITLE**	**Rank 2: Existing ICT Infrastructure Upgrade and Maintenance**
A.2.2	**OBJECTIVES**	This project aims to continually improve security, maintenance, and operations through state-of-the-art infrastructure to provide ease of communication and access. This project also aims to provide better connectivity to LAN-based and on-cloud applications for the operations of the NDC. This will also upgrade and renew existing software services and licensed subscriptions that will expire within the timeframe of 2024 – 2025. With this project, it is also envisioned to provide backup internet connection and automated periodic backup for databases utilized by the NDC.
A.2.3	**DURATION**	2024 – 2025
A.2.4	**DELIVERABLES**	2024 - Replacement of NDC employee's desktop computer - Purchase of new laptop - Upgrade and renewal of software services and licensed subscriptions. - Purchase of new scanner and printer - Purchase of new UPS for all workstations - Knowledge Databases, Communications and Media, - Purchase of Network Infrastructure Project, Graphic design Tools - Upgrade and renewal of software services and licensed subscriptions. - Upgrade and maintenance of existing NDC's network structure. - Purchase of new firewall with licensed subscription. 2025 -Upgrade and renewal of software services and licensed subscriptions.

PART III. Detailed Description of ICT Projects

A. Internal ICT Projects

A.3.1 NAME/TITLE	**Rank 3: Digitization of All Relevant NDC Records and Uploading to Knowledge Management Information System**
A.3.2 OBJECTIVES	This project will preserve vital and relevant records through digitization while giving easier access to indexed files. While the Knowledge Management Information System is already operational, it will be updated since there will be additional workgroups that will be activated The digitization initiative aims to initiate the goal of NDC towards digital transformation.
A.3.3 DURATION	2026-2028
A.3.4 DELIVERABLES	Uploading of vital and relevant records in the Knowledge Management Information System, Backup vital records on cloud. Enhancement of the Knowledge Management Information System

A.4.1 NAME/TITLE	**Rank 4: Management of NDC Website and Related Websites**
A.4.2 OBJECTIVES	The NDC website is expected to be revised. Also, there are virtual spaces to be organized such as the SVF website that will be used as an online space and an interactive platform for start-ups and the Virtual Philippine Innovation Hub that will be a mirror of the Philippine Innovation Hub located at the NDC Building Ground Floor. It will cater to internal and external stakeholders and will be linked to the NDC website. Start-ups and NDC partners who are

	interested to use the Philippine Innovation Hub can also schedule their meetings through the Virtual Innovation Hub.
A.4.3 DURATION	2026-2028
A.4.4 DELIVERABLES	Development of an online portal, uploading of vital information

C. **Performance Measurement Framework**

C.1 Integration of Information Systems

Hierarchy of targeted results:	Objectively Verifiable Indicators (OVI)	Baseline Data	Targets	Data collection methods	Responsibility to collect data
Intermediate outcome: Enhanced interoperability leading to improvement in the management system	Percentage of completion of integration	0%	100% applicable information systems are interoperable	Feedback and reports	All Workgroups Corplan-IT Unit
Immediate outcome: Timely and reliable reports	% of reports received within the set deadline	0%	100% of required reports received within the set deadline	System logs, Feedback and reports	Corplan-IT
Outputs Integrated information systems	Number of information systems integrated to CIIS	0 %	4 information systems integrated	Feedback and reports	Corplan-IT

C. **Performance Measurement Framework**

C.2 Existing ICT Infrastructure Upgrade and Maintenance

Hierarchy of targeted results:	Objectively Verifiable Indicators (OVI)	Baseline Data	Targets	Data collection methods	Responsibility to collect data
Intermediate outcome: Maximized budget utilization	% budget utilization rate for ICT	35%	90%	Budget utilization report	FAD-Budget Unit
Immediate outcome: Ability to continue and maintain the operation of the current ICT infrastructure	% of current infrastructure that are continuously utilized	0 %	100% (serviceable)	Feedback and reports	Corplan-IT Unit
Outputs		0%	100%	Feedback and reports	Corplan-IT Unit

	Provision of resources required to facilitate operational activities	Resources required and provided				

C. **Performance Measurement Framework**

CI. **C.3 Digitization of All Relevant NDC Records and Uploading to KMIS**

Hierarchy of targeted results:	Objectively Verifiable Indicators (OVI)	Baseline Data	Targets	Data collection methods	Responsibility to collect data
Intermediate outcome: Digitize all the vital documents and be available on KMIS	% of digitized vital documents available on the KMIS	0%	100% All tagged vital documents are digitized and uploaded on KMIS.	Feedback and reports	All Workgroups
Immediate outcome: Improved indexing and access of vital documents and records.	% of accessed files in the KMIS	0%	100%Increase access and availability of files in the KMIS	System logs, Feedback and reports	All Workgroups

	Outputs Digitized vital record of NDC	100% Number of documents to be digitized.	0 %	100% of tagged vital records are digitized	Feedback and reports	All Workgroups	

C. **Performance Measurement Framework**

C.4 Development of the Virtual Philippine Innovation Hub

	Hierarchy of targeted results:	Objectively Verifiable Indicators (OVI)	Baseline Data	Targets	Data collection methods	Responsibility to collect data
		Intermediate outcome: Avenue to collaborate	No. of partners for collaboration	0	10 knowledge partners for 2024 with 50% annual increase	Signed MOUs
	Immediate outcome: Online registry and landing page for the hub	No. of online registry	0	1 online registry maintained and updated	Regular updated list	Philippine Innovation Hub
		Outputs	No. of platform created	0	1 platform created	Website screenshot

		Virtual Philippine Innovation Hub created				

PART IV. Resource Requirements					
A. Deployment of ICT Equipment and Services					
ICT Project Item (Allotment / Object of Expenditures)	Name of Office / Organizational Units	Proposed Number of Units			
		2026	2027	2028	Sub-Total
1. Office Productivity					
A. Capital Outlay					
Machinery and Equipment Outlay - ICT Equipment					
• Monitor	ALL WORKGROUPS	-	-	19 Units	19 Units
• Laptop	ALL WORKGROUPS	-	-	82 Units	82 Units
• Webcam	OGM, IT	-	3 Units	-	3 Units
• Projector	IT, I-HUB	3 Units	-	-	3 Units
• Firewall Device and License	IT	2 Units	-	2 Units	4 Units
• Interactive Whiteboard Display	OGM	2 Units	-	-	2 Unit
• Portable Mobile Speaker with MIC	CCG	2 Units	-	-	2 Units
• Kiosk at Lobby	IT	1 Units	-	-	1 Unit
• LED Panel lobby	IT	1 Units	-	-	1 Unit
• *Data Center*	IT	1 Units	-	-	1 Unit
B. MOOE					

Semi-Expendable Machinery and Equipment (ICT Equipment)					
• External Devices	ALL WORKGROUPS	51 Units	-	51 Units	102 Units
• Network Storage Server Local	SPG	-	1 Units	-	1 Unit
Semi-Expendable Machinery and Equipment (Printing Equipment)					
• Printers	OGM, IT, SPG, AMG, BDG, CCG,CSG,HR,BUDGET, TREASURY, COA	17 Units	-	18 Units	35 Units
Machinery and Equipment Outlay - ICT Software					
• Multimedia Software	IT	1 Unit	1 Unit	1 Unit	3 Units
• Chatbots	IT	1 Unit	1 Unit	1 Unit	3 Units
2. Internal ICT Projects					
2.1 Integration of Information Systems					
A. Capital Outlay					
B. MOOE					
A. Capital Outlay					
• NDC Systems Maintenance and Upgrades	IT UNIT	1 Lot	-	-	1 Lot
• Network and Electrical Grooming and Upgrade	IT UNIT	-	1 Lot	-	1 Lot

• System Development if needed	IT UNIT	-	1 Lot	1 Lot	2 Lots
B. MOOE					
• Internet Back up					
2.3 Digitization of All Relevant NDC Records and Uploading to Knowledge Management Information System	IT UNIT	2 Lots	2 Lots	2 Lots	6 Lots
A. Capital Outlay					
B. MOOE					
3. Cros-Agency Projects - None					
4. Continuing Cost					
A. Capital Outlay					
B. MOOE					
Subscription Expenses (ICT - Software Subscription)					
• Renewal Maintenance for Additional Websites	IT UNIT	2 Lots	2 Lots	2 Lots	6 Lots
• Cloud Hosting Subscription	IT UNIT	2 Lots	2 Lots	2 Lots	6 Lots
• Domain Subscription	IT UNIT	1 Lot	1 Lot	1 Lot	3 Lots
• E-mail Subscription	IT UNIT	1 Lot	1 Lot	1 Lot	3 Lots
• Transcription Software	IT UNIT	1 Lot	1 Lot	1 Lot	3 Lots

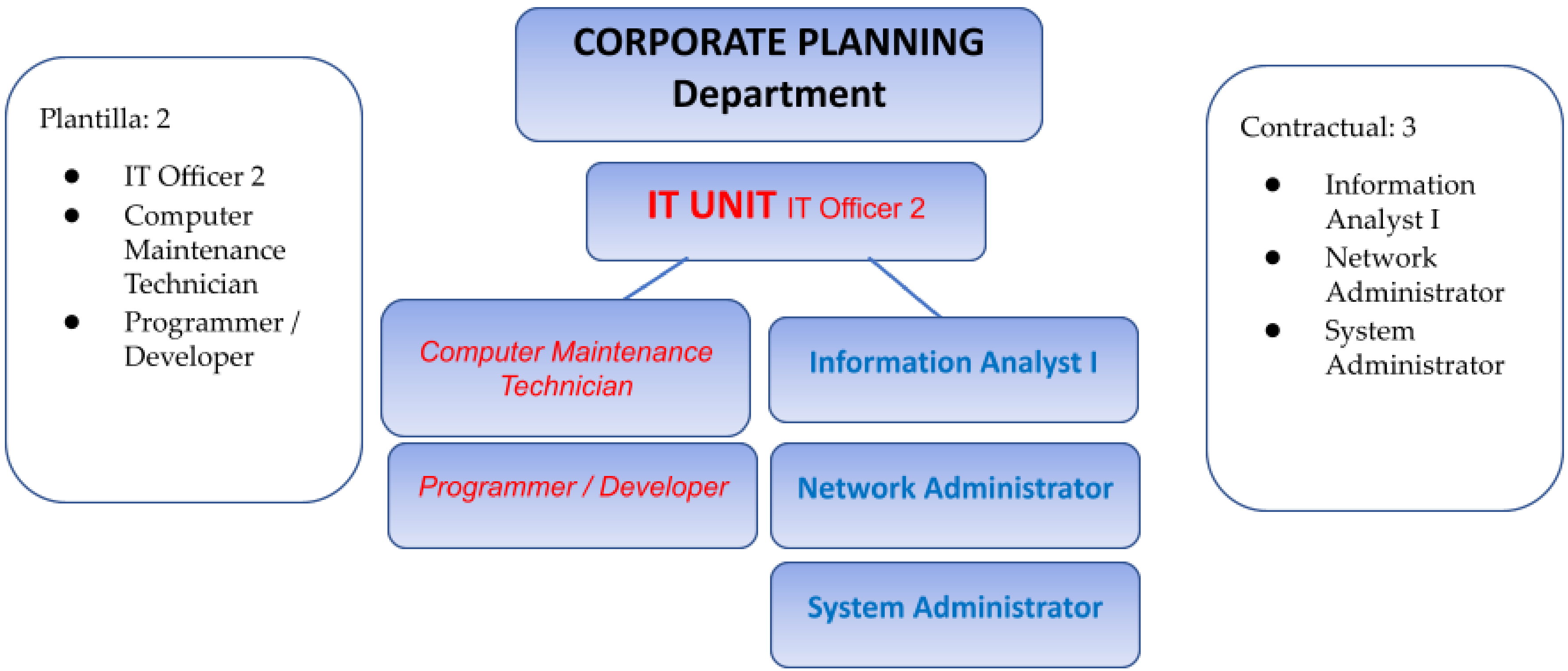
• Digital Signature	IT UNIT	1 Lot	1 Lot	1 Lot	3 Lots
• Data Center Managed Services	IT UNIT	1 Lot	1 Lot	1 Lot	3 Lots
• Teleconferencing Subscription	IT UNIT	5 Lots	5 Lots	5 Lots	15 lot
• Cloud Drive	IT UNIT	4 Lots	4 Lots	4 Lots	12 lot
• Anti-Virus	IT UNIT	100 Units	-	100 Units	200 Units

Note: Communications-related Expenses (PABX System and additional telephone units) and ITC Office Supplies (inks and toners) are excluded from the ISSP budget approved by the NDC Board of Directors. However, funding for such was included in the Corporate Operating Budget, specifically the budget lodged under the NDC's Administrative Unit.

PART IV. Resource Requirements

A. ICT Organizational Structure

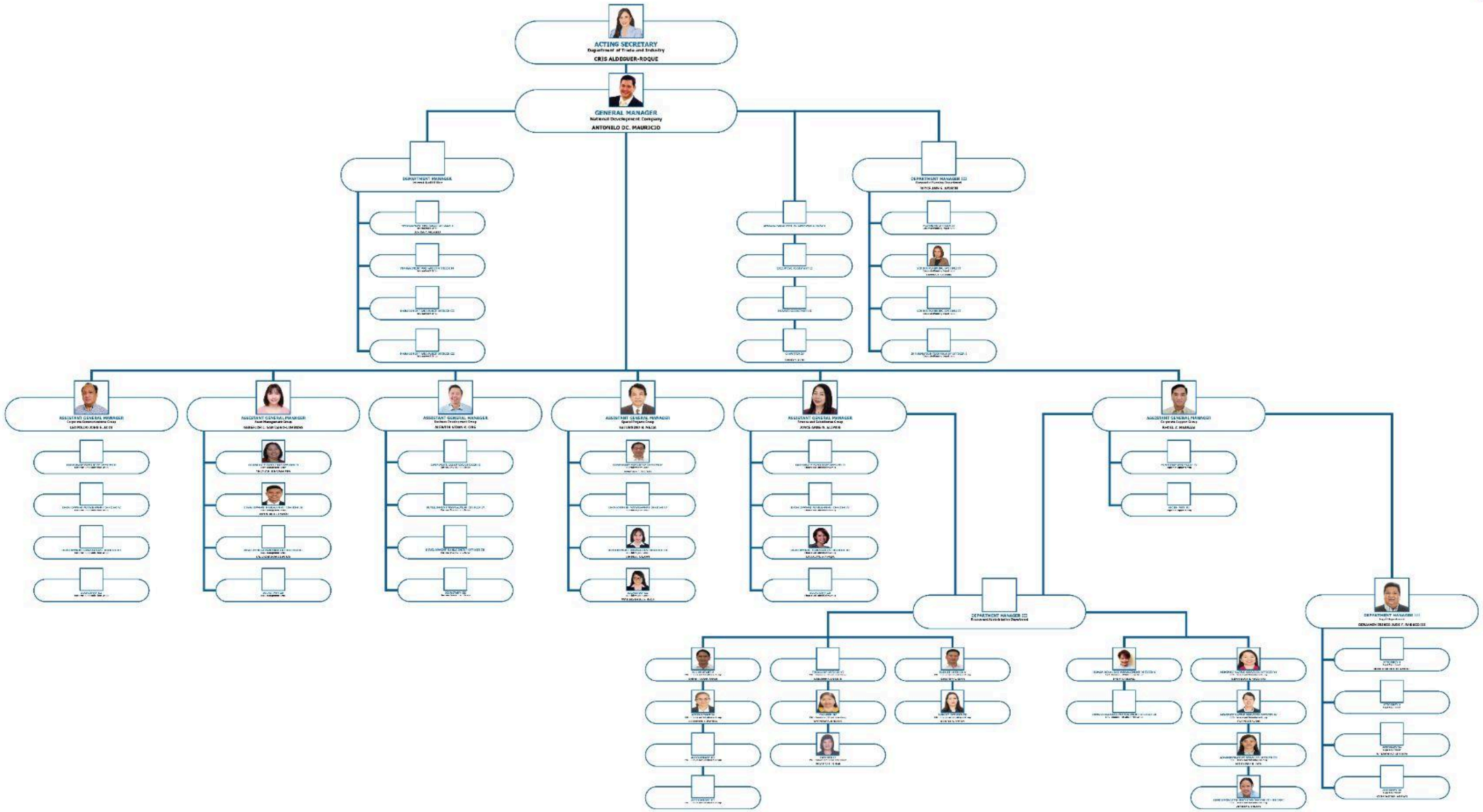
A.1 Proposed ICT Organizational Structure



- Plantilla
- Contractual

B. ICT Organizational Structure

B.3 Placement of the Proposed ICT Organizational Structure in Agency Organizational Chart



PART V. Development and Investment Program

A. ICT Projects Implementation Schedule

Name of ICT Project/s	2026	2027	2028	Remarks
Integration of Information Systems				Covers procurement and development
Existing ICT Infrastructure Upgrade and Maintenance				Covers procurement, installation & maintenance
Digitization of All Relevant NDC Records and Uploading to Knowledge Management Information System				Covers procurement, installation & maintenance
Document Tracking System				500,000 cloud-based
Authentication System				500,000 cloud-based
Asset Management System				500,000 cloud-based
Project Monitoring System - For System Concept and Design				150,000 cloud-based
Cash Analytics System				500,000 cloud-based

Item (Allotment Class/Object of Expenditures)	2026		2027		2028	
	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST
1. **Office Productivity**						
A. **Capital Outlay**						
Machinery and Equipment Outlay - ICT Equipment						
● Monitor					19 Units	285,000
● Laptop					82 Units	8,200,000
● Webcam			3	15,000		
● Projector	3 Units	90,000				
● Firewall Device and License	2 Units	600,000			2 Units	700,000
● Interactive Whiteboard Display	2 Units	500,000				
● Portable Mobile Speaker with MIC	2 Units	60,000				
● Kiosk at Lobby	1 Unit	150,000				
● LED Panel Lobby	1 Unit	300,000				
● Data Center	1 Unit	1,000,000				
B. MOOE						

Item (Allotment Class/Object of Expenditures)	2026		2027		2028	
	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST
Semi-Expendable Machinery and Equipment - *(ICT E quipment)*						
● External Devices	51 Units	612,000			51 Units	612,000
● Server and Storage Back up (Network Storage Server)			1 lot	60,000		
Semi-Expendable Machinery and Equipment - *(Printing Equipment)*						
Printers	17 Units	595,000			18 Units	540,000
Machinery and Equipment Outlay - ICT Software						
● Multimedia Software	1 Unit	100,000	1 Unit	110,000	1 Unit	110,000
● Chatbots	1 Unit	600,000	1 Unit	54,000	1 Unit	648,000
Total	**85 Units**	**4,607,000**	6 Units	**239,000**	**174 Units**	**11,095,000**
2. Internal ICT Projects						
2.1 Integration of Information Systems						
2.1 Integration of Information Systems						

Item (Allotment Class/Object of Expenditures)	2026		2027		2028	
	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST
A. Capital Outlay						
● NDC Systems Maintenance and Upgrades	1 Unit	2,000,000				
● Network and Electrical Grooming and Upgrade			1 Unit	600,000		
● System Development if needed			1 Unit	1,000,000	1 Unit	1,000,000
B. MOOE						
2.2 Existing ICT Infrastructure Upgrade and Maintenance						
A. Capital Outlay						
B. MOOE						
Other MOOE						
● Internet Back up	2 Lots	400,000	2 Lots	400,000	2 Lots	400,000
Total:	**3 Lots**	**2,400,000**	**4 Lots**	**2,000,000**	**3 Lots**	**1,400,000**
2.3 Digitization of All Relevant NDC Records and Uploading to KMIS						
A. Capital Outlay						
Capital Outlay Sub-total:						
B. MOOE						

Item (Allotment Class/Object of Expenditures)	2026		2027		2028	
	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST
Semi-Expandable Machinery and Equipment Expense (ICT Equipment)						
Total						
3. Cross-Agency Projects (None)						
Total						
4. Continuing Cost						
Capital Outlay Sub-total:						
A. MOOE						
Subscription Expenses (ICT-Software Subscription)						
● Renewal Maintenance for Additional Websites	2 Lots	300,000	2 Lots	300,000	2 Lots	300,000
● Cloud Hosting Service	2 Lots	340,000	2 Lots	360,000	2 Lots	360,000
● Domain Subscription	1 Lot	23,000	1 Lot	23,000	1 Lot	23,000
● E-mail Subscription	1 Lot	630,000	1 Lot	630,000	1 Lot	630,000
● Transcription Software	1 Lot	50,000	1 Lot	5,000	1 Lot	10,500
● Digital Signature	1 Lot	500,000	1 Lot	1,000,000	1 Lot	1,000,000
● Data Center Managed Services	-	-	1 Lot	300,000	1 Lot	300,000
● Teleconferencing Subscription	5 Lots	250,000	5 Lots	250,000	5 Lots	250,000

Item (Allotment Class/Object of Expenditures)	2026		2027		2028	
	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST	PHYSICAL TARGETS	COST
• Cloud Drive	4 Lots	36,000	4 Lots	34,000	4 Lots	34,000
• Anti-Virus	100 Lots	700,000	-	-	100 Lots	850,000
Total:	**19 Lots**	**2,829,000**	**19 Lots**	**2,902,000**	**119 Lots**	**3,757,500**

Note: Budget for communications-related expenses (P1,400,000.00 for three (3) years) and ICT supplies / consumables (P4,732,000 for three (3) years) is included in the Corporate Operating Budget. Though excluded from the ISSP 2026-2028 total budgetary requirement, 2024 fund requirement for said items was included in the Board-approved 2026-2028 COB, specifically the budget lodged under the NDC's Administrative Unit.

C. **SUMMARY OF INVESTMENTS** *(Amount endorsed in 2026-2028 approved ISSP)*			
	2026	**2027**	**2028**
1. Office Productivity	4,607,000	239,000	10,483,000
2. Internal ICT Project 1 (Integration of Information Systems)	2,000,000	1,600,000	1,612,000
3. Internal ICT Project 2 (Existing ICT Infrastructure Upgrade and Maintenance)	400,000	400,000	400,000
4. Internal ICT Project 3 (Digitization of All Relevant NDC Records and Uploading to KMIS)	0	0	0
5. Continuing Cost	2,829,000	2,902,000	3,757,500
TOTAL	**9,836,000.00**	**5,141,000.00**	**16,252,500.00**

Note: 2024 fund requirement for said items was included in the Board-approved 2026-2028 COB, specifically the budget lodged under the NDC's Administrative Unit.

C. SUMMARY OF INVESTMENTS *(Amount endorsed in 2026-2028 approved ISSP)*			
	2026	**2027**	**2028**
1. Office Productivity	4,607,000	239,000	10,483,000
2. Internal ICT Project 1 (Integration of Information Systems)	2,000,000	1,600,000	1,612,000
3. Internal ICT Project 2 (Existing ICT Infrastructure Upgrade and Maintenance)	400,000	400,000	400,000
4. Internal ICT Project 3 (Digitization of All Relevant NDC Records and Uploading to KMIS)	0	0	0
5. Continuing Cost	2,829,000	2,902,000	3,757,500
TOTAL	**9,836,000.00**	**5,141,000.00**	**16,252,500.00**

Note: Budget for communications-related expenses (P700,000) and ICT supplies / consumables (P1,0,000) is included in the Corporate Operating Budget. Though excluded from the ISSP 2026-2028 total budgetary requirement, 2024 fund requirement for said items was included in the Board-approved 2026-2028 COB, specifically the budget lodged under the NDC's Administrative Unit.

PART V. DEVELOPMENT AND INVESTMENT PROGRAM					
D. Year Cost Breakdown (FY 2026-2028): Year 1 Cost Breakdown (FY 2026)					
Detailed Cost Item	**Office Productivity**	**Project 1 (Integration of Information Systems)**	**Project 2 (Existing ICT Infrastructure Upgrade and Maintenance)**	**Project 3 (Digitization of All Relevant NDC Records and Uploading to KMIS)**	**Continuing Cost**
CAPITAL OUTLAY					
1. ICT Equipment					
• Monitor					
• Laptop					
• Webcam					
• Projector	90,000				
• Firewall Device and License	600,000				

● Interactive Whiteboard Display	500,000				
● Portable Mobile Speaker with MIC	60,000				
● Kiosk at Lobby	150,000				
● LED Panel Lobby	300,000				
● Data Center	1,000,000				
2. Integration of Information Systems					
● NDC Systems Maintenance and Upgrades		2,000,000			
● Network and Electrical Grooming and Upgrade					
● System Development if needed					
MOOE					
1. ICT Equipment					
● External Devices	612,000				
● Server and Storage Back up (Network Storage Server)					

2. Printing Equipment					
● Printers	595,000				
3. Other MOOE					
● Internet Back up			400,000		
4. ICT Software					
● Multimedia Software	100,000				
● Chatbots	600,000				
7. ICT-Software Subscription					
● Renewal Maintenance for Additional Websites					300,000
● Cloud Hosting Service					340,000
● Domain Subscription					23,000
● E-mail Subscription					630,000
● Transcription Software					50,000
● Digital Signature					500,000
● Data Center Managed Services					
● Teleconferencing Subscription					250,000
● Cloud Drive					36,000

• Anti-Virus					700,000
SUB TOTAL	**4,607,000**	**2,000,000**	**400,000**	**0**	**2,829,000**
TOTAL COST	**9,836,000**				

PART V. DEVELOPMENT AND INVESTMENT PROGRAM					
D. Year Cost Breakdown (FY 2026-2028): Year 1 Cost Breakdown (FY 2027)					
Detailed Cost Item	**Office Productivity**	**Project 1 (Integration of Information Systems)**	**Project 2 (Existing ICT Infrastructure Upgrade and Maintenance)**	**Project 3 (Digitization of All Relevant NDC Records and Uploading to KMIS)**	**Continuing Cost**
CAPITAL OUTLAY					
1. ICT Equipment					
• Monitor					
• Laptop					
• Webcam	15,000				
• Projector					
• Firewall Device and License					

● Interactive Whiteboard Display					
● Portable Mobile Speaker with MIC					
● Kiosk at Lobby					
● LED Panel Lobby					
● Data Center					
2. Integration of Information Systems					
● NDC Systems Maintenance and Upgrades					
● Network and Electrical Grooming and Upgrade		600,000			
● System Development if needed		1,000,000			
MOOE					
1. ICT Equipment					
● External Devices					
● Server and Storage Back up (Network Storage Server)	60,000				

2. Printing Equipment					
● Printers					
3. Other MOOE					
● Internet Back up			400,000		
4. ICT Software					
● Multimedia Software	110,000				
● Chatbots	54,000				
7. ICT-Software Subscription					
● Renewal Maintenance for Additional Websites					300,000
● Cloud Hosting Service					360,000
● Domain Subscription					23,000
● E-mail Subscription					630,000
● Transcription Software					5,000
● Digital Signature					1,000,000
● Data Center Managed Services					300,000
● Teleconferencing Subscription					250,000
● Cloud Drive					34,000

• Anti-Virus		600,000			
SUB TOTAL	**239,000**	**1,600,000**	**400,000**	**0**	**2,902,000**
TOTAL COST	**5,141,000**				

PART V. DEVELOPMENT AND INVESTMENT PROGRAM					
D. Year Cost Breakdown (FY 2026-2028): Year 1 Cost Breakdown (FY 2028)					
Detailed Cost Item	**Office Productivity**	**Project 1 (Integration of Information Systems)**	**Project 2 (Existing ICT Infrastructure Upgrade and Maintenance)**	**Project 3 (Digitization of All Relevant NDC Records and Uploading to KMIS)**	**Continuing Cost**
CAPITAL OUTLAY					
1. ICT Equipment					
• Monitor	285,000				
• Laptop	8,200,000				
• Webcam					
• Projector					
• Firewall Device and License	700,000				

● Interactive Whiteboard Display					
● Portable Mobile Speaker with MIC					
● Kiosk at Lobby					
● LED Panel Lobby					
● Data Center					
2. Integration of Information Systems					
● NDC Systems Maintenance and Upgrades					
● Network and Electrical Grooming and Upgrade					
● System Development if needed		1,000,000			
MOOE					
1. ICT Equipment					
● External Devices		612,000			
● Server and Storage Backup (Network Storage Server)					

2. Printing Equipment					
● Printers	540,000				
3. Other MOOE					
● Internet Backup			400,000		
4. ICT Software					
● Multimedia Software	110,000				
● Chatbots	648,000				
7. ICT-Software Subscription					
● Renewal Maintenance for Additional Websites					300,000
● Cloud Hosting Service					360,000
● Domain Subscription					23,000
● E-mail Subscription					630,000
● Transcription Software					10,500
● Digital Signature					1,000,000
● Data Center Managed Services					300,000
● Teleconferencing Subscription					250,000
● Cloud Drive					34,000

• Anti-Virus					850,000
SUB TOTAL	**239,000**	**1,600,000**	**400,000**	**0**	**2,902,000**
TOTAL COST	**5,141,000**				

Note: Budget for communications-related expenses (P350,000) and ICT supplies / consumables (P1,000,000) is included in the Corporate Operating Budget. Though excluded from the ISSP 2026-2028 total budgetary requirement, 2025 fund requirement for said items will be included in the COB for Board approval, specifically the budget lodged under the NDC's Administrative Unit.

All costs reflected in the plan were based on market research and projections for next year considered inflationary rates and/or increase in user demand.

PART VI. Existing Information & Communications Technology (ICT) Infrastructure Inventory

1.1. Number of Computing Devices and Peripherals by Usage

TYPES	Operations			General Administration and Support Services	Projects (Not agency-funded)
	Employees	Training	Frontline Services		
Servers	2				
Desktop PC	70				
Laptop/Notebook/Netbook PC	18				
Multi-function Printer	18				
Printer only	7				

1.2 Number of Servers by Capacity and Location

TOTAL CAPACITY OF HDD	LOCATION	
	IN-HOUSE	CO-LOCATED
Above 4TB	1	
2TB to 4TB	2	

Below 2TB		

PART VI. Existing Information & Communications Technology (ICT) Infrastructure Inventory		
2. Software, Application Systems, Information Systems and Databases		
2.1. Operating Systems **2.1.1. OS for Stand-alone PCs (desktop and laptops)**		
OPERATING SYSTEM	Lifetime License	If not, write below the year of expiration
Older than Windows XP		
Windows XP		
Windows Vista		
Windows 7	·	
Windows 8 and Up	·	
Linux		
Mac OS	·	
Mac OSX	·	

Others		
2.1.2. OS for Servers		
OPERATING SYSTEM	Lifetime License	If not, write below the year of expiration
Windows NT		
Windows 2000		
Windows 2003		
Windows 2008		
Windows 2012	.	
Solaris		
Open Solaris		
OS/2		
Linux		
MAC OS X Server		

l **Office Automation Software**		
SOFTWARE / APPLICATION PACKAGE	Lifetime License	If not, write below the year of expiration
Older than MS Office 2003		
MS Office 2003		
MS Office XP		
MS Office 2007		
MS Office 2010	·	
MS Office 2016	·	
MS Visio		
MS Project		
Open Project		
Open Office		
Others		
Home and Business 2016	·	
Home and Business 2019	·	

1.2 Operational Oversight/Administrative Systems					
Name of System	Own Intellectual Property	Development Platform	Working Environment	Maintenance Cost	Use
CIIS	No	Cloud, HTML, JS, PHP	Web-based	-	Ease of doing business
FMS – New	No	Cloud, HTML, JS, PHP	Web-based	-	Ease of doing business
FMS – Old	No	HTML, JS, PHP	Client -based	-	Ease of doing business
KMIS	No	HTML, JS, PHP	Client-based	-	Ease of doing business
NDC Dashboard	No	Cloud, HTML, JS, PHP	Web-based	-	Ease of doing business

1.3 Operational Oversight/Administrative Systems					
Name of System	Own Intellectual Property	Development Platform	Working Environment	Maintenance Cost	Use
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

1.4 Databases

Name of Database	Own Intellectual Property	Brief Description and Key Fields	Database Management Software Used	Maintenance Cost	Use
CIIS DB	No	Connection of Cloud-based system	Amazon Web Services	-	Ease of doing business
FMS DB - New	No	Database of FMS	Amazon Web Services	-	Ease of doing business
FMS DB – Old	No	Database of FMS	PHPMyAdmin	-	Ease of doing business
KMIS DB	No	Database of KMIS	MongoDB	-	Ease of doing business
NDC Dashboard	No	Database of all workgroup	Amazon Web Services	-	Ease of doing business

2. Network

2.1 Does your agency have a Local Area Network (LAN)? **YES**

2.2 Does your agency have an Intranet? **YES**

2.3 If yes, does your agency have a Virtual Private Network (VPN)? **NO**

2.4 Does your agency have a Wide Area Network (WAN)? **YES**

2.5 Does your agency have a Private Automatic Branch Exchange (PABX or PBX)? **YES**

2.6 If yes, what is the PBX set up? **TELEPHONE AND FAX**

2.7 Is your agency connected to the Internet? **YES**

2.8 What is/are your agency's mode/s of access to the Internet? **WiFi, FIBER LINE, MOBILE PHONE**

2.9 Who is (are) your Internet Service Provider(s)? If more than one, please state who is the primary and who is the secondary provider? **DICT**

2.10 What is the combined internet bandwidth (voice and data)? **1000 mbps**

2.11 How many employees have access to the Internet in the office? **84**

2.12 How many employees have their own official e-mail address? **78**

2.13 Does your agency have a web site? **YES**

2.14 If YES, what is the URL of your agency's web site? **http://ndc.gov.ph/**

3. Security, Disaster Recovery and Backup

3.1 Does your agency have a protection scheme for your ICT resources? **YES**

3.2 If YES, what is/are the measure/s being used by your office?

Security Policy/Guideline,

Back-up Power Unit,

Software Firewall,

Subscription to a Security Service,

Off-site backup,

Physically restricted access to critical ICT equipment,

Secure Servers,

Storage of backup media in localities other than the operating environment.

4. Data Archiving

4.1 Does your agency have a data archiving system? **YES**

4.2 If yes, what type of data archiving system does your agency use? **Manual/Electronic**

4.3 If electronic data archiving is being utilized, what is the mode? **Conventional**

4.4 If conventional mode, what is the medium of storage of the archived data? **Local Server**

4.5 What information is archived by your agency electronically?

Publications,

Audio-visual recordings,

Photographs,

Letters, memorandum orders, communications, etc.

5. **Special Solutions and Other Services**		
SPECIAL SOLUTION PACKAGE	USE	MAINTENANCE COST
Geographic Information System	-	-
Automated Fingerprint Identification System	For door access	-
Cloud Computing	-	-
CCTV System	Security	-

6. Data Archiving

6.1 Does your agency have a data center? **NO**

6.2 If yes, how many sites? **N/A**

6.3 Maintenance Setup: **N/A**

6.4 Backup site: **N/A**

7. ICT PROJECTS

7.1 Details of Ongoing ICT Projects

PROJECT NAME	DESCRIPTION	PERIOD		Cost	Development Strategy	Status	Use
		Start	End				
Integration of Information Systems	Development of Digital Transformation for NDC processes	01/01/2024	12/01/2025	8,250,000	Outsourced	Under Development	Ease of Doing Business
Existing ICT Infrastructure Upgrade and Maintenance	Procurement of ICT equipment	01/01/2024	12/31/25	17,984,000	Outsourced/In-house	Operational	Ease of Doing Business
Digitization of All Relevant NDC Records and Uploading to Knowledge Management Information System	Scanning of documents and upload to KMIS	01/01/2024	12/31/2025	2,500,000	In-house	For Enhancement	Ease of Doing Business
Continuing Cost	Renewal of Email and Cloud Hosting and Website Hosting	12/06/2022 05/01/2022 10/26/2022	12/06/2025 05/01/2025 10/27/2025	2,410,000	Outsourced	Operational	Ease of Doing Business

8.2 Issues Encountered in the Implementation of ICT Projects:

Problems in procurement

Covid-19 Pandemic