



BUSINESS PLAN 2024-2028

CARMONA WATER DISTRICT
Blk. 8 Lot 8 Joy Street Cityland Subd.
Mabuhay, City of Carmona, Cavite

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BRIEF PROFILE OF CARMONA WATER DISTRICT

Carmona Water District (CWD) is a non-profit, government-owned and controlled corporation which was established to provide water services under Level III System. CWD is one of the local water distributors here in Cavite serving 17,568 concessionaires in the City of Carmona. CWD have 18 pumping stations in different barangays in Carmona that supplies water 24 hours a day and 7 days a week. CWD is capable of supplying sufficient, safe and potable water for all households.



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Postal Code	: 4116
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Email Address	: carmonawd@yahoo.com / pro@carmonawd.gov.ph
Category	: Category B
CCC No.	: 561
Date CCC issued	: April 27, 1997
No. of Service Connections as of December 2023	: 17,568

HISTORY OF THE CARMONA WATER DISTRICT

Carmona Water District is a non-profit, government-owned and controlled corporation which was established to provide water services under Level III System to the City of Carmona with almost 23,000 households.

Municipal Resolution No. 077-96 dated October 14, 1996 gave way to the birth of Carmona Water District (CWD). Under this resolution, CWD shall have exclusive power to raise revenues and promulgate rules and regulations to run and manage the water utility pursuant to the provisions of Section 27, Title II of Presidential Decree 198 known as the Provincial Water Utilities Act of 1973.



Later on, this resolution was amended by the Sangguniang Bayan on November 18, 1998 under Municipal Resolution No. 077-98 creating the Carmona Water District and the designation of its Board of Directors. Since, Carmona Water District was still a non-self-supporting utility at that time, the Municipality of Carmona provided CWD a monthly subsidy of Php15,000.00 for a period of one (1) year to assist the district in its daily operations, supervision, and management.

On April 27, 1997, the Local Water Utilities and Administration (LWUA) - an agency created to assist provincial urban water-users through loans, training and other forms of assistance, awarded a Certificate of Conditional Conformance Number 561 to Carmona Water District. This marked the inception of Carmona Water District. Starting November 2015, Engr. Aniline B. Francia assumed the Leadership as the 3rd General Manager of CWD who brought major positive changes to the District at the onset of her assumption into office.

With the increasing number of concessionaires, CWD was challenged to respond to this demand with its sustained commitment of providing clean, potable and affordable water to all its customers.

Fortunately, through the concerted efforts of its employees and the good leadership and sound management, CWD has surpassed these challenges. Back in August 2006, the District been categorized by LWUA as BIG (from its original Small Category), having reached a remarkable of 5,000 service connections that year. And that has been a big leap for the Carmona Water District. CWD is now under Category B as approved by LWUA last 2012.

After eleven (11) years of renting an office space, CWD has successfully moved to its newly constructed office building at Block 8, Lot 8, Joy St., City land Subdivision in Mabuhay, Carmona, Cavite last May 28, 2008.

HISTORY OF THE CARMONA WATER DISTRICT

Year 2016 is the start of remarkable changes in CWD. One of them is the amendment of the Carmona Water District's Citizen's Charter by virtue of the CWD Board Resolution No. 18-2016 pursuant to the Republic Act No. 9485 or the Anti-Red Tape Act of 2007. The charter was further revised to adopt the guidelines of the Republic Act of 11032, otherwise known as the "Ease of Doing Business (EODB)" and Efficient Government Service Act of 2018 to further simplify and shorten the number of steps and time to deliver efficient, transparent and accountable frontline services.

Another significant milestone of Carmona Water District is the ISO certification issued on December 28, 2016 accredited by the United Registrar of Systems Philippines (URSP). CWD became one of several water districts in the Philippines holding the latest version of Quality Management System (ISO 9001:2015) with Certificate No.: 80132/A/0001/UK/En. With this meaningful accomplishment, CWD guarantees its concessionaires and employees of effective and efficient management of operations and resources. And recently, Carmona Water District achieved the certification to Environmental Management System (ISO 14001:2015) last August 4, 2020 with Certificate No.: 80132/B/0001/UK/En. CWD is the first local water district in Cavite to comply with the international standards for Environmental Management System.

And on September 26, 2022, the Certificate of Water Safety Plan Acceptance was issued to CWD in complying with the requirements for acceptability of the Department of Health (DOH) Administrative Order No. 2017-006 entitled "Guidelines for the Review and Approval of the Water Safety Plans of Drinking-Water Service Providers" that signifies the delivery of safe, adequate and potable drinking-water.

After twenty-six (26) years in public utility service to the City of Carmona, CWD has greatly improved from just starting with a single well. Now, the district has **eighteen (18) Pumping Stations** located within the 14 Barangays being served. Furthermore, in compliance to the Supreme Court Mandamus and Clean Water Act of 2012, CWD has built and operates its own Septage Treatment Plant (SpTP) last July 2022, being one of the few water districts to operate and manage its own SpTP.

Through the years, Carmona Water District has been continuously meeting its objective of supplying safe, clean, and potable water to all the constituents of Carmona and promised to continue doing it as a living manifestation and testament of its Mission and Vision.



CORPORATE STRUCTURE

BOARD OF DIRECTORS

DIR. ATTY. FREDERICK S. LEVARDO
Chairman

DIR. PATRICK A. DOLOROSO
Vice Chairman

DIR. JULIA C. DIAGO
Secretary

DIR. BERNARD M. LEDESMA
Member

DIR. MARCELLANA O. CONTEPRATO
Member

MANAGEMENT TEAM

ENGR. ANILINE B. FRANCIA
General Manager

MR. JOEMAR G. CUNANAN
Admin/Finance Division Manager

ENGR. MA. NIEVES C. MAÑABO
Engineering Division Head

MS. ROCELISA G. MAULANIN
Commercial Division Head

*“Great things in business
are never done by
one person.
They’re done by a
team of people.”*

Carmona Water District knows that upholding its mission is a combined effort of its entire corporate hierarchy.

On top of CWD’s corporate structure is the Board of Directors who is the policy-making and goal-setting body of the agency. Each of the Board Members came from different sectors of society namely: Civil, Business, Professional, and Women. Each is appointed by the local chief executive to a renewable six-year term.

Consequently, implementation of the policies and supervision of company’s day-to-day activities are vested upon the Management Team. It is headed by the General Manager subordinated by three (3) Division Managers for Commercial, Engineering, and Administrative and Finance.

MISSION AND VISION STATEMENT

IMS POLICY

CARMONA WATER DISTRICT is committed to ensuring the provision of quality water services and protecting the local and global environment. To achieve this, we will:

- Observe strict monitoring of the governing body standards to meet and exceed the customers' expectations.
- Give focus on the services we deliver, and aim to maintain open communications with the concessionaires and to respond actively and properly to customer feedback.
- Aim to continually improve the quality of the water we supply to our concessionaires through the acquisition of most appropriate technology.
- Comply with applicable legal and other requirements which relates to the Company's environmental aspects.
- Include the consideration of environmental issues in all business strategies and initiatives.
- Prevent pollution, reduce waste and minimize the consumption of resources.
- Educate, train and motivate employees, concessionaires, suppliers and others to carry out activities in an environmentally responsible manner.

VISION

The premier Water District in Cavite highly recognized for excellence in providing service and quality water for the welfare of the concessionaires and waste water industry.

Carmona Water District shall provide safe adequate, economical water and deliver services to address the needs of the concessionaires thereby actively participating in the environmental protection program of the community.

MISSION

Carmona Water District is committed to ensuring the provision of quality water services and strict monitoring of the governing body standards to meet and exceed the customers' expectations.

We give focus on the services we deliver, and aim to maintain open communications with our concessionaires and to respond actively and properly to customer feedback.

We aim to continually improve the quality of the water we supply to our concessionaires through the acquisition of most appropriate technology.

EXECUTIVE SUMMARY

The Business plan covers the first 5 years of 2024-2028 strategic plans and provide mechanisms to ensure compliance with that plan. The plan is responsive to the need of the customers by providing essential services in the most cost-effective manner possible as dictated by Carmona Water District mission statement.

Because of the determination to fulfill its mission, this business considered the external and internal conditions , population growth and water demand as well as the issues facing in implementing this five-year business plan.

Carmona Water District was created to be the provider of safe, adequate and economical water primarily to all residents and secondarily all commercial and industrial business within the vicinity of Carmona. The agency's management and employees joint hands in fulfilling its goals, vision and mission.

FOREWORD

Carmona Water Districts' goal to ensure concessionaires' satisfaction is anchored to service excellence. This five-year business plan provides complete information on the agency's development plan in delivering quality service.

Carmona Water District's 5-year Business Plan aims to impart a layout for a progressive development of the agency through commitment, engagement and team work. In this proposition, the management is positive that this business plan will be of great help to the management and will significantly contribute in attaining its mission.

STRATEGIC OBJECTIVES



- Provide safe, adequate, and economical water
- Extend prompt and quality services
- Preserve and protect water resources
- Ensure efficient management of financial resources
- Build partnership with stakeholders and concessionaires

CORE VALUES

Accountability

Our employees take responsibility for our own actions. We perform duties required by our job functions in an efficient, fair, and transparent manner.

Leadership

We work in an environment where the management values group motivation and team work, thus creating a vision that motivates and inspires all employees.

Ecological Awareness

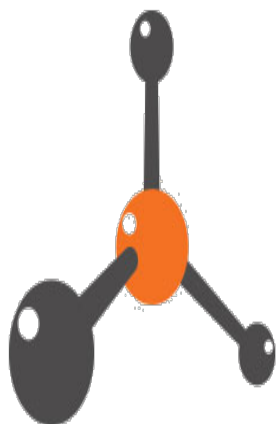
We realize the important need to preserve the environment and natural resources. We strongly support this advocacy through different activities within the agency.

Reliability

Our dependability and consistent good service reflect our commitment to our valued concessionaires.

Timelessness

As a public servant, we are always at your service going above and beyond our regular job duties.



THE PRIMARY FUNCTION OF THE DIVISIONS OF CARMONA WATER DISTRICT



Board of Directors

The Board of Directors is the policy-making body of the agency. The Board establishes and adopts policies and amend by-laws for the management and operations of the district.



General Manager

The General Manager, who is appointed by the Board of Directors, is in-charge of the over-all administration and direction of the district operations, including implementation of policies and procedures, approval of program of works, direct coordination with local government and other agencies of the government, management of the district expenditures, and overseeing all programs and activities of the district.



Administrative and Human Resources

The Administrative and Human Resource Division is responsible for the management of human resources, administrative and general services.



Commercial Division

The Commercial Division manages customer services and customer accounts which include billing activities of the district, records management of concessionaires, and attending to customer inquiries and complaints on billing and other water services.



Finance Division

Finance Division is responsible for the transparent reporting of the agency performance and financial position. This division is also responsible for budget preparation and allocation, and effective cash management procedures.



Engineering Division

The Engineering and Operations Division is responsible in handling water production, supply and quality control including the wastewater management. It also responsible for the implementation of water services infrastructure and projects.

CURRENT CONDITIONS - INTERNAL

Organizational Structure and Staffing

CWD has a total workforce complement of 90 as shown in the table (Table 1) below. Of these, 15% are contractual on job order basis while another 17% are casual employees and some 68% are regular employees. However, the total number of positions is 98, which is less than the present total workforce including casuals and job order contractual.

Table 1
CWD Workforce Complement

Level of Position	Number of Positions	Existing Number of Staff	Percentage to TOTAL
GM, BOD	6	6	6%
Dept./Div. Managers	6	3	3%
Supervisors	17	6	6%
Rank & File	69	47	48%
Casuals		20	20%
Contractors per Job Order		8	8%
Total	98	90	88%

CURRENT CONDITIONS - INTERNAL

The figure that follows is the organizational structure of the CWD under the Category B approved by the Department of Budget and Management.

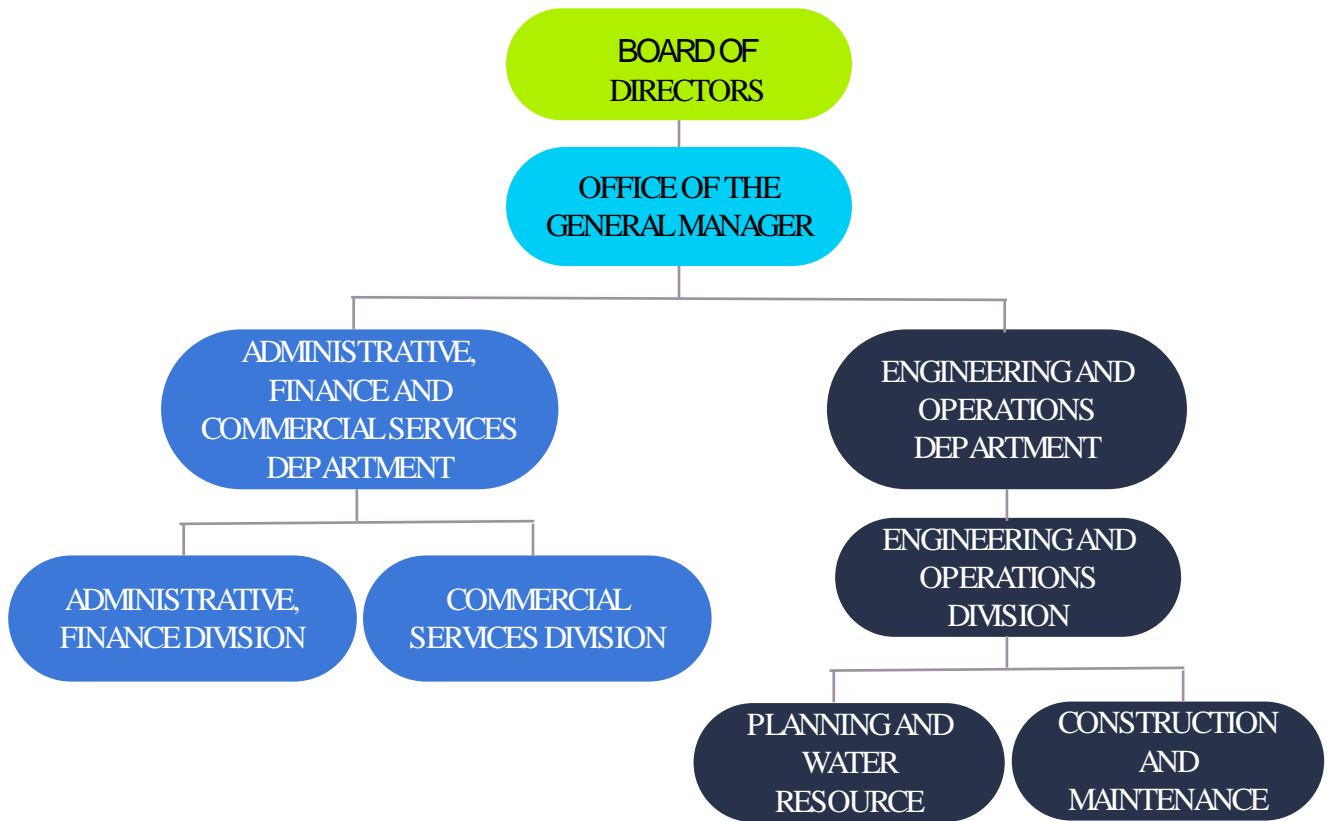


Figure 1
Proposed Organizational Structure

Financing Availability

Like all other Water Districts in the country, CWD prepares and implements budgets on an annual basis and is dependent on the revenues projected to be generated for the year. The primary source of these revenues come from the water sales and such is used to fund the requirements of the District for the year. These requirements include the operating and maintenance expenses, debt service, capital expenditures, the reserve and contingency appropriations. As of 2023, CWD has a total of Php 105,586,500.55 cash and cash equivalents. This represents that the District maintains its positive revenue despite the completion of its biggest project, the Renovation of CWD Office Building. CWD has no plan to loan for its future projects and activities for the following years.

GENDER AND DEVELOPMENT PLAN

GAD PROJECT 2023

Pursuant to the General Appropriations Act for the year 2024 and Republic Act 9710 or the "Magna Carta of Women, Carmona Water District allocated P 3,535,000.00 of its annual corporate budget for 2024 to Gender and Development project.

For the year 2024, Carmona Water District set fourteen (14) projects, programs and activities for the Gender and Development. The Ground Water Tank and Renovation of Roofing of Old Building are the major projects that takes the majority of the allocated budget amounting to P 2,500,000.00. The well drilling project is set to provide adequate water to concessionaires even in times of El Niño and the renovation of roofing is to ensure the safeguard of all CWD employees and avoid hazards that old/damaged roofs may cause.

CWD DISASTER RISK REDUCTION MANAGEMENT PLAN

CWD DRRM PLAN

In compliance to with the requirements of RA 10211 "The Philippine Disaster Risk Reduction and Management Act of 2010", the Carmona Water District established its own Disaster Risk Reduction and Management Plan to provide safe, adequate, economical water, and quality water services during and/or after calamities and to continually adhere to its Mandate.

This is to reinforce activities to prevent and mitigate, if possible, or to prepare for both natural and man-man induced hazards/calamities. Activities for responses, recovery and rehabilitation were established including supervision and responses to natural and man-made induced hazards/calamities stated below:

- | | |
|----------------------|--------------------------------|
| A. Typhoon | F. Waterborne Disease Outbreak |
| B. Flood | G. Fire |
| C. Drought | H. Power Interruption |
| D. Earthquake | I. Oil or Chemical Spill |
| E. Volcanic Eruption | J. Transmittable Diseases |
| | K. Water Sabotage |

Emergency drills such as Fire and Earthquake drill activities are being conducted in simultaneous/cooperation with the Carmona DRRM and usually done annually for Fire Drill and Quarterly for Earthquake Drills.

OCCUPATIONAL SAFETY AND HEALTH

OSH PROGRAM

In compliance to with the requirements of RA 11058 “An Act Strengthening Compliance with Occupational Safety and Health Standards and Providing Penalties for Violations thereof”, DOLE Department Order 198-18 and its IRR, and the applicable provisions of the Occupational Safety and Health Standards (OSHS), the Carmona Water District established its own Occupational Safety and Health Program. The following are General Safety and Health Programs identified and implemented by the agency:

- Conduct of Risk Assessment in the work place
- Medical Surveillance for newly hired and existing employees
- First-Aid, Health Care, Medicines and Equipment Facilities
- Health Programs for the Promotion, Prevention and Control for pertinent laws
- Establishment of Safety and Health Committee
- OSH Personnel and Facilities
- Safety and Health Promotion, Training, Education provided to Employees
- Conduct of Tool Box Meetings/Safety Meetings
- Accident/Incident/Injury Investigation, Recording and Reporting Procedure
- Provision and Use of Personal Protective Equipment (PPE)
- Use of Safety Signage
- Dust/Fume Control for Hazardous Equipment/Materials/Supplies
- Worker’s Facilities in the workplace
- Emergency and Disaster Preparedness
- Solid and Hazard Waste Management in line with ISO 14001:2015 EMS
- Control and Management of Hazards
- Prohibited Acts and Penalties for Violations on OSH Policy
- Budgetary Requirements for OSH Program
- Program Review and Evaluation Program

CURRENT CONDITIONS - EXTERNAL

Non-Revenue Water Reduction

Non-revenue water (NRW) is water that has been produced and lost before it reaches the customer. Losses can be real losses (through leaks, sometimes referred to as physical losses) or apparent losses such as through theft or meter inaccuracies. High levels of NRW are detrimental to financial viability of water utilities, as well as the quality of water itself.

In this light, Carmona Water District aims to reduce NRW with the Engineering Division and Commercial Division taking the lead. Likewise for 2023, Carmona Water District registered 19.94% non-revenue water almost equal to the standard set by LWUA which is 20%.

Table 2
Percentage of CWD's Non-Revenue Water

ITEM	VALUE	UNIT
Production Volume (2023 data)	4,637,950	Cubic Meter (cu.m)
Billed Consumption (2023 data)	3,713,111	cu.m.
Number of Service Connection as of December 2023	17,568	Service Connection
Average Monthly Consumption per Household	17.6	cu.m./Household /monthly
Non Revenue Water (Volume)	924,839	cu.m.
% NRW to Total Production	19.94	%

CURRENT CONDITIONS - EXTERNAL

Table 3
Likelihood and Risk Rating of Hazardous Events

Process Step	Hazardous event	Hazard	Likelihood	Severity	Risk Score	Risk Rating
Source (Ground Water)	Contamination due to open sounding tube and cable wire passage and well head	Microbial	5	5	25	High
	Contamination due to natural calamities such as flooding, earthquake, super typhoons, etc.	Microbial	2	5	10	Moderate
		Chemical	2	4	8	Moderate
		Physical	2	3	6	Moderate
	Possible water contamination due to sand pumping or over pumping	Physical	3	2	6	Moderate
	Water contamination due to presence of high Iron and Manganese	Chemical	3	3	9	Moderate
	Possible entry of contamination after the well rehabilitation activity or repair	Microbial	2	5	10	Moderate
	Possible water contamination due to salt water intrusion	Chemical	1	4	4	Low
Storage (tank cover & Reservoir)	Ingress of rust due to corroded metal cover	Microbial	3	5	15	High
		Physical	3	3	9	Moderate
	Contamination due to water sabotage	Microbial Chemical Physical	5 5 5	5 4 3	25 20 15	High High High
Treatment	Ingress of rust due to corroded metal cover	Physical	2	3	6	Moderate
		Chemical	2	4	8	Moderate
	Contamination due to prolonged water storage	Microbial	1	5	5	Low
Treatment	Contamination due to entry of insects and birds in tanks opening or over flow	Microbial	5	5	25	High
	Possible contamination due to unavailability of Chlorine Dioxide supply	Microbial	2	5	10	Moderate
	Possible contamination due to chlorine dioxide overdosing	Chemical	3	3	9	Moderate
		Physical	3	2	6	Moderate
Treatment	Possible contamination due to unavailability of Chlorine Dioxide supply	Microbial	5	5	25	High
		Chemical	3	3	9	Moderate
		Physical	3	2	6	Moderate

CURRENT CONDITIONS - EXTERNAL

Table 3
Likelihood and Risk Rating of Hazardous Events

Process Step	Hazardous event	Hazard	Likelihood	Severity	Risk Score	Risk Rating
Treatment	Defective Chlorinating System that may cause possible water contamination	Microbial	3	5	15	High
	Possible microbial growth in water supply system due to prolonged Power interruption	Microbial	3	5	15	High
Distribution	Contamination due to pipe burst	Microbial	4	5	20	High
		Chemical	4	3	12	Moderate
		Physical	4	2	8	Moderate
	Entry of contaminants at leaking pipeline, valves and fittings during low pressure or no water (vacuum flow)	Physical	5	2	10	Moderate
	Contamination in new connection of pipelines due to presence of welding flux during fabrication	Physical	5	3	15	High
	Contamination in new connection of pipelines due to unsecured pipelines on open trench during construction and interconnection	Microbial	5	5	25	High
		Physical	5	2	10	Moderate
Consumer Premises	Contamination in service lines and water meters due to improper installation	Physical	5	3	15	High
		Microbial	3	5	15	High
		Chemical	3	3	9	Moderate
	Entry of contaminants due to service connection leakages	Physical	3	2	6	Moderate
		Microbial	5	5	25	High
		Chemical	5	4	20	High
		Physical	5	3	15	High
Consumer Premises	Entry of contaminants due to illegal connection	Microbial	5	5	25	High
	Possible water contamination due to the use of booster pump	Microbial	3	5	15	High
	Intrusion of contaminants due to backflow	Microbial	3	5	15	High

Barriers in Implementing this Five-Year Strategic Business Plan

Whenever an organization wants to move ahead, regardless of their size, level of economic development, they have to face dynamic and complex environment due to the globalization, technological development, new emerging markets. At that time organizations need more sophisticated and contemporary strategic planning for their survival and growth. As organizations moves toward strategic planning, they face different barriers. The following are the barriers in implementing this business plan:

- lack of strict monitoring of schedules
- different interpretations of laws
- purchasing processes in the Government
- miscommunications between LGU officials/other government agencies
- red tapes/politics in government transactions
- low collections due to force majeure/pandemic
- rotten tomato in the group

Monitoring, Commentary and Corrective Actions

The Business Plan must be reviewed and updated on a yearly basis in order to keep track of the unforeseen scenarios in the operations. The review and updating must involve both the policy-making body and the executive branch of the organization. The Management then has to cascade the Business Plan to every personnel of the District in order to have unity and coordination in the performance of responsibilities and duties towards the attainment of the organization's strategic goals.

Strategic Goals of the Utility

As an ISO certified company, Carmona Water District established its Integrated Management System Manual and Procedures for Quality (9001) and Environmental (14001) Management System to improve the agency's overall performance and provide a sound basis for sustainable development initiatives. Thus, CARMONA WATER DISTRICT is committed to ensuring the provision of quality water services and protecting the local and global environment. To achieve this, we will:

- Observe strict monitoring of the governing body standards to meet and exceed the customers' expectations.
- Give focus on the services we deliver, and aim to maintain open communications with the concessionaires and to respond actively and properly to customer feedback.
- Aim to continually improve the quality of the water we supply to our concessionaires through the acquisition of most appropriate technology.
- Comply with applicable legal and other requirements which relates to the Company's environmental aspects.
- Include the consideration of environmental issues in all business strategies and initiatives.
- Prevent pollution, reduce waste and minimize the consumption of resources.

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Analysis and Forecast of Personnel Structure

CARMONA WATER DISTRICT

Staff Status	Base Year			Year 1				Year 2				
	2023			2024				2025				
	No. of Staff	Ave. Mo. Net Basic Pay (PhP)	Annual Cost (PhP)	No. of Staff	Pay Increase	Ave. Mo. Net Basic Pay (PhP)	Annual Cost (PhP)	No. of Staff	Pay Increase	Ave. Mo. Net Basic Pay (PhP)	Annual Cost (PhP)	
Regular	70	26,963	22,649,148	70	3%	27,772	23,328,622	70	3%	28,605	24,028,481	
Casual	20	17,649	4,235,724	20	3%	18,178	4,362,796	20	3%	18,724	4,493,680	
Contractual/Job Order	9	10,188	1,100,293	9	3%	10,494	1,133,302	9	3%	10,808	1,167,301	
Total Staff Cost/ Year (PhP)	99		27,985,165	99			28,824,720	99			29,689,462	
Annual % Increase in Labor Cost							3.0%				3.0%	
No. of connections (Water+Sewer)	15,977			19,403				19,753				
No. of Conns./Staff	161			196				200				
Staff Status	Year 3			Year 4				Year 5				
	2026			2027				2028				
	No. of Staff	Pay Increase	Ave. Mo. Net Basic Pay (PhP)	Annual Cost (PhP)	No. of Staff	Pay Increase	Ave. Mo. Net Basic Pay (PhP)	Annual Cost (PhP)	No. of Staff	Pay Increase	Ave. Mo. Net Basic Pay (PhP)	Annual Cost (PhP)
Regular	70	3%	29,463	24,749,336	70	3%	30,347	25,491,816	70	3%	31,258	26,256,570
Casual	20	3%	19,285	4,628,490	20	3%	19,864	4,767,345	20	3%	20,460	4,910,365
Contractual/Job Order	9	3%	11,133	1,202,320	9	3%	11,467	1,238,390	9	3%	11,811	1,275,541
Total Staff Cost/ Year (PhP)	99			30,580,146	99			31,497,550	99			32,442,476
Annual % Increase in Labor Cost				3.0%				3.0%				3.0%
No. of connections (Water+Sewer)	20,110			20,474				20,845				
No. of Conns./Staff	203			207				211				

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Water Demand Analysis and Sales Forecast

CARMONA WATER DISTRICT

	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Population/Customer Profile						
Total City/Municipal Population	112,275	114,521	116,811	119,147	121,530	123,961
Population Covered by Other Service Providers	26,497	27,027	27,567	28,119	28,681	29,255
% of Total Population	24%	24%	24%	24%	24%	24%
Maximum Serviceable Population	85,778	87,494	89,244	91,028	92,849	94,706
Population Covered by WD Water Distribution System	85,778	87,494	89,244	91,028	92,849	94,706
% of Total Population	76%	76%	76%	76%	76%	76%
% of LGU Population Not Covered by Any Service Provider	0%	0%	0%	0%	0%	0%
Population Served by Household Connections	70,365	87,494	89,244	91,028	92,849	94,706
Population Served by Public Faucets	0	0	0	0	0	0
Total Population Served	70,365	87,494	89,244	91,028	92,849	94,706
% of Total Population	63%	76%	76%	76%	76%	76%
% Willing-to-Connect to WD Water System	82%	100%	100%	100%	100%	100%
Registered Active Water Service Connections						
	15,977	19,403	19,753	20,110	20,474	20,845
Metered Connections	15,977	19,403	19,753	20,110	20,474	20,845
Non-metered Connections	0	0	0	0	0	0
% Metered Connections	100%	100%	100%	100%	100%	100%
No. of New Metered Connections per Year		3,426	350	357	364	371
Individual Household Connections						
	14,073	17,499	17,849	18,206	18,570	18,941
Metered HH Connections	14,073	17,499	17,849	18,206	18,570	18,941
Non-metered HH Connections	0	0	0	0	0	0
% Metered HH Connections	100%	100%	100%	100%	100%	100%
No. of New Metered HH Connections per Year		3,426	350	357	364	371
Public Faucets						
	0	0	0	0	0	0
Metered PFs	0	0	0	0	0	0
Non-metered PFs	0	0	0	0	0	0
% Metered PFs	0%	0%	0%	0%	0%	0%
Average HHs per PF	0	0	0	0	0	0
Commercial Connections						
	1,808	1,808	1,808	1,808	1,808	1,808
Metered Connections	1,808	1,808	1,808	1,808	1,808	1,808
Non-metered Connections	0	0	0	0	0	0
% Metered Connections	100%	100%	100%	100%	100%	100%
No. of New Metered Commercial Connections per Year		0	0	0	0	0
Institutional Connections						
	96	96	96	96	96	96
Metered Connections	96	96	96	96	96	96
Non-metered Connections	0	0	0	0	0	0
% Metered Connections	100%	100%	100%	100%	100%	100%
No. of New Metered Institutional Connections per Year		0	0	0	0	0

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Water Demand Analysis and Sales Forecast

CARMONA WATER DISTRICT

	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Industrial Connections	0	0	0	0	0	0
Metered Connections	0	0	0	0	0	0
Non-metered Connections	0	0	0	0	0	0
% Metered Connections	0%	0%	0%	0%	0%	0%
No. of New Metered Industrial Connections per Year		0	0	0	0	0
Registered Sewer Connections	0	0	0	0	0	0
Households	0					
Sewer Coverage HH (%)	0%	0%	0%	0%	0%	0%
Commercial	0	0	0	0	0	0
Institutional	0	0	0	0	0	0
Industrial	0	0	0	0	0	0
Septage Collection						
Customers	15,977	19,403	19,753	20,110	20,474	20,845
Households	14,073	17,499	17,849	18,206	18,570	18,941
Septage Collection Coverage HH (%)	63%	76%	76%	76%	76%	76%
Commercial	1,808	1,808	1,808	1,808	1,808	1,808
Institutional	96	96	96	96	96	96
Industrial	0	0	0	0	0	0
Non-Customers	5,299	5,405	5,513	5,624	5,736	5,851
Total Water Sales Volume (m³/year)	3,713,111	4,396,406	4,466,024	4,537,035	4,609,467	4,683,347
Metered Water Sales	3,713,111					
Non-metered Water Sales	0					
Individual Household Consumption	2,800,767	3,480,935	3,550,554	3,621,565	3,693,996	3,767,876
Metered HH Water Sales	2,800,767					
Non-metered HH Water Sales	0					
Public Faucets Consumption	0	0	0	0	0	0
Metered PF Water Sales	0					
Non-metered PF Water Sales	0					
Commercial Consumption	791,649	803,262	803,262	803,262	803,262	803,262
Metered Water Sales	791,649					
Non-metered Water Sales	0					
Institutional Consumption	120,695	112,208	112,208	112,208	112,208	112,208
Metered Water Sales	120,695					
Non-metered Water Sales	0					
Industrial Consumption	0	0	0	0	0	0
Metered Water Sales	0					
Non-metered Water Sales	0					

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Water Demand Analysis and Sales Forecast

CARMONA WATER DISTRICT

	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Per Capita Demand (lpcd)						
Individual Household	109	109	109	109	109	109
Public Faucet	0	0	0	0	0	0
Per Connection Demand (m³/day)						
Individual Household	0.55	0.55	0.55	0.55	0.55	0.55
Public Faucet	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	1.20	1.22	1.22	1.22	1.22	1.22
Institutional	3.44	3.20	3.20	3.20	3.20	3.20
Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Retail Water Demand (m³/day)	10,173	12,045	12,236	12,430	12,629	12,831
Bulk Water Sales (m³/day)	0	0	0	0	0	0
Total Water Demand (Ave. m³/day)	10,173	12,045	12,236	12,430	12,629	12,831
Produced Water (m³/day)	12,707	15,056	15,295	15,538	15,786	16,039
Purchased Water (m³/day)	0	0	0	0	0	0
Total Water to System (m³/day)	12,707	15,056	15,295	15,538	15,786	16,039
Allowance for % NRW	20%	20%	20%	20%	20%	20%
Projected Population Increase (%)	2.00%					
Projected Commercial Connection Increase (%)	0.00%					
Projected Institutional Connection Increase (%)	0.00%					
Projected Industrial Connection Increase (%)	0.00%					
No. of Persons per Household	5.00					

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Capital Expenditures Program (PhP '000)

CARMONA WATER DISTRICT

Item	Qty.	Unit Cost	Total Cost Year 1-5	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Capital Renewal									
None		0.00	0						
		0.00	0						
		0.00	0						
Total Capital Renewal Expenditures			0	0	0	0	0	0	0
Capital Repair and Replacement									
Replacement of uncalibrated water meters	1		31,350,000		5,850,000	6,000,000	6,250,000	6,500,000	6,750,000
Repairing and/or reconstructing of roofing of Old Office Building	1		2,000,000		2,000,000				
		0.00	0						
Total Capital Repair and Replacement Reserve			33,350,000	0	7,850,000	6,000,000	6,250,000	6,500,000	6,750,000
New Capital Investments									
related structures & facilities			34,000,000		3,000,000	16,000,000		15,000,000	
Procurement of additional generator sets			6,000,000		1,700,000		2,000,000		2,300,000
Procurement of Solar Panel with complete accessories			10,000,000					5,000,000	5,000,000
Purchase of leak detection equipment and other equipment, automation of pumpin			11,000,000		3,000,000	500,000	3,500,000		4,000,000
Procurement of Filtration System in Pumping Station			5,000,000			5,000,000			
Interconnection of new pipelines and establishment of District Metered Areas (DMA			7,550,000		1,350,000	1,000,000	1,850,000	1,500,000	1,850,000
Establishment of water testing facility/laboratory and operations			3,000,000			3,000,000			
Purchase of computers, printers and other hardwares			1,710,000		510,000	300,000	300,000	300,000	300,000
Procurement office equipment such as airconditioning units, etc.			200,000		200,000				
Purchase of various furnitures and fixtures			100,000				100,000		
Purchase of various softwares			4,000,000		1,000,000	3,000,000			
Purchase of new motor vehicles			1,660,000			80,000	1,500,000	80,000	
Total New Capital Investments			84,220,000	0	10,760,000	28,880,000	9,250,000	21,880,000	13,450,000
Contribution to New Capital Investment Reserve	0%		0	0	0	0	0	0	0
New Capital Investment Loans	0%		0		0	0	0	0	0
Total Capital Investments from Free Cash Flow		0	117,570,000	0	18,610,000	34,880,000	15,500,000	28,380,000	20,200,000
Capital Investments from Grants									
None			0	0	0	0	0	0	0
			0						
Total Capital Investments from Grants			0	0	0	0	0	0	0

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Operation and Maintenance Budget Forecast (PHP)

CARMONA WATER DISTRICT

Expenses	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Basic Salaries						
Regular Staff	22,649,148	23,328,622	24,028,481	24,749,336	25,491,816	26,256,570
Casual Staff	4,235,724	4,362,796	4,493,680	4,628,490	4,767,345	4,910,365
Contractual/Job Order Staff	1,100,293	1,133,302	1,167,301	1,202,320	1,238,390	1,275,541
Sub Total	27,985,165	28,824,720	29,689,462	30,580,146	31,497,550	32,442,476
Other Compensation						
Overtime	785,912	793,771	801,708	809,725	817,823	826,001
13th Month Pay	1,764,550	1,782,196	1,800,018	1,818,018	1,836,198	1,854,560
Bonuses	5,037,001	5,087,371	5,138,245	5,189,628	5,241,524	5,293,939
Other Compensation	2,680,977	2,707,787	2,734,865	2,762,214	2,789,836	2,817,734
Compensation of Board of Directors	844,254	852,697	861,224	869,836	878,534	887,320
Other Board Compensation	0	0	0	0	0	0
Sub Total	11,112,695	11,223,822	11,336,060	11,449,420	11,563,915	11,679,554
Personnel Costs						
GSIS	2,593,919	2,619,858	2,646,057	2,672,517	2,699,243	2,726,235
PhilHealth Contributions	402,900	406,929	410,998	415,108	419,259	423,452
Pag-Ibig Contributions	85,800	86,658	87,525	88,400	89,284	90,177
Employee Compensation	85,750	86,608	87,474	88,348	89,232	90,124
Terminal Leave	2,940,476	2,969,880	2,999,579	3,029,575	3,059,871	3,090,470
Sub Total	6,108,845	6,169,933	6,231,632	6,293,949	6,356,888	6,420,457
Expenditures						
Maintenance	6,038,524	6,098,909	6,098,909	6,098,909	6,098,909	6,098,909
Materials	2,408,121	2,432,202	2,432,202	2,432,202	2,432,202	2,432,202
Chemicals	2,340,905	2,364,314	2,364,314	2,364,314	2,364,314	2,364,314
Electricity	24,333,759	24,577,097	24,577,097	24,577,097	24,577,097	24,577,097
Security Services	1,539,557	1,554,953	1,554,953	1,554,953	1,554,953	1,554,953
Other Contracted Services	838,606	846,992	846,992	846,992	846,992	846,992
Transport (fuel, oil, vehicle insurance)	1,307,920	1,320,999	1,320,999	1,320,999	1,320,999	1,320,999
Office and Administrative	555,491	561,046	561,046	561,046	561,046	561,046
Taxes (premiums and other fees)	2,933,603	2,962,939	2,962,939	2,962,939	2,962,939	2,962,939
Purchased Water	0	0	0	0	0	0
Other Expenditures	3,723,264	3,760,497	3,760,497	3,760,497	3,760,497	3,760,497
Public Relations	0	0	0	0	0	0
O&M Contingency	0	0	0	0	0	0
Sub Total	46,019,750	46,479,948	46,479,948	46,479,948	46,479,948	46,479,948
Total Operation and Maintenance	91,226,455	92,698,422	93,737,102	94,803,462	95,898,300	97,022,435

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Operation and Maintenance Budget Forecast (PhP)

CARMONA WATER DISTRICT

Expenses	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Norms	2023	2024	2025	2026	2027	2028
Based on % of Basic Salary:						
Overtime	2.81%	1.00%	1.00%	1.00%	1.00%	1.00%
13th Month Pay	6.31%	1.00%	1.00%	1.00%	1.00%	1.00%
Bonuses	18.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Other Compensation	9.58%	1.00%	1.00%	1.00%	1.00%	1.00%
GSIS	9.27%	1.00%	1.00%	1.00%	1.00%	1.00%
PhilHealth Contributions	1.44%	1.00%	1.00%	1.00%	1.00%	1.00%
Pag-Ibig Contributions	0.31%	1.00%	1.00%	1.00%	1.00%	1.00%
Employee Compensation	0.31%	1.00%	1.00%	1.00%	1.00%	1.00%
Training	10.51%	1.00%	1.00%	1.00%	1.00%	1.00%
PhP/year/connection:						
Public Relations	0.00	1.00%	1.00%	1.00%	1.00%	1.00%
PhP/m³:						
Chemicals	0.50	1.00%	1.00%	1.00%	1.00%	1.00%
Electricity	5.25	1.00%	1.00%	1.00%	1.00%	1.00%
Purchased Water	0.00	1.00%	1.00%	1.00%	1.00%	1.00%
Increasing/Decreasing Rates:						
Compensation of Board of Directors		1.00%	1.00%	1.00%	1.00%	1.00%
Other Board Compensation		1.00%	1.00%	1.00%	1.00%	1.00%
Maintenance		1.00%	1.00%	1.00%	1.00%	1.00%
Materials		1.00%	1.00%	1.00%	1.00%	1.00%
Security Services		1.00%	1.00%	1.00%	1.00%	1.00%
Other Contracted Services		1.00%	1.00%	1.00%	1.00%	1.00%
Transport (fuel, oil, vehicle insurance)		1.00%	1.00%	1.00%	1.00%	1.00%
Office and Administrative		1.00%	1.00%	1.00%	1.00%	1.00%
Taxes (premiums and other fees)		1.00%	1.00%	1.00%	1.00%	1.00%
Other Expenditures		1.00%	1.00%	1.00%	1.00%	1.00%

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Debt Service (PhP)

CARMONA WATER DISTRICT

Description	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
DEBT SERVICE						
Existing Loans						
Interest Payments	0	0	0	0	0	0
Principal Repayments	0	0	0	0	0	0
Total Payments Loan #1	0	0	0	0	0	0
New Capital Investments Loans						
Interest Payments	0	0	0	0	0	0
Principal Repayments	0	0	0	0	0	0
Total Payments Loan #2	0	0	0	0	0	0
Other Loans						
Interest Payments	0	0	0	0	0	0
Principal Repayments	0	0	0	0	0	0
Total Payments Loan #3	0	0	0	0	0	0
TOTAL LOANS						
Total Interest Payments	0	0	0	0	0	0
Total Principal Repayments	0	0	0	0	0	0
Total Loan Payments	0	0	0	0	0	0

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Revenue Needs (PHP)

CARMONA WATER DISTRICT

Description	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Operation and Maintenance Costs						
Personal Services	6,108,845	6,169,933	6,231,632	6,293,949	6,356,888	6,420,457
Maintenance and Other Operating Expenses	46,019,750	46,479,948	46,479,948	46,479,948	46,479,948	46,479,948
Sub-Total	91,226,455	92,698,422	93,737,102	94,803,462	95,898,300	97,022,435
Debt Service						
Interest Payments from Revenues	0	0	0	0	0	0
Principal Repayment from Revenues	0	0	0	0	0	0
Debt Repayment Reserve	0	0	0	0	0	0
Sub-Total	0	0	0	0	0	0
Capital Expenditures						
Capital Renewal Expenditures	0	0	0	0	0	0
Capital Repair and Replacement Reserve	0	7,850,000	6,000,000	6,250,000	6,500,000	6,750,000
New Capital Investment Reserve	0	10,760,000	28,880,000	9,250,000	21,880,000	13,450,000
Sub-Total	0	18,610,000	34,880,000	15,500,000	28,380,000	20,200,000
Subsidies						
Subsidies from Central/Local Government	0	0	0	0	0	0
Sub-Total	0	0	0	0	0	0
Total Revenue Needs	91,226,455	111,308,422	128,617,102	110,303,462	124,278,300	117,222,435
Collection Efficiency (% per Year)	95%	95%	95%	95%	95%	95%
Adjusted Total Revenue Needs with the Collection Efficiency	96,027,847	117,166,760	135,386,423	116,108,908	130,819,264	123,392,037
Debt Service Reserve						
(O&M Contingency+Debt Repayment Reserve+Capital Expenditures)	0	18,610,000	34,880,000	15,500,000	28,380,000	20,200,000
Total Debt Service Reserve (as % on Adjusted Total Revenue Needs)	0.00%	12.12%	22.38%	9.80%	17.68%	12.40%

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Pricing Strategy

CARMONA WATER DISTRICT

Description	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Water Connections						
Individual Households	14,073	17,499	17,849	18,206	18,570	18,941
Public Faucets	0	0	0	0	0	0
Commercial	1,808	1,808	1,808	1,808	1,808	1,808
Institutional	96	96	96	96	96	96
Industrial	0	0	0	0	0	0
Sewer Connections						
Households	0	0	0	0	0	0
Commercial	0	0	0	0	0	0
Institutional	0	0	0	0	0	0
Industrial	0	0	0	0	0	0
Septage Management						
Households	14,073	17,499	17,849	18,206	18,570	18,941
Commercial	1,808	1,808	1,808	1,808	1,808	1,808
Institutional	96	96	96	96	96	96
Industrial	0	0	0	0	0	0
Non-Customers	5,299	5,405	5,513	5,624	5,736	5,851
Water Sales (m³/day)						
Retail	10,173	12,045	12,236	12,430	12,629	12,831
Bulk	0	0	0	0	0	0
Unit Consumption						
Per Capita Water Demand (lpcd)						
Individual Households	109	109	109	109	109	109
Public Faucets	0	0	0	0	0	0
Per Connection Water Demand (m³/day)						
Individual Households	0.55	0.55	0.55	0.55	0.55	0.55
Public Faucets	0.00	0.00	0.00	0.00	0.00	0.00
Commercial	1.20	1.22	1.22	1.22	1.22	1.22
Institutional	3.44	3.20	3.20	3.20	3.20	3.20
Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Price Strategy (PhP)						
Water Service						
Volume for Minimum Charge (m ³ /connection/month)	10	10	10	10	10	10
Monthly Minimum Charge per Service Connection						
Individual Households	238.60	238.60	238.60	238.60	238.60	238.60
Commercial	477.20	477.20	477.20	477.20	477.20	477.20
Institutional	238.60	238.60	238.60	238.60	238.60	238.60
Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Commodity Charges (/m³)						
Individual Households	32.96	36.76	36.76	36.76	36.76	36.76
Commercial	52.42	39.37	39.37	39.37	39.37	39.37
Institutional	37.22	30.60	30.60	30.60	30.60	30.60
Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Monthly Flat Rate per Public Faucet	0.00	0.00	0.00	0.00	0.00	0.00
Bulk Water Tariff (/m³)	0.00	0.00	0.00	0.00	0.00	0.00
Sewerage Service (% of Water Bill)	0%	0%	0%	0%	0%	0%
Septage Management						
Customers (/m ³ of Water Consumed)	3.63	0.00	0.00	0.00	0.00	0.00
Non-Customers (flat rate)	0.00	0.00	0.00	0.00	0.00	0.00

FIVE-YEAR CAPITAL EXPENDITURE AND INVESTMENT FORECAST REVENUE NEEDS



Pricing Strategy

CARMONA WATER DISTRICT

Description	Base Year 2023	Year 1 2024	Year 2 2025	Year 3 2026	Year 4 2027	Year 5 2028
Revenues (PhP)						
Water Service						
Individual Households	76,945,324	100,871,145	102,888,568	104,946,340	107,045,267	109,186,172
Public Faucets	0	0	0	0	0	0
Commercial	40,480,753	33,436,049	33,436,049	33,436,049	33,436,049	33,436,049
Institutional	4,338,409	3,355,920	3,355,920	3,355,920	3,355,920	3,355,920
Industrial	0	0	0	0	0	0
Bulk		0	0	0	0	0
Minimum Charge						
Individual Households	40,293,814	50,102,371	51,104,418	52,126,506	53,169,037	54,232,417
Commercial	10,353,331	10,353,331	10,353,331	10,353,331	10,353,331	10,353,331
Institutional	274,867	274,867	274,867	274,867	274,867	274,867
Industrial	0	0	0	0	0	0
Commodity Charges						
Individual Households	36,651,511	50,768,775	51,784,150	52,819,833	53,876,230	54,953,755
Commercial	30,127,422	23,082,718	23,082,718	23,082,718	23,082,718	23,082,718
Institutional	4,063,541	3,081,053	3,081,053	3,081,053	3,081,053	3,081,053
Industrial	0	0	0	0	0	0
Sewerage						
Households	0	0	0	0	0	0
Commercial	0	0	0	0	0	0
Institutional	0	0	0	0	0	0
Industrial	0	0	0	0	0	0
Septage Management						
Households	10,083,586	12,538,192	12,788,956	13,044,735	13,305,629	13,571,742
Commercial	2,988,841	2,988,841	2,988,841	2,988,841	2,988,841	2,988,841
Institutional	400,418	400,418	400,418	400,418	400,418	400,418
Industrial	0	0	0	0	0	0
Non-Customers	0	0	0	0	0	0
Total Revenues by Type of Service						
Water	121,764,486	137,663,114	139,680,537	141,738,309	143,837,236	145,978,141
Sewerage	0	0	0	0	0	0
Septage Management	13,472,845	15,927,451	16,178,214	16,433,994	16,694,888	16,961,001
Others	0	0	0	0	0	0
Total Revenues (from Price Strategy)	135,237,330	153,590,565	155,858,752	158,172,302	160,532,124	162,939,142
Adjusted Total Revenue Needs with the Collection Rate	96,027,847	117,166,760	135,386,423	116,108,908	130,819,264	123,392,037
Annual Cash Flow Surplus	39,209,483	36,423,805	20,472,329	42,063,395	29,712,860	39,547,105
Accumulative Cash Flow Surplus	105,586,501	142,010,305	162,482,634	204,546,029	234,258,889	273,805,994

ACCOMPLISHED PROGRAMS AND PROJECTS FY 2023

Program/Project	Supplier	PMO/End-User	Mode of Procurement	Beneficiaries	Approved Budget for the Contract	Contract Cost	Project Status	Remarks
Design, Construction and Improvement of Carmona Water District Office Building	Protech Construction and Development Corp.	ENG. DIV.	Public Bidding	Carmona Water District	35,000,000.00	34,761,953.07	Completed	
Supply and Delivery of Two (2) Unit Demolition Jack Hammer	Aimtek Hardware Tools Trading	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	103,000.00	92,288.00	Completed	
Supply and Delivery of Labor, Tools, Equipment and Materials for the Re-drilling of Bancal Pumping Station 4 and Construction of its Facilities	Macrotrade Resources Inc.	ENG. DIV.	Public Bidding	CWD Bancal PS4	7,996,676.69	7,994,760.00	Completed	
Supply, Delivery & Installation of Three (3) Unit Automatic Voltage Regulator	LSI Loading Technologies Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	900,000.00	841,002.00	Completed	
Supply and Delivery of Service for Physical Chemical and Microbiological Testing for FY2023	Aqualab Analytical Services Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District Concessionaires	162,400.00	146,300.00	Completed	
Supply and Delivery of Labor, Tools, and Materials for the Repair and Maintenance of Cityland PS1 Elevated Water Tank	LCM Light Control Machine and Board Enterprises	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Cityland PS1	470,000.00	448,800.00	Completed	
Supply and Delivery of Service for On-Site Calibration of Fifteen (15) Unit Flow Meter	LKT Corporation	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	51,000.00	50,000.00	Completed	
Supply and Delivery of Laboratory Chemicals	Chem Flow Innovative Solutions Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Septage Treatment Facility	462,500.00	398,540.00	Completed	
Supply and Delivery of Labor, Tools & Equipment for Well Rehabilitation of Three (3) Pumping Station	Spandex Marketing Corporation	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	150,000.00	150,000.00	Completed	
Supply and Delivery of Thermal Paper	Forms International Enterprises Corporation	COM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Commercial Division	75,000.00	44,100.00	Completed	
Supply and Delivery of Various Fittings and Materials	Rondex Enterprises Corp.	ENG. DIV.	Public Bidding	Carmona Water District	1,382,500.00	1,100,285.80	Completed	
Supply and Delivery of Service for Waste Water Test FY 2023	Scientia Tech Co.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	105,000.00	87,600.00	Completed	
Supply and Delivery of Labor and Materials for the Repair of Three (3) Unit Generator Set	Mabuhay Power & Diesel Generator Services Co. Ltd.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	93,000.00	90,000.00	Completed	
Supply and Delivery of Security Services for CWD Office Building and Septage Treatment Plant	Arviter Top of the Line Security Investigation Specialist	ENG. DIV.	Public Bidding	Carmona Water District Office & Septage Treatment Facility	1,811,224.80	1,364,026.32	Completed	
Supply and Delivery of Volumetric Rotary Piston Type Water Meter	JB Janz Marketing	ENG. DIV.	Public Bidding	Carmona Water District	2,520,000.00	2,156,400.00	Completed	
Annual Medical Check-Up of Carmona Water District Personnel	Municipality of Carmona	ALL DIV.	Negotiated Procurement - Agency-to-Agency(Sec. 53.5)	Carmona Water District Employees	145,140.00	145,140.00	Completed	
Supply and Delivery of Submersible Pump and Motor for Milagrosa Homes Pumping Station (Emergency Case)	Armen Electro-Mech Sales & General Merchandise	ENG. DIV.	Negotiated Procurement - Emergency Case(Sec. 53.2)	CWD Milagrosa Homes PS	230,800.00	230,800.00	Completed	
Well Rehabilitation of Milagrosa Homes Pumping Station (Emergency Case)	Spandex Marketing Corporation	ENG. DIV.	Negotiated Procurement - Emergency Case(Sec. 53.2)	CWD Milagrosa Homes PS	55,000.00	55,000.00	Completed	
Supply and Delivery of Materials for Painting Works	DJ & 3K Construction Supply	ENG. DIV.	Public Bidding	CWD Engineering Division	53,643.00	53,455.00	Completed	
Supply and Delivery of One (1) Unit of 165 KVA Generator Set with Trailer	Power Access Electrical Services	ENG. DIV.	Public Bidding	Carmona Water District	1,150,000.00	1,048,888.00	Completed	
Supply and Delivery of Carbonless Continuous Form with Letterhead	Forms International Enterprises Corporation	COM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Commercial Division	105,000.00	103,500.00	Completed	
Supply and Delivery of Electrical Materials for Pumping Stations	Techbred Concept Corporation	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	382,700.00	364,229.60	Completed	
Supply and Delivery of Air Release Valve	Unifield Enterprises Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	87,000.00	64,380.00	Completed	
Supply and Delivery of One (1) Unit Submersible Pump and Motor	Armen Electro-Mech Sales & General Merchandise	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	430,000.00	400,000.00	Completed	

ACCOMPLISHED PROGRAMS AND PROJECTS FY 2023

Supply and Delivery of Labor, Tools & Equipment for Well Rehabilitation of Mabuhay Pumping Station	Spandex Marketing Corporation	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Mabuhay PS	55,000.00	55,000.00	Completed	
Supply and Delivery of Various Fittings and Materials for Change Meter	JB Sachi Marketing Corp.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	305,260.00	304,937.58	Completed	
Well Rehabilitation of Bancal Pumping Station 3 (Emergency Case)	Spandex Marketing Corporation	ENG. DIV.	Negotiated Procurement - Emergency Case(Sec. 53.2)	CWD Bancal PS3	120,000.00	87,495.00	Completed	
Supply and Delivery of Two (2) Unit Motorcycle and One (1) Unit of Motorcycle with Sidecar	Speedsonic Inc.	ENG. DIV./COM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering & Commercial Division	280,000.00	255,800.00	Completed	
Supply and Delivery of Submersible Pump and Motor for Bancal Pumping Station 3 (Emergency Case)	Armen Electro-Mech Sales & General Merchandise	ENG. DIV.	Negotiated Procurement - Emergency Case(Sec. 53.2)	CWD Bancal PS3	278,821.00	278,821.00	Completed	
Supply and Delivery of Three (3) Unit Submersible Jet Aerator Impeller	Chemical Research Products Industrial Sales, Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	51,000.00	48,000.00	Completed	
Supply and Delivery of Four (4) Set Submersible Pump and Motor	Armen Electro-Mech Sales & General Merchandise	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	798,000.00	696,810.00	Completed	
Supply and Delivery of Various Materials for Installation of Additional Flowmeters	Oro Water Hardware & Construction Supplies	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	184,770.00	119,629.00	Completed	
Supply and Delivery of Five (5) Unit Chlorinator Machine	Flow Harmonic Commercial, Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	100,000.00	87,495.00	Completed	
Supply and Delivery of Materials for Restoration of Re-Pipeline Along Corehouse Bancal	Filcav Construction Supply	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	168,975.00	165,000.00	Completed	
Supply and Delivery of Various Fittings and Materials for Warehouse Stock	Oro Water Hardware & Construction Supplies	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	158,575.00	139,375.00	Completed	
Well Rehabilitation and Recasing of Cityland Pumping Station 1 (Emergency Case)	Macrotrade Resources Inc.	ENG. DIV.	Negotiated Procurement - Emergency Case(Sec. 53.2)	CWD Cityland PS1	636,000.00	600,000.00	Completed	
Supply and Delivery of Labor and Materials for the Installation of Storage Rack for New Warehouse	Upright Storage Solutions Inc.	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Admin Division	500,000.00	400,000.00	Completed	
Supply and Delivery of Electrical Wire for Pumping Stations	Abeltrade Enterprises Corporation	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	201,000.00	163,725.00	Completed	
Supply and Delivery of Low-level Tritium and Isotope Analysis of Five (5) CWD Pumping Stations	Philippine Nuclear Research Institute (PNRI)	ENG. DIV.	Negotiated Procurement - Agency-to-Agency(Sec. 53.5)	CWD Engineering Division	120,750.00	120,750.00	Completed	
Supply and Delivery of Installation of Five (5) Airconditioning Unit for New CWD Office Building	Deus Diversified Products Co.	ENG. DIV./ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering & Admin Division	220,000.00	199,995.00	Completed	
Supply and Delivery of Labor, Tools and Materials for the Transfer of Two (2) Sliding Doors, Replacement of Frame of One (1) Sliding Door and Various Sliding Windows at CWD Office Building	Great Wall Aluminum and Glass Sales, Inc.	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Admin Division	100,000.00	100,000.00	Completed	
Supply and Delivery of Carbonless Continuous Form with Letterhead	Eastland Printink, Inc.	COM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Commercial Division	105,000.00	103,125.00	Completed	
Supply and Delivery of Two (2) Unit Turbidity Meter	XPRT Ventures, Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	75,000.00	72,800.00	Completed	
Supply and Delivery of Two (2) Unit Desktop Computer	Javirai Cyber Café	COM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Commercial Division	100,000.00	80,000.00	Completed	
Supply and Delivery of Office Supplies for FY 2023	Mostaco Marketing	ALL DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	179,935.03	165,300.00	Completed	
Supply, Delivery, Installation and Configuration of One (1) Unit Private Automatic Branch Exchange (PABX) / Voice Over Internet Protocol (VOIP) System	Wattsavers Energy Services Company	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	240,000.00	210,000.00	Completed	
Supply and Delivery of Brand New Service Truck with Installed Stainless Water Tank	NEWCMP Industrial Builders Inc.	ENG. DIV.	Public Bidding	Carmona Water District Concessionaires	3,200,000.00	3,098,000.00	Completed	
Supply and Delivery of Labor, Tools & Equipment for Well Rehabilitation of Cityland Pumping Station 3	Spandex Marketing Corporation	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Cityland PS3	55,000.00	50,000.00	Completed	
Supply and Delivery of Various Fittings and Materials	Rondex Enterprises Corp.	ENG. DIV.	Public Bidding	Carmona Water District	1,227,720.00	1,181,492.46	Completed	
Recertification Services for CWD ISO 9001:2015 Quality Management System (QMS) and ISO 14001:2015 Environmental Management System (EMS) (Integrated Management System)	URSP Certification Services	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	170,000.00	163,000.00	Completed	

ACCOMPLISHED PROGRAMS AND PROJECTS FY 2023

Supply, Delivery, Installation and Repair of Sliding Door with Partition Panel, Heavy Duty Swing Door and Fixed Steel Cabinet for Billing and Customer Service Office	Great Wall Aluminum and Glass Sales, Inc.	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	65,000.00	65,000.00	Completed	
Supply and Delivery of One (1) Unit Demolition Hammer	Aimtek Hardware Tools Trading	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	51,000.00	41,500.00	Completed	
Supply and Delivery of Volumetric Rotary Piston Type Water Meter	JB Janz Marketing	ENG. DIV.	Public Bidding	CWD Engineering Division	1,996,750.00	1,708,240.00	Completed	
Supply and Delivery of Five Hundred (500) Pieces Padlocks with Universal Key	Ampereman Trading	COM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Commercial Division	100,000.00	72,500.00	Completed	
Supply, Delivery and Installation of Three (3) Air Conditioning Unit for New CWD Office Building	Deus Diversified Products Co.	COM. DIV./BOD DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Office of the Board of Directors & Commercial Division	220,000.00	199,995.00	Completed	
Supply, Delivery, and Installation of Window Blinds for CWD Office	JCP15 Home and Office Decor Trading	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	175,000.00	150,000.00	Completed	
Supply and Delivery of Five (5) Unit Chlorinator Machine	Flow Harmonic Commercial, Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	100,000.00	87,495.00	Completed	
Supply and Delivery of Labor, Tools & Materials for the Installation and Repair of Closed Circuit Television (CCTV) System for CWD Extension Office Building	Uplink Integrated Solutions, Inc.	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	185,000.00	183,444.80	Completed	
Supply and Delivery of One (1) Unit Pocket Colorimeter	Interlab Analytics and Scientific Supplies, Inc.	ENG. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	CWD Engineering Division	60,000.00	59,400.00	Completed	
Supply and Delivery of Various Signage and Bulletin Board for CWD Office	Elemenopi Arts & Prints	ADM. DIV.	Negotiated Procurement - SVP(Sec. 53.9)	Carmona Water District	81,000.00	80,490.00	Completed	

THE FIVE-YEAR DEVELOPMENT PLAN

PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ENGINEERING DIVISION

THE FIVE-YEAR DEVELOPMENT PLAN PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ISSUE / GAPS	OBJECTIVES	PRIORITY, PROGRAMS, PROJECTS AND ACTIVITIES	EXPECTED OUTCOME	TIME FRAME / BUDGET ALLOCATION				
				2024	2025	2026	2027	2028
Meter Inaccuracies due to uncalibrated water meters	To ensure the use of calibrated water meters	Replacement of uncalibrated water meters	For effective and fair meter reading and avoid erroneous water meter consumption	5,850,000	6,000,000	6,250,000	6,500,000	6,750,000
Needs improvement on water supply due to increase in demand	To provide continuous water supply during increase in water demand	Construction of Additional Pumping Stations or re-drilling activity	For sufficient water supply demand even with continuous increase in demand		14,000,000		15,000,000	
		Procurement of lot			2,000,000			
Shut down of Pumping Station due to power interruption	To ensure continuous service during power interruption/outages	Periodic Preventive Maintenance of Generator Sets	Efficient and continuous water service even with power interruption	150,000		200,000		200,000
		Procurement of additional generator sets	Efficient and continuous water service even with power interruption	1,700,000		2,000,000		2,300,000
		Procurement of Solar Panel with complete accessories					5,000,000	5,000,000
A need for additional pressure on water system	To provide better water supply by increasing the water pressure	Construction of Elevated/Ground water Tank	Increase in water pressure in the system to provide water supply in high rise establishments	3,000,000				
Insufficient maintenance vehicle due to continuous increase in manpower	To ensure immediate response on maintenance activities by increasing the number of vehicles	Purchase of additional service vehicles	Immediate response maintenance activities such as repair of leakages, new meter installation and other related activities		300,000	1,500,000		
Insufficient equipment and tools due to increase in manpower	To ensure immediate response on activities by increasing the number of tools and equipment	Purchase of additional equipment and tools for maintenance and operators	Immediate response on maintenance and operations concerns	165,000	400,000		500,000	600,000
Lack of upgraded equipment and system for improvement of water services and leak detection	To provide better services by using upgraded/ highly technical equipment such as leak detection, underground borehole camera and other data logging equipment	Purchase of leak detection equipment, Automation of Pumping Stations' monitoring	Improve water services by lessening the leakages and provide increase of water pressure in the system.	3,000,000		3,500,000		4,000,000
		Procurement of underground borehole camera	Ensure correct maintenance on deep wells		500,000			
Lack of Filtration System	To provide potable water with lesser minerals that were pumped out in each well	Procurement of Filtration System in Pumping Station	Improve water quality		5,000,000			
Needs replacement of old pipelines and expansion of water connections	To provide additional water service connection and replacement of old pipeline	Interconnection of new pipelines	Cater additional concessionaires	1,000,000	1,000,000	1,500,000	1,500,000	1,500,000
Needs reduction of Non-Revenue Water (NRW)	To continually improved the water supply through programs and activities that will aim to reduce NRW	Creation of District Metered Areas (DMAs) and installation of flowmeters in existing fire hydrants	Thorough monitoring and lowering of NRW	350,000		350,000		350,000
Costly and deferred water laboratory tests (Bacteriological Test and Physical-Chemical Tests) results conducted by Third-Party Provider	To establish water testing facility / laboratory in Carmona Water District	Establishment of water testing facility/laboratory and operations	Lower operating expense in water laboratory tests, immediate results and additional income generating facility		3,000,000			

THE FIVE-YEAR DEVELOPMENT PLAN

PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

COMMERCIAL DIVISION

THE FIVE-YEAR DEVELOPMENT PLAN PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ISSUE / GAPS	OBJECTIVES	PRIORITY, PROGRAMS, PROJECTS	EXPECTED OUTCOME	TIME FRAME / BUDGET ALLOCATION				
				2024	2025	2026	2027	2028
Limited space for the Commercial Division's various documents	To provide spacious storage room for the Commercial Division	Convert the Training Room into storage room, install racks	More effective and efficient way of storing of documents		100,000.00			
Fully depreciated motor vehicle.	To provide a new motor vehicles for meter readers/ bill servers.	Purchase new motor vehicle	More effective and efficient way of meter reading, bill and letter serving.		80,000.00		80,000.00	
Trouble printing and fully depreciated printer.	To replace old and defective printer.	Purchase new printers.	Easy and efficient printing of official receipts and various documents.	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
Fully depreciated computers.	To replace outdated and defective computer.	Purchase new computers.	Fast and reliable use of computers. Boost efficiency and productivity among staffs.	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00
Outdated Billing and Collection System	To improve the Billing and collection system	Invest to a new and advanced Billing and Collection system	More accurate and efficient processing of Billing and collection		2,500,000.00			

THE FIVE-YEAR DEVELOPMENT PLAN

PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ADMIN & FINANCE DIVISION

THE FIVE-YEAR DEVELOPMENT PLAN PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ISSUE / GAPS	OBJECTIVES	PRIORITY, PROGRAMS,	EXPECTED OUTCOME	TIME FRAME / BUDGET ALLOCATION				
				2024	2025	2026	2027	2028
Computer units: Fully depreciated; System requirements do not meet the latest/newest version; Outdated operating system.	To increase productivity of Admin/Finance personnel	Procurement of two (2) units of computer including printers and other hardwares	Two (2) units of computer including other hardwares such as UPS, printers, etc.	P 210,000.00				
Unavailability and/or unserviceable of airconditioning unit	To create a comfortable working offices that promote employee well-being, satisfaction, and productivity.	Procurement of one (1) unit of 2 HP split-type airconditioning and one (1) unit of 1 HP split-type airconditioning	Admin/Finance Offices are equipped with airconditioning units	P 200,000.00				
Outdated Inventory System	To have a reliable system that will help improve the inventory management	Improvement of Inventory Management System such as daily inventory of materials issued, inventory stock card, materials inventory reconciliation, etc.	Inventory Management System	P 500,000.00				
Lacking of IT Personnel in Admin/Finance; Digitalization of HR/Admin processes	To have an IT Personnel responsible for the Digitalization of HR/Admin Processes and other management systems	Hiring of an IT Personnel	Hired an IT Personnel that is responsible for the digitalization and maintenance of HR/Admin processes and other management systems	P 1,000,000.00				
Lack of Accounting Management System	To have a reliable system that will help improve the accounting processes	Purchase of Accounting Management System	Accounting Management System		P 500,000.00			
Repair/reconstruct roofing of Old Office Building	To repair and/or reconstruct the roofing of the old CWD Office Building to ensure that the offices are protected against weather conditions	Repairing and/or reconstructing of roofing of Old Office Building	Repaired and/or newly constructed roofing of old office building	P 2,000,000.00				
Outdated/lack of Human Resource Information System	To have a reliable system that will help improve the human resources processes	Improvement of Human Resource Information System such as payroll system, database of employees, etc.	Human Resource Information System	P 500,000.00				

THE FIVE-YEAR DEVELOPMENT PLAN

PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

GENDER AND DEVELOPMENT

THE FIVE-YEAR DEVELOPMENT PLAN PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ISSUE / GAPS	OBJECTIVES	PRIORITY, PROGRAMS,	EXPECTED OUTCOME	TIME FRAME / BUDGET ALLOCATION				
				2024	2025	2026	2027	2028
Lack of opportunity to learn about GAD and core messages	To raise awareness and understanding of both all concessionaires (regardless of gender) on GAD concepts, issues, programs and legal mandates	Establishment and maintenance of GAD Corner in conspicuous area for concessionaires	GAD Corner is established and updates are posted every quarter	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
Lack/supply of equipment for Lactation Station/Facility	To be able to provide safe, secure, comfortable and convenient place to female concessionaires/employees in doing their motherly duties	Procurement of equipment such as not limited to lavatory, Refrigerator for milk storage, chair, table, wall-mounted foldable bed, etc.	Lactation Station/Facility is equipped with adequate apparatus to accommodate nursing mothers		200,000.00		200,000.00	
Insufficient/refresher training on GAD Plan and Budget (GPB) to integrate gender concerns in the design, management, implementation, monitoring and evaluation of the agency's programs and projects.	To increase the level of awareness and strengthen skills on government mandates about Gender and Development to process change towards good and gender-responsive governance.	Training on gender responsive GAD Planning and Budgeting for Water Utilities and Sanitation	The Board of Directors, General Manager and GFPS members attended the training within 2023		80,000.00		80,000.00	

THE FIVE-YEAR DEVELOPMENT PLAN

PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

OCCUPATIONAL SAFETY AND HEALTH

THE FIVE-YEAR DEVELOPMENT PLAN PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ISSUE / GAPS	OBJECTIVES	PRIORITY, PROGRAMS,	EXPECTED OUTCOME	TIME FRAME / BUDGET ALLOCATION				
				2024	2025	2026	2027	2028
Lack of laboratory equipment	To have appropriate equipment to measure the water quality	Procurement of Laboratory equipment	CWD have its own laboratory equipment to ensure that the water supplied to the concessionaires are safe, adequate and potable	2,500,000.00				
Lack of program for health and wellness for employees	To be able to monitor employees health status and to address any health concern	Conduct of annual medical check-up for all CWD employees	Ensure overall wellness of CWD employees	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00
Lack of onsite clinic, equipment and personnel	To be able to bring and accessible health care to employees	Procurement of necessary medical equipment for an onsite clinic and hiring of medical personnel to attend to the health care needs of the employees	CWD employees enjoyed the convenience of clinics, routine checkups, early detection of illnesses, avoid hospitalization and save money	1,000,000.00				

THE FIVE-YEAR DEVELOPMENT PLAN

PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

DISASTER RISK REDUCTION MANAGEMENT

THE FIVE-YEAR DEVELOPMENT PLAN PRIORITY ISSUE TO BE ADDRESSED BY THE CONCERNED DIVISION

ISSUE / GAPS	OBJECTIVES	PRIORITY, PROGRAMS, PROJECTS AND	EXPECTED OUTCOME	TIME FRAME / BUDGET ALLOCATION				
				2024	2025	2026	2027	2028
No available data for possible hazard and risk of the installed pipelines and water systems	To identify possible risk and recommended solutions based on the hazard mapping of water systems and pipelines	Conduct of hazard and risk mapping for water systems and pipelines	Elimination of damages in water system and pipelines	10,000.00				
Monitoring of water storage structural stability	To ensure structural integrity and stability of existing water tanks	Checking of structural integrity of water tanks and appropriate rectification measures, if needed	Safety of structures, nearby properties, concessionaires and other stakeholders	350,000.00				
Lack of monitoring in pumping stations and Septage Treatment plant (SpTP)	To provide 24/7 monitoring of site in pumping stations and in SpTP	Installation of CCTVs in pumping stations and in SpTP	Ensure timely and recorded monitoring in pumping stations and SpTP	115,000.00				
Lack of training and/or awareness to respond to emergency situations	To increase the level of awareness and knowledge of CWD employees to effectively respond to emergency situations	Training and posting of information, education and communication (IEC) campaign within the working area	CWD Employees are equipped with knowledge on how to calmly respond and reduce the hazard during emergency situations	100,000.00	100,000.00		100,000.00	100,000.00
Lack of PPEs, gears and attires for employees	To have appropriate of gears, attires and PPEs during operations and response in emergency situations	Procurement of PPEs, gears and attires	CWD DRRM personnel are prepared and ready to respond to emergency situations	435,000.00	450,000.00	475,000.00	500,000.00	525,000.00
Lack/stock of emergency supplies	To have appropriate of stocks of supplies to be used in emergency situations such as but not limited to: flashlight, emergency whistle, first aid kit, can food, go bag, etc.	Procurement of emergency supplies	CWD DRRM personnel are prepared and ready to respond to emergency situations	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
Lack of equipment for response and rescue activities	To have appropriate equipment for any emergency situations	Procurement of emergency equipment and tools	CWD DRRM personnel are equipped with appropriate tools and machineries to respond to emergency situations	1,000,000.00				



REPUBLIC OF THE PHILIPPINES
CARMONA WATER DISTRICT

(LWUA CC No. 561)

ISO Certificate No. 80132/A/0001/UK/En

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*Ang Tubig ay Buhay,
Gamitin nang Buong
Husay!*



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