

# **Annex B**

## **List of Regional Programs and Projects**

# Regional Summary

Regions	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
CAR	2,513,071,640	5,407,964,100	2,000,000	7,923,035,740	448,430
Region I	8,332,140,702	9,050,884,501	3,000,000	17,386,025,203	1,241,079
Region II	22,192,059,560	55,237,741,082	100,000	77,429,900,642	879,834
Region III	15,267,893,000	57,903,316,000	72,502,000	73,243,711,000	2,849,484
Region IV-A	46,456,936,375	2,537,750,000	5,000,000	48,999,686,375	4,004,500
MIMAROPA	5,994,402,000	6,661,085,824	800,000	12,656,287,824	765,497
Region V	10,722,259,050	7,262,142,000	80,250,000	18,064,651,050	1,341,295
Region VI	10,000,000	80,000,000	-	90,000,000	1,386,600
Region VII	14,487,010,428.90	866,330,000	35,000,000.00	15,388,340,428.90	1,907,957
Region VIII	2,132,177,420.45	338,000,000	1,000,000.00	2,471,177,420.45	1,100,913
Region IX	22,247,671,600.00	907,971,520	155,835,000.00	23,311,478,120.00	726,345
Region X	75,508,229,500.00	12,610,998,910	731,077,000.00	88,850,305,410.00	1,173,651
Region XI	6,973,800,584.00	6,197,414,000	20,789,230.00	13,192,003,814.00	1,335,656
Region XII	1,481,446,000.00	299,421,000	854,280,000.00	2,635,147,000.00	1,217,074
Region XIII	7,597,511,000.00	4,763,120,000	41,500,000.00	12,402,131,000.00	633,910
ARMM	16,326,957,136.67	16,200,415,614	62,400,000.00	36,184,632,750	725,449
<b>Total</b>	<b>258,243,565,997.02</b>	<b>186,324,554,550.61</b>	<b>2,065,533,230.00</b>	<b>450,138,513,777.63</b>	<b>21,737,674</b>

# Cordillera Administrative Region

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Abra	169,800,000	2,219,130,500	1,000,000	2,389,930,500	55,303
Apayao	1,111,776,640	151,000,000	-	1,262,776,640	29,316
Benguet	276,000,000	747,301,600	-	1,023,301,600	120,760
Baguio City (HUC)	-	45,700,000	-	45,700,000	105,083
Ifugao	488,195,000	1,131,362,000	-	1,619,557,000	49,765
Kalinga	266,300,000	779,050,000	1,000,000	1,046,350,000	48,097
Mt. Province	201,000,000	334,420,000	-	535,420,000	40,108
<b>Total</b>	<b>2,513,071,640.00</b>	<b>5,407,964,100.00</b>	<b>2,000,000.00</b>	<b>7,923,035,740.00</b>	<b>448,430</b>

## Abra

Water	Timeline	Budget Requirement (PHP)
1 Provision of Testing Kits in community managed water systems	Short Term	27,000,000
2 Construction of Water Reservoir	Short Term	3,000,000
3 IEC during Barangay Assemblies/meetings, Radio Program, Production of IEC materials	Short Term	1,000,000
4 Micro-Hydro Projects	Short Term	3,000,000
5 Reforestation projects in water shed areas	Short Term	15,000,000
6 Trainings on data-based software	Short Term	15,000,000
7 Water Source Development (Spring and Deep Well Development)	Short Term	15,000,000
8 Water Treatment laboratory	Short Term	15,000,000
9 Source of Development	Short Term	4,500,000
10 Transmission Line Replacement / Installation	Short Term	8,250,000
11 Pressure Management / DMA	Short Term	5,000,000
12 128 cu.m. - Reservoir @ Pidigan	Short Term	7,500,000
13 Distribution Line Replacement / Installation	Short Term	4,500,000
14 Construction of MBWD Office Building	Short Term	45,000,000
15 MBWD CSR	Short Term	1,050,000
<b>Total</b>		<b>169,800,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Training for Municipal and Barangay Personnel in charge of health and sanitation	Short Term	10,800,000
2 Acquisition of Land for Construction and Establishment of Sanitary Treatment Plants/ Facilities	Short Term	80,000,000
3 Feasibility Studies on Sanitation	Short Term	8,000,000
4 Healthiest Barangay & Municipality Awards		-
5 Information-Education Campaign during Barangay Assemblies/meetings, Radio Program, Production of IEC materials	Short Term	1,000,000
6 Improvement/ Expansion of Sanitary Permit Collections	Medium Term	-
7 Provision of Plastic and Ceramics Toilet bowl	Short Term	1,930,500
8 Purchase of sludging equipment	Short Term	20,000,000
9 Seal of Good Housekeeping		-
10 Septage Management Project	Short Term	52,400,000
11 Purchase of Lot and Trucks for Septage Management	Medium Term	45,000,000
12 Septage Management Facility	Long Term	2,000,000,000
<b>Total</b>		<b>2,219,130,500.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Capacity Building on Water & Sanitation	Short Term	1,000,000
<b>Total</b>		<b>1,000,000</b>

## Apayao

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water Supply (Well, Spring) 7,250 HH's	Short Term	313,690,000
2 Provision of Plastic Bowl (5,716 HH's)	Short Term	3,086,640
3 Quarterly Monitoring	Short Term	40,000,000
4 Rehabilitation and Repair Sanitary facilities	Short Term	750,000,000
5 Training of BWSA Management	Short Term	5,000,000
6 Updating of PDPFP	Short Term	-
<b>Total</b>		<b>1,111,776,640.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Sanitary Facilities and STP	Short Term	107,000,000
2 FS for the STP	Short Term	10,000,000
3 Reforestation Projects	Short Term	7,000,000
4 Rehabilitation and Repair of water supply Facilities	Medium Term	10,000,000
5 Water Quality Monitoring	Short Term	17,000,000
<b>Total</b>		<b>151,000,000.00</b>

## Benguet

Water	Timeline	Budget Requirement (PHP)
1 Amendment of SGLG criteria to include water and sanitation indicators	Short Term	-
2 Construction and rehabilitation of waterworks and systems	Short Term	276,000,000
3 Promotion and provision of incentives to Organic Farming	Short Term	-
4 Reforestation/ Adoption/delineation/ protection of watersheds	Short Term	-
5 Strict enforcement of policies on pesticides/ chemical use	Long Term	-
<b>Total</b>		<b>276,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Communal septic tanks	Short Term	-
2 Construction of STP	Short Term	200,000,000
3 Provision of tax incentives and business permit streamlining	Short Term	-
4 Provision of toilet bowls	Short Term	401,601,600
5 Sanitary landfill	Short Term	100,000,000
6 Search for best sanitation practices of LGUs	Long Term	-
7 Construction and rehabilitation of sewerlines	Short Term	45,700,000
<b>Total</b>		<b>747,301,600.00</b>

## Baguio City (HUC)

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction and rehabilitation of sewerlines	Short Term	45,700,000
<b>Total</b>		<b>45,700,000.00</b>

## Ifugao

Water	Timeline	Budget Requirement (PHP)
1 Construction and rehabilitation of LGU-owned Potable Water Supply System	Long Term	26,795,000
2 Family forest maintenance (MUYONG PROJECT)	Short Term	50,000,000
3 Lamut Water System	Short Term	40,000,000
4 Medical Technologist, Sanitary Engineer	Short Term	10,000,000
5 Radio Programs, Reproduction of printed materials, conduct CLTS	Short Term	2,500,000
6 Refer to submitted Mega project & list	Short Term	250,000,000
7 Reforestation	Short Term	100,000,000
8 Training on WASH, Water Analysis (Chemical/ Bacterial analysis)	Short Term	500,000
9 Water testing facilities, reagents	Short Term	8,400,000
<b>Total</b>		<b>488,195,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Annual Search/ awarding for the Cleanest and Greenest Barangays	Short Term	2,500,000
2 Assessment	Medium Term	2,000,000
3 Construction of Anaerobic Baffled Reactor, Drainage and Sewerage Systems, STPs and Toilet	Medium Term	1,123,112,000
4 Sanitation projects	Short Term	2,500,000
5 Strict implementation of policies	Short Term	-
6 Training on WASH and CLTS for 11 municipalities	Short Term	1,250,000
<b>Total</b>		<b>1,131,362,000</b>

## Kalinga

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water Treatment Plant	Short Term	200,000,000
2 Construction/Improvement of Water Works System and Facilities, Various Barangays, Kalinga	Short Term	61,000,000
3 Procurement of Water testing equipment/facilities, Water reagents and Disinfectant	Short Term	5,000,000
4 Trainings of HRD (BAWASA's and Water District)	Short Term	300,000
<b>Total</b>		<b>266,300,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Advocacy Campaign/IEC on Zero Open Defecation	Short Term	3,000,000
2 Capacity Development (Training/Benchmarking) for the technical personnel including Sanitary Inspectors)	Short Term	3,000,000
3 Conduct a Feasibility Study on Septage/sewerage Treatment Facility and Water Treatment Plant	Short Term	6,000,000
4 Construction of sewerage/septage treatment plant and system	Medium Term	500,000,000
5 Creation of additional positions (Sanitary Inspectors)	Short Term	-
6 Enforcement of Sanitation Laws and Regulations	Short Term	-
7 Formulation of Contingency Plans (Sanitation)	Short Term	-
8 Preparation of 10-Year Ecological Solid Waste Management Plan	Medium Term	50,000
9 Provision of Portalets during disaster (Province wide) city - 10 units	Short Term	250,000,000
10 Provision of Sanitary toilets bowls for 14,747 HHs	Short Term	6,000,000
11 Site Development & Establishment/Construction of Septage/sewerage Treatment Facilities	Medium Term	11,000,000
<b>Total</b>		<b>779,050,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Conduct Feasibility Study	Short Term	1,000,000
<b>Total</b>		<b>1,000,000.00</b>

## Mt. Province

Water		Timeline	Budget Requirement (PHP)
1	Preparation of proposed standards for CAR	Short Term	-
2	Fencing of water sources; Reforestation; Adoption/delineation/ protection of watersheds; Spring development	Short Term	190,000,000
3	Accreditation of PWAL	Short Term	-
4	Amendment of SGLG criteria to include water and sanitation indicators	Short Term	-
5	Hiring of Chemist and staff for PWAL	Short Term	8,000,000
6	Training of BWSA members on O&M	Short Term	3,000,000
		<b>Total</b>	<b>201,000,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Construction of Communal septic tanks	Short Term	94,501,200
2	Construction of STPs for Municipalities and other hospitals	Short Term	102,700,000
3	Provision of tax incentives and business permit streamlining	Short Term	300,000
4	Provision of toilet bowls	Short Term	136,618,800
5	Search for best sanitation practices of LGUs	Long Term	300,000
		<b>Total</b>	<b>334,420,000.00</b>

## Ilocos Region

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Ilocos Norte	3,073,000,000	1,238,825,000	-	4,311,825,000	149,600
Ilocos Sur	1,525,000,000	5,100,000,000	-	6,625,000,000	171,989
La Union	2,144,720,000	1,500,000,000	-	3,644,720,000	193,795
Pangasinan	1,589,420,702	1,212,059,501	3,000,000	2,804,480,203	725,695
<b>Total</b>	<b>8,332,140,702.15</b>	<b>9,050,884,500.50</b>	<b>3,000,000.00</b>	<b>17,386,025,202.65</b>	<b>1,241,079</b>

### Ilocos Norte

Water	Timeline	Budget Requirement (PHP)
1 Development of 1 Spring Source	Short Term	500,000,000
2 Gray Waste Water Treatment in the Provincewide (Capitol)	Long Term	250,000,000
3 Watershed and Woodlot Development	Short Term	62,500,000
4 Establishment of Ilocos Norte PHO's Water Quality Analysis Laboratory	Medium Term	4,000,000
5 Water Harvesting Facility in the Provincewide (Capitol)	Short Term	250,000,000
6 Water Quality Surveillance and Treatment: Purchase of Chromogenic Substrate Machine	Short Term	5,750,000
7 Improvement of Water Supply Access - Water Source Development and Pipe Replacement	Short Term	2,000,000,000
8 Purchase of Chlorine and Chlorinator Facilities for Level II Water Systems	Short Term	750,000
<b>Total</b>		<b>3,073,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Basic Sanitation Facilities	Medium Term	48,015,000
2 Improvement of Sanitation Accesss and Construction of Septage Management Facilities	Medium Term	1,190,810,000
<b>Total</b>		<b>1,238,825,000.00</b>

### Ilocos Sur

Water	Timeline	Budget Requirement (PHP)
1 DROPS Project (Develop, Restore and Operate Our Potable Water System)	Medium Term	500,000,000
2 Establishment of Microbiology and Water Quality Analysis Laboratory	Short Term	12,500,000
3 Installation of Additional Water Pumps and Overhead Tanks	Short Term	12,500,000
4 Water Source Development and Expansion	Short Term	1,000,000,000
<b>Total</b>		<b>1,525,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 STOOL Project (Sanitary Toilet Toward Zero Open Defecation at Local Level Project)	Long Term	5,000,000,000
2 Improvement of Sanitation Accesss - Construction of Proposed Septage Management Facilities	Short Term	100,000,000
<b>Total</b>		<b>5,100,000,000.00</b>

### La Union

Water	Timeline	Budget Requirement (PHP)
1 Construction of a Desalination Plant	Medium Term	120,000,000
2 Feasibility Study for a Watershed Management Plan	Short Term	720,000
3 Rain Water Harvesting Facilities	Short Term	24,000,000
4 Rehabilitation of Existing Pipelines	Short Term	2,000,000,000
<b>Total</b>		<b>2,144,720,000.00</b>

## La Union (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 STOOL Project (Sanitary Toilet Toward Zero Open Defecation at Local Level Project)	Long Term	5,000,000,000
2 Improvement of Sanitation Accesss - Construction of Proposed Septage Management Facilities	Short Term	100,000,000
	<b>Total</b>	<b>5,100,000,000.00</b>

## Pangasinan

Water	Timeline	Budget Requirement (PHP)
1 Alaminos Water District Porjects		32,034,202
Water Storage Facilities with a total of 5000 CM	Short Term	9,017,400
Construction of Additional Water Sources and	Short Term	3,390,401
NRW Reduction Program	Short Term	1,021,501
Pipeline Rehabilitation, Upgrade, and Expansion	Medium Term	13,604,901
Purchase and modernization of pumping equipment, generator sets, plumbing tools and computer equipment and software	Medium Term	5,000,000
3 Expansion and Increase of Water Supply Coverage and Access	Short Term	1,375,285,500
4 Upgrading/Rehabilitation/Repair/Improvement of water systems	Medium Term	20,000,000
5 Water Quality Surveillance	Short Term	1,175,000
6 Watershed rehabilitation and conservation	Medium Term	5,000,000
7 Expansion of Water Supply Coverage and Service	Medium Term	86,241,000
	<b>Total</b>	<b>1,589,420,702.15</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Alaminos WD Construction and Operation of Septage Management Facility	Long Term	6,198,500
2 Construction of a Septage Management and Treatment System	Long Term	100,969,000
3 Construction of a Sewerage System	Long Term	818,162,000
4 Septage Management and Treatment Facilities	Long Term	86,730,000
5 Wastewater Treatment Facility	Long Term	200,000,000
	<b>Total</b>	<b>1,212,059,500.50</b>

Both	Timeline	Budget Requirement (PHP)
1 Capacity Development of Stakeholders for Water and Sanitation	Short Term	3,000,000
	<b>Total</b>	<b>3,000,000</b>



# Cagayan Valley

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Batanes	120,000,000	198,400,000	-	318,400,000	5,390
Cagayan	5,924,110,000	1,384,120,082	-	7,308,230,082	295,834
Isabela	14,140,300,000	53,308,000,000	-	67,448,300,000	406,320
Nueva Vizcaya	432,852,820	300,444,000	100,000	733,396,820	122,593
Quirino	1,574,796,740	46,777,000	-	1,621,573,740	49,697
<b>Total</b>	<b>22,192,059,560.00</b>	<b>55,237,741,082.11</b>	<b>100,000.00</b>	<b>77,429,900,642.11</b>	<b>879,834</b>

## Batanes

Water	Timeline	Budget Requirement (PHP)
1 Installation and maintenance of water testing facilities	Short Term	1,500,000
2 Operation and maintenance expenses of water testing facilities	Short Term	3,000,000
3 Installation of rainwater harvesting facilities in HHs (PH 1)	Short Term	35,000,000
4 Installation of rainwater harvesting facilities in HHs (PH 2)	Medium Term	60,000,000
5 Drilling of deep wells (PH 1)	Short Term	2,000,000
6 Drilling of deep wells (PH 2)	Medium Term	6,000,000
7 Tree planting on watershed areas (PH 1)	Short Term	2,000,000
8 Tree planting on watershed areas (PH 2)	Medium Term	3,000,000
9 Fencing of existing water sources	Short Term	5,000,000
10 Training of specialists and personnel (PH 1)	Short Term	1,000,000
11 Training of specialists and personnel (PH 1)	Medium Term	1,500,000
<b>Total</b>		<b>120,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of domestic wastewater and septage treatment plant (PH 1)	Short Term	50,000,000
2 Construction of domestic wastewater and septage treatment plant (PH 2)	Medium Term	100,000,000
3 Operation and Maintenance of the septage treatment plant (PH 1)	Short Term	4,000,000
4 Operation and Maintenance of the septage treatment plant (PH 2)	Medium Term	4,000,000
5 Regular dislodging of septic tanks (PH 1)	Short Term	20,000,000
6 Regular dislodging of septic tanks (PH 2)	Medium Term	20,000,000
7 Training of technical manpower and other personnel	Short Term	400,000
<b>Total</b>		<b>198,400,000.00</b>

## Cagayan

Water	Timeline	Budget Requirement (PHP)
1 Feasibility study and bulk water treatment plant (PH 1)	Short Term	1,340,480,000
2 Feasibility study and bulk water treatment plant (PH 2)	Medium Term	2,178,630,000
3 Dam Project in Penablanca	Medium Term	2,000,000,000
4 IEC with regards to Tariff Formulation and Operations (PH 1)	Short Term	3,000,000
5 IEC with regards to Tariff Formulation and Operations (PH 2)	Medium Term	5,000,000
6 Conduct Source Disinfection (PH 1)	Short Term	13,000,000
7 Conduct Source Disinfection (PH 2)	Medium Term	10,000,000
8 Centralized water laboratory (DOH accredited) within the province, formulation of KPI and strict submissions of reports (PH 1)	Short Term	179,000,000
9 Centralized water laboratory (DOH accredited) within the province, formulation of KPI and strict submissions of reports (PH 2)	Medium Term	125,000,000
10 Establishment of watersheds, Watershed Management plan, Reforestation (PH 1)	Short Term	20,000,000
11 Establishment of watersheds, Watershed Management plan, Reforestation (PH 2)	Medium Term	50,000,000
<b>Total</b>		<b>5,924,110,000.00</b>

## Cagayan (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Septage Treatment Plant, IEC on water tight septic tank, Fund Scholarly Researches	Short Term	216,827,727
2 Septage Treatment Plant, IEC on water tight septic tank, Fund Scholarly Researches	Medium Term	201,292,355
3 IEC (PH 1)	Short Term	3,000,000
4 IEC (PH 2)	Medium Term	5,000,000
7 Metro Tuguegarao WD Cluster Septage Mgmt. Project (covering Tuguegarao City, Penablanca, Piat and Solana)	Long Term	950,000,000
<b>Total</b>		<b>1,384,120,082.11</b>

## Isabela

Water	Timeline	Budget Requirement (PHP)
1 Reforestation/reforestation thru Isabela Greening Project (PH 1)	Short Term	5,000,000
2 Reforestation/reforestation thru Isabela Greening Project (PH 2)	Medium Term	25,000,000
3 Forest Protection Law Enforcement thru the Isabela Environment Protection Task Force (PH 1)	Short Term	2,000,000
4 Forest Protection Law Enforcement thru the Isabela Environment Protection Task Force (PH 2)	Medium Term	5,000,000
5 Aral Kalikasan sa Iskwela at Barangay (PH 1)	Short Term	1,000,000
6 Aral Kalikasan sa Iskwela at Barangay (PH 2)	Medium Term	3,000,000
7 Water sampling and treatment; Formulation of Water Safety Plan (PH 1)	Short Term	20,000,000
8 Water sampling and treatment; Formulation of Water Safety Plan (PH 2)	Medium Term	40,000,000
9 Construction of Distribution and Lateral Lines (PH 1)	Short Term	2,000,000,000
10 Construction of Distribution and Lateral Lines (PH 2)	Medium Term	2,000,000,000
11 Implementation of Socialized Billing on water use (PH 1)	Short Term	2,000,000
12 Implementation of Socialized Billing on water use (PH 2)	Medium Term	5,000,000
13 Certification to ISO on operations, management and technology (PH 1)	Short Term	10,000,000
14 Certification to ISO on operations, management and technology (PH 2)	Medium Term	20,000,000
15 Construction of Separate Water Systems to cover all areas in the province (PH 1)	Short Term	3,500,000,000
16 Construction of Separate Water Systems to cover all areas in the province (PH 2)	Medium Term	1,000,000,000
17 Construction of Transmission and Distribution Lines (PH 1)	Short Term	1,000,000,000
18 Construction of Transmission and Distribution Lines (PH 2)	Medium Term	1,000,000,000
19 Climate Change Adaptation Activities (PH 1)	Short Term	500,000,000
20 Climate Change Adaptation Activities (PH 2)	Medium Term	500,000,000
21 Design and construct multipurpose storm water detention facilities (PH 1)	Short Term	500,000,000
22 Design and construct multipurpose storm water detention facilities (PH 2)	Medium Term	500,000,000
23 Design and construction of new facilities (PH 1)	Short Term	500,000,000
24 Design and construction of new facilities (PH 2)	Medium Term	1,000,000,000
25 Upgrading of Levels 1 and 2 to Level 3: Construction of Distribution and Lateral Lines	Long Term	2,000,000
26 Water Resources Protection and Management Program	Long Term	300,000
<b>Total</b>		<b>14,140,300,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction and installation of sanitary toilets (PH 1)	Short Term	50,000,000,000
2 Construction and installation of sanitary toilets (PH 2)	Medium Term	100,000,000
3 Training on Proper Utilization of Sanitary Toilet (PH 1)	Short Term	20,000,000
4 Training on Proper Utilization of Sanitary Toilet (PH 2)	Medium Term	40,000,000
5 Construction of Sanitary Landfill per district (PH 1)	Short Term	500,000,000
6 Construction of Sanitary Landfill per district (PH 2)	Medium Term	500,000,000
7 Operation of Vermi Composting Facility and Material Recovery Facility (PH 1)	Short Term	20,000,000
8 Operation of Vermi Composting Facility and Material Recovery Facility (PH 2)	Medium Term	20,000,000
9 Construction of 5 Clustered STP; Dist. 1, 2, 3, 4, coastal towns (PH 1)	Short Term	300,000,000
10 Construction of 5 Clustered STP; Dist. 1, 2, 3, 4, coastal towns (PH 2)	Medium Term	300,000,000
11 Construction of sewerage systems (PH 1)	Short Term	300,000,000
12 Construction of sewerage systems (PH 2)	Medium Term	900,000,000
13 Construction of Wastewater and Septage Treatment Plant	Long Term	288,000,000
14 Construction of Septage Treatment Plant Facility -2 clusters	Long Term	20,000,000
<b>Total</b>		<b>53,308,000,000.00</b>

## Nueva Vizcaya

Water	Timeline	Budget Requirement (PHP)
1 Policy development and formulation among stakeholders (LGUs, WSP, NGAs, WD) (PH 1) (P36,000/year - to cover monthly/ quarterly meetings)	Short Term	216,000
2 Policy development and formulation among stakeholders (LGUs, WSP, NGAs, WD) (PH 2) (P36,000/year - to cover monthly/ quarterly meetings)	Medium Term	288,000
4 Conduct of training on Regular maintenance and operation /	Short Term	200,000
5 Establishing linkage with all National / International agencies for possible assistance (Technical / Funding)	Short Term	100,000
6 Preparation and Conduct regular IEC activities among existing users	Short Term	50,000
7 Preparation and Conduct of IEC for New service connections , expansion areas (PH 1) (10,492 / 13,490 new HH X P10.00)	Short Term	104,920
8 Preparation and Conduct of IEC for New service connections , expansion areas (PH 2) (10,492 / 13,490 new HH X P10.00)	Medium Term	134,900
9 NV Greening Program: Reforestation of watershed areas (PH 1) (NV Program Budget/ Year = P11M) province-wide implementation	Short Term	66,000,000
10 NV Greening Program: Reforestation of watershed areas (PH 2) (NV Program Budget/ Year = P11M) province-wide implementation	Medium Term	88,000,000
11 Water Treatment (PH 1) (Provision of Chlorine granules to households with unsafe water sources; P15,000.00/Year)	Short Term	90,000
12 Water Treatment (PH 2) (Provision of Chlorine granules to households with unsafe water sources; P15,000.00/Year)	Medium Term	120,000
13 Regular water testing (PH 1) (Regular Fund of PHO - purchase of chemicals / Repair of Equipment; P200,000.00/Year)	Short Term	1,200,000
14 Regular water testing (PH 2) (Regular Fund of PHO - purchase of chemicals / Repair of Equipment; P200,000.00/Year)	Medium Term	1,600,000
15 Construction of Level II (10units) (P450,000.00 / Unit)	Short Term	4,500,000
16 Construction of Level III (1 Municipality - Villaverde) (Population - 18,607 individuals / 3,721.4 HH) x P35000 / HH	Short Term	130,249,000
17 Expansion of Level III water system - (15 Municipalities) (Assumption: 10M / LGU WS expansion)	Medium Term	140,000,000
<b>Total</b>		<b>432,852,820.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Policy development and formulation for SANITATION PROGRAM among stakeholders	Short Term	-
2 Development of Manual of Operations for and Sanitation facilities (for effective management) (Water services, Planning, Monitoring and Evaluation)	Short Term	100,000.00
3 Conduct of training on Regular maintenance and operation of Sanitation Facilities	Short Term	-
4 Establishing linkage with all National / International agencies for possible assistance (Technical / Funding)	Short Term	100,000.00
5 Conduct of regular IEC activities among existing users	Short Term	100,000.00
6 Conduct of IEC for New Housing facilities, new households.	Short Term	-
7 Sanitary toilet construction / provision of PTBs / Porcelain bowls to HHs	Short Term	12,144,000.00
8 Construction of Wastewater and Septage Treatment Plant		
Phase 1: Urban:		162,000,000.00
1. Bambang (4 x 6 Meters)	Short Term	24,000,000.00
2. Bayombong and Solano - (4 x 8 Meters)	Short Term	32,000,000.00
3. Dupax Del Sur and Dupax Del Norte (4 x 8 Meters)	Short Term	32,000,000.00
4. Bagabag and Villaverde (4 x 8 Meters)	Short Term	32,000,000.00
5. Quezon (3 x 7 Meters)	Short Term	21,000,000.00
6. Aritao (3 x 7 Meters)	Short Term	21,000,000.00

## Nueva Vizcaya (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
Phase 2:		126,000,000.00
1. Santa Fe (3 x 7 Meters)	Medium Term	21,000,000.00
2. Alfonso Castaneda (3 x 7 Meters)	Medium Term	21,000,000.00
3. Diadi (3 x 7 Meters)	Medium Term	21,000,000.00
4. Kasibu (3 x 7 Meters)	Medium Term	21,000,000.00
5. Kayapa (3 x 7 Meters)	Medium Term	21,000,000.00
6. Ambaguio (3 x 7 Meters)	Medium Term	21,000,000.00
<b>Total</b>		<b>300,444,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Development of Manual of Operations for Water Supply facilities and Sanitation (for effective management) (Water services, Planning, Monitoring and Evaluation)	Short Term	100,000
<b>Total</b>		<b>100,000.00</b>

## Quirino

Water	Timeline	Budget Requirement (PHP)
1 Construction of Community Manage Water source to urban barangays (132 barangays)	Short Term	264,000,000
2 Construction of Municipal managed safe water wource with filtration process utilizing DBB river in the Municipality of Cabarroguis	Short Term	150,000,000
3 Expansion of Water Districts		205,000,000
-Diffun Water District (PH 1)	Short Term	20,000,000
-Diffun Water District (PH 2)	Medium Term	30,000,000
-Aglipay Water District (PH 1)	Short Term	20,000,000
-Aglipay Water District (PH 2)	Medium Term	30,000,000
-Cabarroguis Water District (PH 1)	Short Term	25,000,000
-Cabarroguis Water District (PH 2)	Medium Term	30,000,000
-Maddela Water District (PH 1)	Short Term	20,000,000
-Maddela Water District (PH 2)	Medium Term	30,000,000
4 Provision of an operational bacterial, chemical and physical water analysis laboratory	Short Term	10,000,000
5 Laboratory Maintenance of water analysis yearly	Short Term	5,000,000
6 Hiring of Manpower (1 Med Tech and 1 Lab. Aide)	Short Term	2,501,040
7 Provision of water disinfectants to water sources (PH 1)	Short Term	100,000
8 Provision of water disinfectants to water sources (PH 2)	Medium Term	100,000
9 To implement strict compliance of WRS and WD on bacti-analysis (monthly and physical and chemical analysis twice a year		-
10 Issuance of health certificates to employees of WRS and WD (Hepa B kit, deworming tablit, sputum bottle)	Short Term	160,000
11 Training of HW on iWASH, Training of HW on water demand management, IEC to household on water demand management (PH 1)	Short Term	540,000
12 Training of HW on iWASH, Training of HW on water demand management, IEC to household on water demand management (PH 2)	Medium Term	540,000
13 QPOWERS (Quirino protection of Watershed Ecosystem and Rivers) (PH 1)	Short Term	158,735,000
14 QPOWERS (Quirino protection of Watershed Ecosystem and Rivers) (PH 2)	Medium Term	15,873,500
15 Quirino Watershed Rehabilitation Project (PH 1)	Short Term	72,900,000
16 Quirino Watershed Rehabilitation Project (PH 2)	Medium Term	7,290,000
17 Quirino Rivers Rehabilitation and Protection (PH 1)	Medium Term	
18 Quirino Rivers Rehabilitation and Protection (PH 2)	Medium Term	6,000,000

## Quirino (Continuation)

Water		Timeline	Budget Requirement (PHP)
19	Biodiversity Partnership Project (PH 1)	Short Term	558,000,000
20	Biodiversity Partnership Project (PH 2)	Medium Term	55,800,000
21	Integrated Watershed Enhancement Project within Critical Slopes of Cagayan river basin in Quirino Province (PH 1)	Short Term	434,000
22	Integrated Watershed Enhancement Project within Critical Slopes of Cagayan river basin in Quirino Province (PH 2)	Medium Term	434,000
23	Conduct of regular meeting of EMB Task Force (PH 1)	Short Term	250,000
24	Conduct of regular meeting of EMB Task Force (PH 2)	Medium Term	400,000
25	IEC on water demand management for EMB taskforce municipal and barangays (PH 1)	Short Term	369,600
26	IEC on water demand management for EMB taskforce municipal and barangays (PH 2)	Medium Term	369,600
		<b>Total</b>	<b>1,574,796,740.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Provision of toilet bowls to household with open defecation	Short Term	5,577,000
2	Provision of toilet bowl to household with shared or communal toilet	Short Term	20,000,000
3	Construction of Septage Treatment Plant Facility (2 Clusters)	Short Term	20,000,000
4	Barangay general assemblies for info dissemination on proper human waste disposal (PH 1)	Short Term	200,000
5	Barangay general assemblies for info dissemination on proper human waste disposal (PH 2)	Medium Term	200,000
6	Conduct of program implementation review on health and sanitation quarterly (PH 1)	Short Term	200,000
7	Conduct of program implementation review on health and sanitation quarterly (PH 2)	Medium Term	200,000
8	Training of RSIs on sustainable sanitation (PH 1)	Short Term	100,000
9	Training of RSIs on sustainable sanitation (PH 2)	Medium Term	100,000
10	Consultative Meeting with RSI (PH 1)	Short Term	100,000
11	Consultative Meeting with RSI (PH 2)	Medium Term	100,000
		<b>Total</b>	<b>46,777,000.00</b>

## Central Luzon

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Aurora	1,936,700,000	4,562,000,000	2,500,000	6,501,200,000	54,396
Bataan	192,780,000	705,000,000	-	897,780,000	187,312
Bulacan	2,468,513,000	1,197,800,000	2,502,000	3,668,815,000	855,197
Nueva Ecija	-	-	-	-	556,285
Pampanga	10,462,400,000	870,900,000	-	11,333,300,000	520,533
Angeles City (HUC)	-	-	-	-	118,254
Tarlac	-	252,000,000	1,000,000	253,000,000	338,899
Zambales	170,500,000	12,808,000	6,000,000	189,308,000	156,793
Olangapo City (HUC)	37,000,000	50,302,808,000	60,500,000	50,400,308,000	61,815
<b>Total</b>	<b>15,267,893,000.00</b>	<b>57,903,316,000.00</b>	<b>72,502,000.00</b>	<b>73,243,711,000</b>	<b>2,849,484</b>

### Aurora

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water Laboratory	Short Term	100,000,000
2 Construction of Water Supply Facilities and Sources (Deepwell, Spring Development)	Medium Term	1,530,000,000
3 Continuing Education Program for Implementors and end users	Short Term	10,000,000
4 Expansion on service area of Balibago Water District	Short Term	150,000,000
5 Formulation of Local Drinking Water Quality Monitoring Committee (LDWQMC)	Short Term	500,000
6 Pipe laying projects (by Admin)	Long Term	60,000,000
7 Training on WSS Committee	Short Term	20,000,000
8 Water testing using PHC bottle	Short Term	65,000,000
9 Regulation and Control for Construction of Wells within 150 meters radius	Short Term	1,000,000
10 Watershed Management System (Monitoring and Safety of Point Sources)	Short Term	200,000
<b>Total</b>		<b>1,936,700,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Liquid Waste Facility	Medium Term	2,000,000,000
2 Upgrading of Solid Waste Management (collection and disposal)	Long Term	2,500,000,000
3 Watershed Management System (Monitoring and Safety of Point Sources)	Long Term	2,000,000
4 Distribution of concrete toilet bowls with information dissemination regarding the use	Medium Term	60,000,000
<b>Total</b>		<b>4,562,000,000</b>

Both	Timeline	Budget Requirement (PHP)
1 Awareness Program regarding WatSan thru the Academe	Short Term	1,500,000
2 Adoption of National Laws about Water Supply and Sanitation by SP & SB	Short Term	1,000,000
<b>Total</b>		<b>2,500,000.00</b>



## Bataan

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water System:		26,500,000
Gabon, Hacienda, Abucay, Bataan	Short Term	2,500,000
E.C. Bernabe NHS, Bagac, Bataan	Short Term	2,500,000
Brgy. Tubo-Tubo, Dinalupihan, Bataan	Short Term	2,500,000
Brgy. Mabayo, Morong, Bataan	Short Term	2,500,000
Kanawan, Morong	Short Term	2,000,000
Nagbalayong HS-Senior HS, Morong, Bataan	Short Term	2,500,000
Sibul II, Daan Pare, Orion	Short Term	2,500,000
P. Roman NHS, Pilar, Bataan	Short Term	2,500,000
Brgy. Palili, Samal, Bataan	Short Term	2,000,000
Samal NHS, Senior HS, Samal, Bataan	Short Term	5,000,000
2 Repair / Rehabilitation of Water System		11,500,000
Bagac NHS-Parang, Parang, Bagac, Bataan	Short Term	2,000,000
Luakan NHS, Dinalupihan, Bataan	Short Term	2,000,000
Sta. Lucia NHS, Dinalupihan, Bataan	Short Term	2,500,000
Casupanan ES, Hermosa, Bataan	Short Term	2,000,000
Hermosa ES, Hermosa, Bataan	Short Term	500,000
Sumalo, Hermosa, Bataan	Short Term	500,000
Morong NHS, Morong, Bataan	Short Term	2,000,000
3 Development of Water Impounding Reservoir at Talisay River, Balanga City, Bataan	Short Term	100,000,000
4 Upgrading of Water System, Bataan School of Fisheries, Orion, Bataan	Short Term	2,500,000
5 Construction of Pump Stations including wells	Short Term	20,000,000
6 Rehabilitation of Elevated Steel Tank (including cleaning and disinfection)	Short Term	280,000
7 Repair / Expansion of Water District Pipe Lines	Medium Term	30,000,000
8 Establish Water District (Level 3), Samal & Abucay, Bataan	Short Term	2,000,000
<b>Total</b>		<b>192,780,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Sewerage Treatment Plant (Phase II)	Long Term	700,000,000
2 Construction of STP / Water Treatment Facility	Long Term	5,000,000
<b>Total</b>		<b>705,000,000.00</b>

## Bulacan

Water	Timeline	Budget Requirement (PHP)
1 Malolos WD Water Supply Project	Short Term	1,914,670,000
2 Construction of Glass fused to steel Ground Reservoir.		27,150,000
one (1) 1,000 cum. at Brgy Bitungol.	Short Term	14,500,000
one (1) 1,000 cum. at Brgy Tigbe.	Short Term	12,650,000
3 Construction of two (2) 1000 cu.m. Glass fused to steel bolted tank at Sitio Bato, Guyong Pump Station and Gulod, San Jose Patag Pump Station1.	Short Term	25,093,000
4 Construction of 30mld treatment plant at Brgy. San Mateo including pipelines and reservoir.	Short Term	235,000,000
5 Pipeline Expansion at different Barangays of Norzagaray.	Medium Term	3,000,000
6 Pipelaying expansion programs in three (3) hydraulic area (29,058 LM).	Medium Term	144,000,000
7 Rehabilitation of pipelines at Barangay Fvr Phase 1, Phase 2 and Phase 3.	Short Term	11,500,000
8 Design and Construction of 3,000 cu.m. Glass fused to steel bolted tanks.	Medium Term	38,100,000
9 Development of new sources of surface water for the BBWSP (Labangan Channel, San Miguel-Sulipan, Angat River, Maasim River, Bayabas River, Bulo Dam).	Long Term	70,000,000
<b>Total</b>		<b>2,468,513,000.00</b>

## Bulacan (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Constructing of Septage Treatment Plant.	Long Term	25,000,000
2 Construction of 105 cu.m. Septage facilities	Long Term	89,300,000
3 Purchase of two vacuum trucks that will be use for desludging.	Short Term	10,000,000
4 Septage Mangement Program	Long Term	1,066,000,000
5 Proposed Wastewater Testing Laboratory	Short Term	-
6 Build New Pump Station or New Mini Treatment Plant	Short Term	7,500,000
<b>Total</b>		<b>1,197,800,000</b>

Both	Timeline	Budget Requirement (PHP)
1 Aid to Rural Waterworks and Sanitation Association (RWSA) for the development, improvement and rehabilitation of water system	Short Term	2,000,000
2 Conduction of Seminars Re: Water Supply and Sanitation	Short Term	500,000
3 WSS Infrastructure for Disaster Risk Management	Short Term	-
<b>Total</b>		<b>2,502,000.00</b>

## Pampanga

Water	Timeline	Budget Requirement (PHP)
1 Lubao Bulk Water Supply Project	Short Term	705,900,000
2 Metro Clark Bulk Surface Water Supply Project	Short Term	4,024,500,000
3 Pampanga Bulk Surface Water Supply Project	Short Term	5,732,000,000
<b>Total</b>		<b>10,462,400,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Mabalacat City WD Septage Management Program	Long Term	100,000,000
2 Septage Treatment & Disposal Facilities in Select LGUs of Tarlac, Bulacan, Pampanga	Long Term	581,900,000
3 Major Urban Centers Sewerage System Development Projects	Long Term	189,000,000
<b>Total</b>		<b>870,900,000.00</b>

## Tarlac

Water	Timeline	Budget Requirement (PHP)
<b>Total</b>		<b>-</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Septage Treatment Plant (STP) Facility per cluster (8 clusters)	Long Term	237,000,000
2 Sewerage Treatment Plant (STP) - 3 District Hospitals	Long Term	15,000,000
<b>Total</b>		<b>252,000,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Formulate Ordinance : Adapting RA 9275 : Clean Water Act of 2004	Medium Term	1,000,000
2 Inclusion of Water Supply and Sanitation Projects in Annual Investment Plan	Short Term	-
<b>Total</b>		<b>1,000,000.00</b>



## Zambales

Water	Timeline	Budget Requirement (PHP)
1 Provision of Water Supply System (Level I, II, III) to Various Rural Barangays in the Provincewide	Short Term	160,000,000
2 Rehabilitation of Watershed/Forestland to sustain water storage capacity at least 130 has per year.	Short Term	10,500,000
2 Provision of Rainwater Collector Impounding Structure	Long Term	-
<b>Total</b>		<b>170,500,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Provision of Improved Sanitary Toilet to Indigent Households	Medium Term	9,000,000
2 Strengthening of Solid Waste Management Monitoring to protect ground water quality.	Long Term	2,808,000
3 Strengthening the Implementation of Sanitation in All Municipalities	Long Term	1,000,000
<b>Total</b>		<b>12,808,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Establishment of WSS Department as Local Economic Enterprise	Medium Term	6,000,000
<b>Total</b>		<b>6,000,000.00</b>

## Olangapo City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 Creation of Local Drinking Water Quality Monitoring Committee	Short Term	500,000
2 Finalization of the Integrated Watershed Management Plan (IWMP)	Short Term	1,000,000
3 Integrated Watershed Management Program		32,000,000
a. IWRM River and Waterways Management Program	Short Term	10,000,000
b. IWRM Forest Management Program	Short Term	10,000,000
c. IWRM Coastal Resource Management Program	Short Term	7,000,000
d. IWRM Urban Greening Program	Short Term	5,000,000
4 Preparation of Water Safety Plan for all water service providers	Short Term	500,000
5 Water Sampling for doubtful sources	Short Term	3,000,000
<b>Total</b>		<b>37,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Communal Septic Tank	Short Term	200,000,000
2 Sewerage and Septic Management Program	Long Term	50,000,000,000
3 Provision of Improved Sanitary Toilet to Indigent Households	Long Term	90,000,000
4 Strengthening of Solid Waste Management Monitoring to protect ground water quality.	Long Term	2,808,000
5 Strengthening the Implementation of Sanitation in All Municipalities	Long Term	10,000,000
<b>Total</b>		<b>50,302,808,000</b>

Both	Timeline	Budget Requirement (PHP)
1 Establishment of Olongapo City Environment and Natural Resources Office (City ENRO)	Medium Term	10,000,000
2 Partnership with the colleges/universities and other institutions regarding research and development for concerns on water supply and sanitation	Short Term	500,000
3 Water Supply and Sanitation Program for Disaster Risk Reduction Management (DRRM)	Long Term	50,000,000
<b>Total</b>		<b>60,500,000.00</b>

# CALABARZON

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Batangas	40,584,365	365,950,000	-	406,534,365	716,799
Cavite	5,001,738,000	500,000,000	-	5,501,738,000	1,076,276
Laguna	449,300,000	1,191,600,000	5,000,000	1,645,900,000	892,857
Quezon	40,665,314,010	-	-	40,665,314,010	470,789
Rizal	300,000,000	480,200,000	-	780,200,000	778,539
Lucena City (HUC)	-	-	-	-	81,186
<b>Total</b>	<b>46,456,936,374.86</b>	<b>2,537,750,000.00</b>	<b>5,000,000.00</b>	<b>48,999,686,374.86</b>	<b>4,004,500</b>

## Batangas

Water	Timeline	Budget Requirement (PHP)
1 Construction of nine (9) Water Supply System, Drilling of Production Well, Installation of Submersible Pump and construction of elevated water tanks	Short Term	18,670,120
2 Nine (9) proposed Water Supply System, Drilling of Production Well, Installation of Submersible Pump and construction of elevated water tanks	Short Term	21,914,244
<b>Total</b>		<b>40,584,364.86</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 STP for 12 Provincial Government Operated Hospital	Long Term	54,000,000
2 PGENRO Batangas Environment Laboratory Accredited by DENR-EMB and PNS ISO 177025.2005	Short Term	3,000,000
3 Distribution of Toilet Bowls	Short Term	450,000
4 Provision of sanitary toilet facility package	Short Term	500,000
5 Strengthening of Waste Management Projects	Medium Term	8,000,000
6 Proposed Domestic Wastewater and Septage Treatment Plant (15 Cluster Location Province Wide)	Long Term	300,000,000
<b>Total</b>		<b>365,950,000.00</b>

## Cavite

Water	Timeline	Budget Requirement (PHP)
1 Level 3 WS expansion in the municipalities of Mainit, Malamig, and Maligamgam covering 20,000 households.	Short Term	3,000,000,000
2 Revival of the 10 non-operational WDs in the municipalities of Mainit, Malamig, and Maligamgam	Short Term	1,500,000,000
3 Preparation of IWRM Plan for Matubig River	Short Term	500,000,000
4 Maragondon Bulk Water Supply Project covering 4 municipalities	Short Term	1,051,000
5 Trece Martires City Water Supply Project	Short Term	687,000
<b>Total</b>		<b>5,001,738,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Preparation of septage treatment plan in northern cluster municipalities	Short Term	500,000,000
<b>Total</b>		<b>500,000,000.00</b>

## Laguna

Water	Timeline	Budget Requirement (PHP)
1 Construction of Level I- Water Supply Facilities in selected areas	Short Term	11,300,000
2 Construction / Rehabilitation of Level II- Water Supply in Los Baños, Bay & Victoria	Short Term	153,000,000
3 Construction / Rehabilitation of Level III- Water Supply in San Pedro City	Short Term	165,000,000
4 Construction of Level III- Water Supply System in Famy, Kalayaan	Medium Term	20,000,000
5 Rehabilitation / Upgrading of Level II WSS to Level III WSS (Majayjay, Luisiana, Sta. Maria, Victoria, Paete)	Medium Term	100,000,000
<b>Total</b>		<b>449,300,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Sanitary Toilet Facilities in Targetted Areas	Short Term	1,600,000
2 Construction of Sanitary Toilet Facilities with approved design septic tank and superstructure in rural areas	Medium Term	150,000,000
3 Construction of STP in 4 Government Hospitals	Medium Term	80,000,000
4 Construction of 3 Clustered Septage Facility (Sta. Cruz- Pakil, Bay, Sta. Cruz)	Medium Term	100,000,000
5 Construction of Appropriate design Septage Facility along lakeshore areas	Medium Term	54,000,000
6 Purchase of Trucks for Septage/ Sewage Transport to Septage Facility	Short Term	6,000,000
7 Construction/ Upgrading of Sewerage System in 6 Cities (as future HUC's)	Long Term	800,000,000
<b>Total</b>		<b>1,191,600,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Institutionalization of Water and Sanitation in all LGU's	Short Term	3,000,000
2 Training of WATSAN Core Team (Inter- Agency)	Short Term	2,000,000
<b>Total</b>		<b>5,000,000</b>

## Quezon

Water	Timeline	Budget Requirement (PHP)
1 Dumacaa River Irrigation Project	Short Term	265,000,000
2 Quipot River Irrigation Project	Short Term	1,000,000,000
3 Macalelon Irrigation Project	Short Term	700,000,000
4 Pipeline: Maragondon Bulk Water Supply	Short Term	20,000,000,000
5 Kaliwa Dam Project	Short Term	18,700,000,000
6 unsafe level 1 -safe	Short Term	-
7 level II - level III (Urban)	Short Term	-
8 Metro Quezon WD Water Supply Project	Short Term	314,010
<b>Total</b>		<b>40,665,314,010.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Lucena STP	Short Term	-
2 Centralized ST: Tiaong	Short Term	-
3 Level II (Upland)	Short Term	-
<b>Total</b>		<b>-</b>

## Rizal

Water		Timeline	Budget Requirement (PHP)
1	Upgrading of Level I to Level II (Upland Areas)	Long Term	300,000,000
		<b>Total</b>	<b>300,000,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Rizal Provincial Hospitals (STP) Antipolo & Jalajala	Long Term	60,000,000
2	Maintenance of Existing STP of Hospitals	Long Term	15,000,000
3	Septage Treatment Plant for Water Districts	Long Term	400,000,000
4	Granting Complete Set of Toilet Facilities	Short Term	5,200,000
		<b>Total</b>	<b>480,200,000.00</b>

# MIMAROPA

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Marinduque	601,882,000	-	800,000	602,682,000	56,944
Occidental Mindoro	51,800,000	225,895,824	-	277,695,824	123,008
Oriental Mindoro	1,134,630,000	11,000,000	-	1,145,630,000	209,821
Palawan	2,527,090,000	6,062,000,000	-	8,589,090,000	225,656
Puerto Princesa City (HUC)	903,000,000	120,000,000	-	1,023,000,000	78,389
Romblon	776,000,000	242,190,000	-	1,018,190,000	71,678
<b>Total</b>	<b>5,994,402,000.00</b>	<b>6,661,085,824.00</b>	<b>800,000.00</b>	<b>12,656,287,824.00</b>	<b>765,497</b>

## Marinduque

Water	Timeline	Budget Requirement (PHP)
1 Repair of Various Deepwells (Baranagay Ipil, Sta. Cruz)	Short Term	370,000
2 Expansion of Sta. Cruz Municipal Waterworks System	Short Term	5,000,000
3 Establishment of Complete Water Testing Laboratory	Short Term	20,000,000
4 Construction of Production Wells, Installation of Pumps And Transmission Pipelines (Barangay Lapu-Lapu, Napo, Taytay, and Tawiran)	Short Term	6,000,000
5 Construction of Water Filtration Facilities Complete with Auxilliary Components (Barangay Makulapnit, Banogbog, Libjo, Kinyaman, Bangcuangan)	Short Term	9,602,000
6 Construction of Level II Barangay Mongpong Waterworks System	Short Term	2,000,000
7 Improvement of Waterworks System		366,080,000
Boac Waterworks System	Short Term	327,060,000
Waterworks Systems of Barangay Argao, Pili, Silanagan, Hinaggayon, Paye, Ino	Short Term	3,470,000
Kawa-Kawa Waterworks System	Short Term	8,550,000
New Bagtingon Waterworks System	Short Term	8,000,000
Katigawan Waterworks System	Short Term	5,000,000
Tungib-Lipata Waterworks System	Short Term	5,000,000
Daykitin Waterworks System	Short Term	3,000,000
Caigangan Waterworks System	Short Term	3,000,000
Libas Waterworks System	Short Term	3,000,000
8 Rehabilitation of Waterworks Systems		30,830,000
Poblacion Waterworks System (Barangay Torrijos)	Short Term	7,830,000
Poblacion Waterworks System of Barangay Uno to Quatro	Short Term	5,000,000
Siloan Water Works System	Short Term	3,000,000
Guinaras Waterworks System	Short Term	3,000,000
Tamban Waterwoks Sysyem	Short Term	3,000,000
Malinao Waterworks System	Short Term	3,000,000
Bicas-Bicas Waterworks System	Short Term	3,000,000
Bagacay Waterworks System	Short Term	3,000,000
9 Construction of Water Treatment Plant		156,000,000
Pakaskasan Water Treatment Plant	Short Term	13,000,000
Talawan Water Treatment Plant	Short Term	13,000,000
Bayakbakin Water Treatment Plant	Short Term	13,000,000
Bangwayin Water Treatment Plant	Short Term	13,000,000
Cabuyo Water Treatment Plant	Short Term	13,000,000
Tigwi Water Treatment Plant	Short Term	13,000,000
Malibago Water Treatment Plant	Short Term	13,000,000
Marlanga Water Treatment Plant	Short Term	13,000,000
Nangka Water Treatment Plant	Short Term	13,000,000
Payanas Water Treatment Plant	Short Term	13,000,000
Bolo Water Treatment Plant	Short Term	13,000,000
Sibuyao Water Treatment Plant	Short Term	13,000,000
10 Construction of Water Supply System with Spring Development in Tiguion, Gasan	Short Term	6,000,000
<b>Total</b>		<b>601,882,000.00</b>

## Marinduque (Continuation)

Both	Timeline	Budget Requirement (PHP)
1 Water Supply Safety Plan and Sanitation Workshop / Summit / Conference	Short term	800,000
	<b>Total</b>	<b>800,000.00</b>

## Occidental Mindoro

Water	Timeline	Budget Requirement (PHP)
1 Well Development Extension Projects		4,700,000
So. Tuburan	Short Term	2,000,000
Brgy. Batong-Buhay	Short Term	2,700,000
Development of Water Supply Systems		13,150,000
Barangay Malisbong (Level III)	Medium Term	2,150,000
Barangay Manoot	Medium Term	5,000,000
Abra de Ilog (Expansion of Level III )	Long Term	6,000,000
Expansion of Level III Water Supply Systems		9,100,000
So. Palbong (Spring)	Long Term	2,600,000
San Francisco	Long Term	1,500,000
Mamburao	Medium Term	5,000,000
Distribution Line Extension Project in Barangay Sta. Lucia II	Short Term	2,650,000
Development of Pumping Station and Distribution Lines in Central Barangays	Medium Term	5,000,000
Level III Expansion Project for Sablayan Town Proper	Long Term	2,000,000
Rehabilitation of old pipelines in Sablayan Town Proper	Long Term	5,000,000
Pipeline extensions at Central Barangays	Long Term	2,400,000
Sablayan Expansion Project For Other Requesting Baranagays (Level III WSS)	Long Term	7,800,000
	<b>Total</b>	<b>51,800,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Distribution of Toilet Facility	Long Term	70,200,000
2 Construction of Septic Tank	Long Term	1,673,000
3 Water Treatment System	Long Term	154,022,824
	<b>Total</b>	<b>225,895,824.00</b>

## Oriental Mindoro

Water	Timeline	Budget Requirement (PHP)
1 Sagana at Ligtas na Tubig sa Lahat (SALINTUBIG) Program	Long Term	80,000,000
2 Water Assistance to Municipalities	Medium Term	20,000,000
3 Construction/ Improvement/ Rehabilitation of Potable Water System Program - Level II and III	Long Term	350,000,000
4 Installation of communal Drinking Water Fountain, San Aquilino, Roxas	Short Term	50,000
5 Improvement of Water System (MINsCAT Calapan and Victoria Campuses)	Short Term	-
6 Calapan Water (CW) Additional 2 water sources	Short Term	80,000
7 CW Construction of 2 reservoirs	Short Term	120,000,000
8 CW NRW Reduction	Medium Term	364,500,000
9 CW Additional transmission & distribution lines	Long Term	100,000,000
10 Various Reforestation Projects within Watershed Areas	Medium Term	-
11 Calapan River Water Quality Management Area	Long Term	-
12 Integrated Water Resource Management	Long Term	-
13 Water Service Providers Institutional and Capacity Development	Long Term	-
14 Designation and Managent of Priority Watersheds for Protection	Long Term	100,000,000
15 Creation/Strength ening of Water Districts/LGU- Operated Water System in 14 Municipalites	Long Term	-
16 Creation of Provincial Water Resources Committee	Short Term	-
	<b>Total</b>	<b>1,134,630,000.00</b>

## Oriental Mindoro (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Environmental Health and Sanitation	Long Term	5,500,000
2 Approval/Adoption of Calapan City Drainage Master Plan	Long Term	5,500,000
	<b>Total</b>	<b>11,000,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Approval/Adoption of Calapan City Drainage Master Plan	Long term	-
	<b>Total</b>	<b>-</b>

## Palawan

Water	Timeline	Budget Requirement (PHP)
1 Development of Level III ater Supply System		2,527,090,000
Agutaya (Level III)	Short Term	58,100,000
Araceli (Level II)	Short Term	59,500,000
Aramaywan, Narra (Level II)	Short Term	3,460,000
Balabac (Level III)	Short Term	116,050,000
Bantulan, Taytay (Level II)	Short Term	8,900,000
Bataraza (Kennedy & Kapanagan Phase I)	Short Term	100,000,000
Bubusawin, Aborlan (Level II)	Short Term	4,000,000
Buer Buer, Rizal	Short Term	17,000,000
Busuanga (Level II)	Short Term	89,000,000
Busybees, Taytay (Level II)	Short Term	4,200,000
Cabinbin, Brooke's Point	Short Term	54,000,000
Cagayancillo (Level III)	Short Term	18,000,000
Calategas, Narra (Level II - Phase 1)	Short Term	22,860,000
Calategas, Narra (Level II - Phase 2)	Short Term	20,300,000
Caraniogan, Narra (Level III)	Short Term	58,800,000
Coron (Level III)	Short Term	150,800,000
Culandanum, Aborlan (Level III)	Short Term	2,000,000
Culion (Level III)	Short Term	92,000,000
Cuyo (Level III)	Short Term	105,600,000
Dumaran (Level III)	Short Term	72,340,000
El Nido (Level III)	Short Term	48,890,000
El Nido (Level III)	Short Term	72,200,000
El Salvador, Española	Short Term	120,000,000
Estrella, Narra (Level III)	Short Term	30,500,000
Filantropia , Brooke's Point	Short Term	35,800,000
Inungsuran, Aborlan (Level III)	Short Term	4,800,000
Linapacan (Level III)	Short Term	55,440,000
Magsaysay (Level III)	Short Term	76,710,000
Manaili, Aborlan (Level III)	Short Term	21,450,000
Manaili, Narra (Level III)	Short Term	15,600,000
Pamatolon, Taytay (Level III)	Short Term	29,390,000
Princess Urduja, Narra (Level II)	Short Term	17,180,000
Punta Baja, Rizal	Short Term	15,600,000
Quezon (Level III)	Short Term	120,000,000
Roxas, Roxas (Level III)	Short Term	346,700,000
San Vicente (Level III)	Short Term	350,000,000
Sandoval, Roxas (Level II)	Short Term	5,000,000
Saraza, Brooke's Point	Short Term	35,100,000
Talakaigan, Aborlan (Level III)	Short Term	66,570,000
Yale, Aborlan (Level III)	Short Term	3,250,000
	<b>Total</b>	<b>2,527,090,000.00</b>

## Palawan (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Sewage and SWTP		6,062,000,000
Aborlan	Short Term	300,000,000
Agutaya	Short Term	125,000,000
Araceli	Short Term	178,000,000
Balabac	Short Term	228,000,000
Bataraza	Short Term	300,000,000
Brooke's Point	Short Term	389,000,000
Busuanga	Short Term	267,000,000
Cagayancillo	Short Term	63,000,000
Coron	Short Term	250,000,000
Culion	Short Term	276,000,000
Cuyo	Short Term	223,000,000
Dumaran	Short Term	217,000,000
El Nido	Short Term	205,000,000
Española	Short Term	360,000,000
Linapacan	Short Term	166,000,000
Magsaysay	Short Term	122,000,000
Narra	Short Term	506,000,000
Quezon	Short Term	360,000,000
Rizal	Short Term	500,000,000
Roxas	Short Term	633,000,000
San Vicente	Short Term	267,000,000
Taytay	Short Term	127,000,000
<b>Total</b>		<b>6,062,000,000.00</b>

## Puerto Princesa City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 Rural Water System		77,000,000
7 Barangays	Long Term	42,000,000
5 Barangays - Establishment of RWS Facilities	Long Term	35,000,000
2 Secure Lot Acquisition	Long Term	-
3 Expansion and Rehabilitation of Water Distribution	Long Term	-
4 Maintenance of Existing Facilities and Expansion of Additional Pipelines	Long Term	50,000,000
5 Advocacy for Responsible Consumer	Long Term	5,000,000
6 Water Source Exploration / Well Drilling	Long Term	50,000,000
7 Water Supply Impounding Project	Short Term	721,000,000
<b>Total</b>		<b>903,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Septage Management Program Construction: Septage Treatment Facility and Equipments with 60 c.u./day Capacity	Short Term	120,000,000
2 El Nido Sewage and SWTP	Short Term	-
3 Implementation of Phased Approach to Total Sanitation	Short Term	-
4 Provision of Rewards and Incentives and Showcasing of Best Practices of ZOD Declared Barangays	Short Term	-
5 Translation and Communication of IEC Materials to Local IP Dialects	Short Term	-
6 Development and Adoption of Local Sustainable Water and Sanitation Plan	Short Term	-
7 Oplan Linis Program	Short Term	-
8 Sanitary Landfill Facility Improvement of Facility	Short Term	-
<b>Total</b>		<b>120,000,000.00</b>



## Romblon

Water		Timeline	Budget Requirement (PHP)
1	Well Drilling, Pipelaying Projects and Provision of Service Connections		607,000,000
	Level 3 (PH 2)	Medium Term	100,000,000
	Level 3 (PH 2)	Medium Term	150,000,000
	Level 3 (PH 2)	Medium Term	50,000,000
	Level 3 (Phase 3)	Long Term	150,000,000
	Level 3 (Phase 3)	Long Term	157,000,000
2	Rehabilitation and Pipelaying Projects Level 3	Short Term	100,000,000
3	Upgrading of Level I to Level II Water System	Long Term	69,000,000
		<b>Total</b>	<b>776,000,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Improved Toilet w/ septic tank	Medium Term	150,730,000
2	Septage Management Program	Long Term	85,050,000
3	Leach/Drain Field/Soak Pit	Long Term	6,410,000
		<b>Total</b>	<b>242,190,000.00</b>

## Bicol Region

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Albay	3,184,410,000	-	-	3,184,410,000	302,740
Camarines Norte	267,971,000	4,471,160,000	-	4,739,131,000	144,095
Camarines Sur	450,800,000	200,000,000	-	650,800,000	441,940
Catanduanes	436,800,000	82,350,000	-	519,150,000	59,232
Masbate	1,905,278,050	649,932,000	18,250,000	2,573,460,050	209,164
Sorsogon	4,477,000,000	1,858,700,000	62,000,000	6,397,700,000	184,124
<b>Total</b>	<b>10,722,259,050.00</b>	<b>7,262,142,000.00</b>	<b>80,250,000.00</b>	<b>18,064,651,050.00</b>	<b>1,341,295</b>

### Albay

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water System		15,000,000
Burok-burokan Spring	Short Term	5,000,000
Mayong	Short Term	10,000,000
2 Rehabilitation of Water Systems and Facilities	Short Term	371,000,000
3 Development of Water System Facilities at Resettlement Sites (Alobo, Gapo and Del Rosario)	Short Term	2,796,870,000
4 LCWD Performance Improvement Program	Short Term	540,000
5 Tagaytay Deepwell water system	Short Term	1,000,000
<b>Total</b>		<b>3,184,410,000</b>

### Camarines Norte

Water	Timeline	Budget Requirement (PHP)
1 Construction of Modular Filtraion Plant Phase III	Short Term	52,000,000
2 Construction of potable water system, Barangay Mataque	Short Term	4,000,000
3 Construction of water supply system talobatib	Short Term	2,320,000
4 Construction of Level III Water Supply System for 63,769 households	Short Term	75,000,000
5 Non- revenue water reduction	Medium Term	68,000,000
6 Preparation of feasibility study for Itok River and Minasag River	Long Term	14,608,500
7 Rehab/improvement of water system level II, Brgy Tacad	Short Term	6,330,000
8 Revival of the 2 non- operational WDs in the municipalities of Sta. Elena and Capalonga	Short Term	33,712,500
9 Talobatib Water Supply System	Short Term	12,000,000
<b>Total</b>		<b>267,971,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Preparation of septage treatment plant 5 cluster municipalities	Medium Term	4,471,160,000
<b>Total</b>		<b>4,471,160,000</b>

## Camarines Sur

Water	Timeline	Budget Requirement (PHP)
1 Adaptation & Mitigation Initiative in Agriculture (AMIA) Project	Long Term	-
2 Development of water source and pipe lines (Iriga City)	Long Term	100,000,000
3 El Verde Project (Environmental Management Projects)	Long Term	800,000
4 Expansion of Main line pipes & water source development ( Metro Naga)	Long Term	300,000,000
5 Expansion of Main line pipes (Iriga City)	Short Term	25,000,000
6 Installation of parallel main lines (Iriga City)	Short Term	15,000,000
7 Installation of reverse osmosis filter (Milaor)	Short Term	10,000,000
8 Lake Bato WQMA	Long Term	-
9 Reviving of Level 1 & 2	Medium Term	-
10 Tree Nurturing (ADNU)	Long Term	-
11 Water Quality Mgt. (Naga River WQMA, Lake Buhi WQMA)	Long Term	-
<b>Total</b>		<b>450,800,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Septage management plan		200,000,000
Iriga City	Long Term	200,000,000
Metro Naga	Long Term	-
<b>Total</b>		<b>200,000,000</b>

Both	Timeline	Budget Requirement (PHP)
1 CLUP with Green Infra	Long Term	-
2 Full Implementation of R.A. 6716	Long Term	-
3 IEC (PLGU/ADNU)	Long Term	-
<b>Total</b>		<b>-</b>

## Catanduanes

Water	Timeline	Budget Requirement (PHP)
1 Construction of Sibanhon Rapid Sand Filter	Short Term	3,000,000
2 Expansion of service areas	Long Term	300,000,000
3 Franchise-wide repiping and upgrading	Medium Term	8,800,000
4 Improvement of Transmission Lines		15,000,000
Bigaa Transmission lines	Short Term	5,000,000
Cawayan Transmission lines	Short Term	10,000,000
5 Repair of Water Supply Intake Structure (Cawayan & Bigaa)	Short Term	5,000,000
6 Upgrade Cawayan transmission pipeline	Short Term	5,000,000
7 Rehabilitation of Transmission pipelines		49,000,000
Cawayan Transmission pipeline	Medium Term	31,000,000
Padurog Transmission Line	Medium Term	6,000,000
Cawayan to Sto. Domingo Transmission Line	Medium Term	12,000,000
8 Sibanhon Treatment Facilities	Medium Term	11,000,000
9 Construction of Padurog Access Road and Treatment Facilities	Medium Term	13,000,000
10 Construction of Pump Station		12,000,000
Brgy. Siv, Virac	Medium Term	7,500,000
Provincial Capitol Compound	Medium Term	4,500,000
11 Construction of Pump Station and Palnab-Igan Transmission Line	Medium Term	13,000,000
12 Valencia Distribution Pipeline	Medium Term	2,000,000
<b>Total</b>		<b>436,800,000</b>

## Catanduanes (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Acquisition and Construction of STP Site	Long Term	82,350,000
	<b>Total</b>	<b>82,350,000</b>

## Masbate

Water	Timeline	Budget Requirement (PHP)
1 Clean-up of Rivers & Streams	Medium Term	1,500,000
2 Construction of Level II Water System	Long Term	486,640,000
3 Construction of Level III Water System Including water source Development	Long Term	750,000,000
4 Level III Expansion Program ( 2 Barangays)	Short Term	3,500,000
5 Level III Expansion Program Brgy. Maingaran, Masbate City	Medium Term	10,500,000
6 MMWD Construction of Additional Water Source	Short Term	10,000,000
7 MMWD Water Treatment Facilities	Short Term	25,000,000
8 Mobo WD - POW 1 and 2	Long Term	129,626,000
9 Proposed Level III Water Supply System in 4 Barangays including water source development (Bagacay River)	Long Term	95,500,000
10 Reduction of NRW	Medium Term	2,500,000
11 Reduction of NRW from 27% to 15 %	Long Term	10,000,000
12 Upgrading Level II to Level III Water Facilities	Long Term	156,210,000
13 Upgrading of Level I into Level II Water System	Long Term	4,302,050
14 Watershed Management Protection (River Source)	Long Term	100,000,000
15 Dispersal of Seedling & Tree Planting	Short Term	5,000,000
16 IEC on Soil & Water Conservation	Short Term	15,000,000
17 Watershed Management Protection (River Source)	Long Term	100,000,000
	<b>Total</b>	<b>1,905,278,050</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Sanitary Toilet with Septic Tank	Long Term	588,832,000
2 Implementation of Solid Waste Segregation	Long Term	10,000,000
3 Implementation of Septage Treatment Plant	Short Term	50,000,000
4 Organization of LDWQMC	Short Term	150,000
5 Organization of MWASHC	Short Term	150,000
6 Proposed CLTS Training	Short Term	800,000
7 Reproduction of C4D Materials	Medium Term	-
	<b>Total</b>	<b>649,932,000</b>

Both	Timeline	Budget Requirement (PHP)
1 IEC on Soil & Water Conservation	Short Term	15,000,000
2 Monitoring and Evaluation of WSS Program	Long Term	200,000
3 Proposed Strict Implementation of National & Local Environmental Laws by way of Passing Ordinances	Short Term	50,000
4 Upgrading of 3 units Provincial Water Analysis Laboratory	Short Term	3,000,000
	<b>Total</b>	<b>18,250,000</b>

## Sorsogon

Water	Timeline	Budget Requirement (PHP)
1 Orientation and training of a water cooperative in 540 barangays who will operate and maintain the system	Long Term	30,000,000
2 Rehab of transmission lines and expansion of distribution lines in various municipalities	Long Term	3,571,000,000
3 Construction of additional Water Supply System (Level II&III) for various municipalities	Long Term	743,000,000
4 Development of new water source (spring) at Brgy. Hidhid and Calintaan Island including Subic Beach- Matnog Water District	Long Term	85,000,000
5 Establishment of Bamboo Nursery	Short Term	2,000,000
6 Construction and rehabilitation of water system, water reservoir and pipeline	Long Term	24,500,000
7 Drilling of new well at Brgy. Basud, Sorsogon City	Short Term	12,000,000
8 Establishment of Agroforestry Nursery In Brgy. Pangpang, Sorsogon City	Short Term	5,000,000
9 Formulation of policies and regulations for Water Service Providers	Short Term	-
10 Pipelaying of 1.4km expansion at Brgy. San Isidro, Sorsogon City	Short Term	3,000,000
11 Purchase of Agroforestry Seedlings-for distribution	Short Term	750,000
12 Purchase of Bamboo Seedlings-for distribution	Short Term	750,000
<b>Total</b>		<b>4,477,000,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of 2 units STP for Sorsogon City	Long Term	64,040,000
2 Construction of 1 unit STP for Matnog & Sta. Magdalena	Long Term	22,080,000
3 Construction of 1 unit STP for Irosin & Bulusan	Long Term	30,310,000
4 Construction of 1 unit STP for Bulan	Long Term	381,000,000
5 Construction of 1 unit STP for Magallanes, Juban & Casiguran	Long Term	38,930,000
6 Construction of 1 unit STP for Barcelona, Gubat & Prieto Diaz	Long Term	39,220,000
7 Construction of 1 unit STP for Donsol	Long Term	18,940,000
8 Construction of 1 unit STP for Pilar	Long Term	28,150,000
9 Construction of 1 unit STP for Castilla	Long Term	22,030,000
10 Construction of 9 units STP for LGU Hospitals	Long Term	180,000,000
11 Construction of 34483 Improved Sanitary Toilets per household (1/HH)	Long Term	1,034,000,000
<b>Total</b>		<b>1,858,700,000</b>

Both	Timeline	Budget Requirement (PHP)
1 Creation of Water and Sanitation Division at PEO, headed by a Sanitary Engineer who will assist the LDWQMC in the technical aspect of the regulation of water service providers	Short Term	60,000,000
2 Institutionalization of Local Regulatory Committee for Water Service Providers	Short Term	-
3 Preparation of Municipal Water Supply, Sewerage and Sanitation Sector Plan (MW4SP) of all the LGUs by their Local Planning Office	Short Term	1,500,000
4 Provision of technical assistance during the preparation of MWS4P	Short Term	500,000

## Western Visayas

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Aklan	-	-	-	-	137,157
Antique	-	-	-	-	142,372
Capiz	-	-	-	-	195,482
Iloilo	10,000,000	80,000,000	-	90,000,000	474,538
Iloilo City (HUC)	-	-	-	-	110,956
Guimaras	-	-	-	-	44,275
Negros Occidental	-	-	-	-	632,533
Bacolod City (HUC)	-	-	-	-	146,987
<b>Total</b>	<b>10,000,000.00</b>	<b>80,000,000.0</b>	<b>-</b>	<b>90,000,000</b>	<b>1,386,600</b>

### Aklan

Water	Timeline	Budget Requirement (PHP)
1 Training and workshops on WSSP Mapping (Conduct WSSP mapping in the province of Aklan)		-
<b>Total</b>		<b>-</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Monitoring and Evaluation		-
2 Microbiological Testing		-
3 Campaign for the Expansion of ZOD Brgys		-
4 Brgy. with Best Sanitation Practice		-
5 Procurement of Toilet Bowls		-
6 Waterline and Gerrycans		-
<b>Total</b>		<b>-</b>

Both	Timeline	Budget Requirement (PHP)
1 Creation of Provincial Water Supply and Sanitation Sector Technical Working Group	Short Term	-
<b>Total</b>		<b>-</b>

### Antique

Water	Timeline	Budget Requirement (PHP)
1 Barangay Consultation/Meetings		-
2 WASH Project Orientation and Management		-
3 Conduct of Basic organizational mechanics		-
4 Organization of the Interim BAWASA and strengthening		-
5 Training on Operation and Management		-
6 Assist BAWASA/or water and sanitation association to any registering agency		-
7 Creation on WSS Planning and Technical Working Group through the issuance of Executive Order		-
8 Conduct TOT on WASH, Community Led Total Sanitation		-
9 Conduct TOT on project operation and management		-
10 Conduct Trainings on Sewerage and Septage Management		-

## Antique (Continuation)

Water	Timeline	Budget Requirement (PHP)
11 Learning Visit to successful WASH projects		-
12 Conduct Training on Project identification and prioritization for LGUs		-
13 Training on Feasibility Study Preparation, project development and business plan preparation		-
14 Preparation and packaging of FS/Project proposal and business plan		-
15 Coordination and lobbying to different funding institutions for project/FS/Business plan sourcing		-
16 Adoption of the WSS Plan to the Local Comprehensive Development Plan and Investment Program by the LDC and approved by Local Sanggunian		-
17 Training on WSS Result Based Monitoring and evaluation system		-
18 TOT on community based RBME on WSS project		-
19 Sustainability of national greening project implementation		-
20 Establishment forest trees Nurseries		-
21 Micro Watershed Rehabilitation		-
22 Tree growing and maintenance		-
23 Printing and packaging of acceptable IEC materials for community distribution		-
24 Conduct Barangay assembly orientation and consultation		-
25 Radio Programs, print, trimedia partnership/ broadcasting		-
26 Conduct water quality, sampling and testing		-
27 Establishment and Maintenance Provincial Water Laboratory		-
28 Procurement of collilerts and 18reagents and laboratory equipment for water analysis		-
29 Construction of safe water supply system (level 1, 2, 3)		-
30 Lot Procurement for waste disposal		-
31 Procurement/Provision of Vacuum Truck Lorry per municipality (LGU Economic Enterprise)		-
32 Construction of complete toilet facilities with septic tanks		-
33 Inventory and updating of WSS data		-
34 Geo-tagging of existing and potential water sources		-
35 Mapping of water and sanitation facilities provincewide		-
36 Inventory of existing water system service level and assisting institution		-
37 Data		-
Total		-

## Iloilo

Water	Timeline	Budget Requirement (PHP)
1 Organize WSPs		-
2 Capacity building for CB-WSPs		-
3 Development of Water and Sanitation Knowledge Information System		-
4 Regular Monitoring and Evaluation of WSPs		-
5 Link WSPs with Funders		-
6 Federate CB WSP		-
7 Provision of technical, infra, fund support to CB WSP		-
8 Construction of Rural Water System Projects in Barangays		-
9 Capacity Building		-
10 PPP planning		-
11 Incorporating service areas in provincial WATSAN map/databank		-
12 Identification, site validation and IEC on project impact and importance (climate change, watershed, rainwater harvesting)		-
13 Construction of Rainwater Harvesting systems in evacuation centers		-
14 Construction of Rainwater Harvesting ferrocement tanks		-
15 Zero Open Defecation movement (toilet for toilet less household		-
16 IEC, Advocacy, Environmental sanitation		-
17 Provision of collilert and re agents for bacti test		-
18 Treatment of water sources		-
19 IEC		-

## Iloilo (Continuation)

Water	Timeline	Budget Requirement (PHP)
20 Establishment of water bacteriological examination facility		-
21 Identification of urban/special areas/relocation sites for sewerage planning		-
22 Sewerage planning ordinance		-
23 WDM		-
24 Water Source Protection		-
25 ZOD PO		-
26 PEWS for WSPs, WD		-
27 Forest protection		-
28 Watershed planning, development and protection		-
29 Mapping and GIS data banking		-
30 Streambank reforestation		-
31 Incorporate CC projections into water source		-
32 Training Programs for WMB/C		-
33 Watershed mapping/data banking		-
34 Inter Watershed MB Visits		-
35 Regular Watershed Monitoring & Assessment (esp water quality and quantity)		-
36 Institutionalized use of Watershed Assessment,(SOWR		-
37 Conduct of Governors Prize on Blue Waters Competition		-
38 Institutionalized use of Watershed score cards (Forest; Water Quality, Quantity, Consumption; Biodiversity; Waste Mgt; Land Use and Conversion; Watershed Governance)		-
39 IEC on BICs		-
40 Set up BIC Centers		-
41 Conduct BIC Congress (Bi Annual)		-
42 Barangay-based water source protection		-
43 Women on Watershed organizing and strengthening		-
44 New Lucena WD	Medium Term	10,000,000.00
<b>Total</b>		<b>10,000,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Iloilo Cluster Septage Management Project	Medium Term	80,000,000
	(Ajuy, Barotac Viejo, Concepcion, San Rafael, Sara)		
		Total	80,000,000.00

## Negros Occidental

Water	Timeline	Budget Requirement (PHP)
1 Establishment of Study Team		-
2 Restoration of the Waterworks Division (under Provincial Engineer's Office) to Spearhead in the Conduct of Study & other Water Related Concerns		-
3 Adoption of EPANET Program as standard in the design and analysis of water systems		-
4 Formulation of Prov'l. Water, Sewerage & Sanitation Plan		-
5 Reforestation of Watershed Areas		-
6 Establishment of Local Water Sources Monitoring Committee		-
7 Human Resource and Capacity Development for Service Providers Project		-
8 Retrofitting of Existing Water Facilities & Construction of New Ones with Consideration of DRR/CCA		-
9 Establishment of Licensed Water Analysis Laboratory		-
10 Conduct of Regular Water Quality Monitoring		-
11 Conduct of Planning Workshop at Barangay Level		-
12 Provision of Incentives		-
<b>Total</b>		<b>-</b>



## Negros Occidental

Water		Timeline	Budget Requirement (PHP)
1	Establishment of Study Team		-
2	Restoration of the Waterworks Division (under Provincial Engineer's Office) to Spearhead in the Conduct of Study & other Water Related Concerns		-
3	Adoption of EPANET Program as standard in the design and analysis of water systems		-
4	Formulation of Prov'l. Water, Sewerage & Sanitation Plan		-
5	Reforestation of Watershed Areas		-
6	Establishment of Local Water Sources Monitoring Committee		-
7	Human Resource and Capacity Development for Service Providers Project		-
8	Retrofitting of Existing Water Facilities & Construction of New Ones with Consideration of DRR/CCA		-
9	Establishment of Licensed Water Analysis Laboratory		-
10	Conduct of Regular Water Quality Monitoring		-
11	Conduct of Planning Workshop at Barangay Level		-
12	Provision of Incentives		-
		<b>Total</b>	<b>-</b>

Sanitation		Timeline	Budget Requirement
1	Conduct of Orientation at the Local Level		-
2	Reproduction of IEC Materials		-
3	Conduct of Training on Community Led Total Sanitation		-
4	Program Implementation Review		-
5	Consultation with Sanitation Inspectors and Stakeholders		-
6	Conduct of Planning Workshop at Barangay Level		-
7	Provision of Incentives		-
		<b>Total</b>	<b>-</b>

# Central Visayas

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Bohol	3,305,350,914	-	-	3,305,350,914	307,817
Cebu	9,248,589,515	866,330,000	-	10,114,919,515	744,854
Negros Oriental	882,910,000	-	35,000,000	917,910,000	334,769
Siquijor	1,050,160,000	-	-	1,050,160,000	25,029
Cebu, Mandaue, Lapu-Lapu	-	-	-	-	495,488
<b>Total</b>	<b>14,487,010,428.90</b>	<b>866,330,000.00</b>	<b>35,000,000.00</b>	<b>15,388,340,428.90</b>	<b>1,907,957</b>

## Bohol

Water	Timeline	Budget Requirement (PHP)
1 Bulk Water Supply to 17 Priority Areas	2030-2040	3,222,530,913.90
2 Establishment of water source facilities		-
3 Establishment of water treatment facilities		-
4 Establishment of storage and transmission facilities		-
5 Installation of pump stations		-
6 Construction of storage for materials and equipment and vehicles		-
7 Development of power source		-
8 Hiring of Technical and Administrative Personnel		-
9 Capacity Development on O and M		-
10 Land and right of way acquisition		-
11 Creation of Provincial Water Supply and Sanitation Sector Technical Working Group		-
12 Memorandum of Agreement between the Province and MLGUs		-
13 Securing Water Rights Permits		-
14 PPP thru BOT		-
15 Bohol Bulk Water Supply Project covering 18 municipalities	Medium Term	3,200,000.00
16 Expansion of Municipal Waterworks at Poblacion Vieja, Batuan, Bohol	Medium Term	1,920,000.00
17 Improvement of Water Supply System at Panglao Resettlement Site	Medium Term	13,500,000.00
18 Rehabilitation of Level III Municipal Water Supply System of Municipality of Cortes	Medium Term	64,200,000.00
<b>Total</b>		<b>3,305,350,913.90</b>

Both	Timeline	Budget Requirement (PHP)
1 Creation of Provincial Water Supply and Sanitation Sector Technical Working Group	Short Term	-
2 Establishment of Water Supply and Sanitation office	Short Term	-
<b>Total</b>		<b>-</b>

## Cebu

Water	Timeline	Budget Requirement (PHP)
1 Mananga Transmisssion line	Long Term	450,000,000
2 Mactan Additional Pipeline improvement	Medium Term	101,000,000
3 Hydraulic area 3	Long Term	376,000,000
4 Hydraulic Area 1 Pipe Improvement	Medium Term	281,000,000
6 Alegria Integrated Potable Water Supply Project	Short Term	95,510,000
7 Proposed Bulk Water Supply System (Argao, Badian, Tuburan)	Long Term	6,000,000,000
8 Proposed Level III Waterworks System		1,740,460,843
Proposed Canlumampao Level - III Waterworks System	Short Term	22,414,545
Proposed Landahan Level - III Waterworks System (Phase II)	Short Term	60,938,769
Proposed Level - III Waterworks System	Short Term	47,512,902
Proposed Minolos Level III Waterworks System	Short Term	67,900,014
Proposed Sunog Level III Waterworks System	Short Term	140,708,426
Proposed Upper Becerril Level III Waterworks System	Short Term	11,644,396
Proposed Kabutongan Level III Waterworks System	Short Term	22,466,559
Proposed Arbor Level-III Waterworkw System	Short Term	1,534,654
Proposed Gaas Level-III Waterworks System	Short Term	1,361,420
Proposed Paculob Level-III Waterworks System	Short Term	162,023,704
Proposed Zaragoza Level-III Waterworks System	Short Term	237,558,503
Proposed Panadtaran Level III Waterworks System	Short Term	101,593,664
Proposed Colawin Level III Waterworks System	Short Term	382,505,218
Proposed Ubaub Level III Waterworks System	Short Term	50,406,227
Proposed Alcantara Level III Waterworks System	Short Term	43,318,522
Proposed Dagatan Level-III Waterworks System	Short Term	20,397,455
Proposed Basak Level-III Waterworks System	Short Term	15,013,333
Proposed Augmentation of Poblacion Level-III Waterworks System	Short Term	248,162,532
Catmon Level III Water Supply System	Short Term	103,000,000
9 Lusaran Dam	Long Term	3,570,000
10 Kotkot Dam	Long Term	1,329,000
11 Expansion Level III Waterworks System (Phase 1)	Short Term	2,430,000
12 Proposed Level I-III Waterworks System	Short Term	480,000
13 Proposed Level II Waterworks System		196,199,672
Boloc-boloc	Short Term	130,323,319
San Miguel	Short Term	7,797,688
Tampaan	Short Term	58,078,665
14 Proposed Landahan Level I-III Waterworks System (Phase 2)	Short Term	610,000
15 Cebu Desal	Long Term	-
16 Mactan Big Scale Desal	Long Term	-
17 Brackish Supply (Mambaling, Subabasbas)	Short Term	-
18 Mactan Desal Supply	Short Term	-
19 Bulk Supply (Mananga, Nivel, Talisay, Danao)	Long Term	-
20 Mananga Reservoir	Long Term	-
<b>Total</b>		<b>9,248,589,515.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Mactan Septage Management	Medium Term	-
2 STP (15 clustered and 4 individual LGU)	Long Term	866,330,000.00
3 Septage North Area	Medium Term	-
4 Septage South Area	Medium Term	-
<b>Total</b>		<b>866,330,000.00</b>

## Negros Oriental

Water	Timeline	Budget Requirement (PHP)
1 Construction and Improvement of WWS Level I	Short Term	2,460,000.00
2 Construction and Improvement of WWS Level II	Short Term	5,100,000.00
3 Construction and Improvement of WWS Level III	Short Term	26,750,000.00
4 Construction of additional water source Level I	Long Term	206,860,000.00
5 Construction of additional water source Level II	Long Term	206,860,000.00
6 Construction of additional water source Level III	Long Term	413,730,000.00
7 Dumaguete City WD Water Supply Project	Long Term	1,150,000.00
8 Establishment of Local Drinking Water Quality Monitoring Committee Province Wide	Short Term	10,000,000.00
9 Water Quality Laboratory Established and Purchase of Equipment (BACTE)	Short Term	10,000,000.00
<b>Total</b>		<b>882,910,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Orientation on Database Mngement	Short Term	10,000,000
2 Monitoring & Evaluation of WSS Program	Short Term	10,000,000
3 Inter-agency Consultative Meeting	Short Term	15,000,000
<b>Total</b>		<b>35,000,000</b>

## Siquijor

Water	Timeline	Budget Requirement (PHP)
1 Capability Building of the Proponent Group of Water Resource Development and Management	Short Term	1,200,000.00
2 Conservation, Impounding, Collection and Storing Thru Mini Dams and Other Means	Short Term	631,000,000.00
3 Development and Distribution: Installation and Establishment of Water Connection, Facilities and Infrastructure	Short Term	370,000,000.00
4 Hydrogeological Studies and Inventory	Short Term	13,000,000.00
5 Mass IEC of the Rehabilitation, Protection, Conservation and Management of Water Resources as Protected Areas	Short Term	2,500,000.00
6 Rehabilitation & Protection of Water Sources, Micro-watersheds and Non-watershed Areas	Short Term	30,000,000.00
7 Siquijor Integrated Water Development Project	Short Term	-
8 Water System Development at Camapalanas, Lazi.	Short Term	2,460,000.00
<b>Total</b>		<b>1,050,160,000.00</b>

## Eastern Visayas

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Biliran	-	-	-	-	42,607
Eastern Samar	42,000,000	30,000,000	-	72,000,000	120,482
Leyte	46,377,420	1,000,000	-	47,377,420	456,757
Tacloban City	-	-	-	-	58,538
Northern Samar	226,000,000	7,000,000	-	233,000,000	140,666
Samar	817,800,000	-	-	817,800,000	181,711
Southern Leyte	1,000,000,000	300,000,000	1,000,000	1,301,000,000	100,150
<b>Total</b>	<b>2,132,177,420.45</b>	<b>338,000,000.00</b>	<b>1,000,000.00</b>	<b>2,471,177,420.45</b>	<b>1,100,913</b>

## Eastern Samar

Water	Timeline	Budget Requirement (PHP)
1 Construction of Level II Water System	Short Term	1,875,000.00
2 Potable Water System Program, Level II	Short Term	30,000,000.00
3 Potable Water System Project Level II (Brgy. Maputi, Brgy. San Roque, Brgy. Taytay)	Short Term	2,250,000.00
4 Rehabilitation of Gen. Mac. Water District Deep Well, Level II	Short Term	1,250,000.00
5 Provision of Water System, livelihood activities and power supply to housing resettlements	Short Term	1,250,000.00
6 Rehabilitation of Water Pipelines of Level III Giporlos Water Supply System from Source to Poblacion area	Short Term	875,000.00
7 Water System improvement: Barangay Bagua-Level III WSS; Brgy. Tagpuro Level III WSS, Casuguran Level II WSS	Medium Term	875,000.00
8 Construction of small water impounding project at Barangay Paco	Short Term	2,000,000.00
9 Implementation of the Water Safety Plan	Long Term	1,625,000.00
<b>Total</b>		<b>42,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Septage Management	Long Term	30,000,000.00
<b>Total</b>		<b>30,000,000.00</b>

## Leyte

Water	Timeline	Budget Requirement (PHP)
1 Design and Build of Ormoc Waterworks System 30 MLD Water Treatment Plant	Medium Term	1,977,420.45
2 Leyte Metro WD - Tacloban	Medium Term	4,400,000.00
3 On-going upgrading and improvement of Ahag Water Treatment Facility (Surface Water)	Short Term	40,000,000.00
<b>Total</b>		<b>46,377,420.45</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Septage Treatment Facilities	Medium Term	1,000,000.00
<b>Total</b>		<b>1,000,000.00</b>

## Northern Samar

Water	Timeline	Budget Requirement (PHP)
1 Construction of additional two (2) Water Districts	Medium Term	200,000,000.00
2 Construction of Level II and Level III Facilities	Medium Term	5,000,000.00
3 Provincial WATSAN Plan Formulation	Short Term	20,000,000.00
4 Research and Development on New WATSAN Projects	Short Term	1,000,000.00
<b>Total</b>		<b>226,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Septage, Sewerage, and Landfill Facilities	Medium Term	7,000,000.00
<b>Total</b>		<b>7,000,000.00</b>

## Samar

Water	Timeline	Budget Requirement (PHP)
1 Calbayog Water Supply Project	Short Term	270,000,000
2 Construction of Level I to Level II Water Facilities	Medium Term	77,400,000
3 Development of Water Sources, and Sanitation/Distribution System		61,000,000
Motiong, Pinabacdao, Villareal	Medium Term	45,000,000
Zumarraga, Zumarraga Island, Samar	Medium Term	16,000,000
4 Rehabilitation of 494 Level II Water Facilities	Medium Term	49,400,000
5 Rehabilitation of Level I Water Facilities	Short Term	360,000,000
<b>Total</b>		<b>817,800,000.00</b>

## Southern Leyte

Water	Timeline	Budget Requirement (PHP)
1 Expansion of Water Supply Service Area	Medium Term	1,000,000,000.00
<b>Total</b>		<b>1,000,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Waste Treatment Plant Installation at 6 clusters in the Provincewide of Southern Leyte	Long Term	300,000,000.00
<b>Total</b>		<b>300,000,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Creation of Provincial WSS Plan	Short Term	1,000,000
<b>Total</b>		<b>1,000,000</b>

## Zamboanga Peninsula

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Zamboanga del Norte	1,063,071,600	566,971,520	-	1,630,043,120	243,327
Zamboanga del Sur	500,000,000	-	155,835,000	655,835,000	243,842
Zamboanga City (HUC)	20,462,900,000	339,000,000	-	20,801,900,000	55,796
Zamboanga Sibugay	221,700,000	2,000,000	-	223,700,000	157,216
City of Isabela	-	-	-	-	26,164
<b>Total</b>	<b>22,247,671,600.00</b>	<b>907,971,520.00</b>	<b>155,835,000.00</b>	<b>23,311,478,120.00</b>	<b>726,345</b>

### Zamboanga del Norte

Water	Timeline	Budget Requirement (PHP)
1 Drilling of Additional Wells, Installation of Pipes, Procurement of Electro-mechanical Eqpt, Installation of Service Lines	Medium Term	1,063,071,600
<b>Total</b>		<b>1,063,071,600.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Procurement of Desludging/Vacuum Trucks and Semi-Mechanized Equipment	Medium Term	566,971,520
<b>Total</b>		<b>566,971,520.00</b>

### Zamboanga del Sur

Water	Timeline	Budget Requirement (PHP)
1 Construction/ Development of Various Water System	Medium Term	500,000,000
<b>Total</b>		<b>500,000,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Installation of Transmission Line, 200mm.dia uPVC pipe from brgy. Danlupan to Pagadian City	Short Term	77,461,000
2 Rehabilitation of Pipelines 450mm dia. Sttle pipes along National Highway (from Tiguma to Cor. Sabellano St. - Both Sides)	Short Term	78,374,000
<b>Total</b>		<b>155,835,000.00</b>

### Zamboanga City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 Bulk Water Distribution Line	Long Term	850,000,000
2 Cahumban Water System	Short Term	76,400,000
3 Feederline/Water Services Expansion	Short Term	264,000,000
4 Impounding Facilities	Long Term	19,000,000,000
5 Mainline Replacement Project	Long Term	105,000,000
6 NRW Reduction Program	Medium Term	16,000,000
7 Rancho Frio and Bunguiao Water System	Medium Term	121,000,000
8 Water Demand Management	Long Term	-
9 Zamboanga City WD Impounding Dam	Short Term	30,500,000
<b>Total</b>		<b>20,462,900,000.00</b>

## Zamboanga City (HUC) (Continuation)

Sanitation		Timeline	Budget Requirement (PHP)
1	Computer software system for data analysis	Short Term	-
2	Material Recovery Facility for every Barangay	Short Term	-
3	Sanitary Landfill Facility	Short Term	-
4	Sewerage Treatment Plant	Medium Term	339,000,000
5	WinS (WaSH in Schools),	Long Term	-
6	Zero Open Defecation	Long Term	-
		<b>Total</b>	<b>339,000,000.00</b>

## Zamboanga Sibugay

Water		Timeline	Budget Requirement (PHP)
1	Construction of Various Water Supply System in Municipalities of Ipil and Titay	Medium Term	156,000,000
2	Construction of Water Supply System Level II in 16 Municipalities	Medium Term	62,200,000
3	Rehabilitation of Water Supply System Level II in 16 Municipalities	Medium Term	3,500,000
		<b>Total</b>	<b>221,700,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Provision of 4,000 pcs Porcelain Toilet Bowl (Seat Type)	Short Term	2,000,000
		<b>Total</b>	<b>2,000,000.00</b>



## Northern Mindanao

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Bukidnon	47,907,600,000	3,353,080,000	-	51,260,680,000	345,481
Camiguin	7,403,323,500	43,760,000	25,760,000	7,472,843,500	21,535
Lanao del Norte	5,463,000,000	4,306,260,000	-	9,769,260,000	158,258
Iligan City (HUC)	1,272,210,000	2,000,026,910	-	3,272,236,910	84,185
Misamis Occidental	5,281,100,000	584,300,000	41,500,000	5,906,900,000	145,779
Misamis Oriental	5,659,000,000	1,572,000	163,817,000	5,824,389,000	222,187
Cagayan de Oro City (HUC)	2,521,996,000	2,322,000,000	500,000,000	5,343,996,000	196,226
<b>Total</b>	<b>75,508,229,500.00</b>	<b>12,610,998,910.00</b>	<b>731,077,000.00</b>	<b>88,850,305,410.00</b>	<b>1,173,651</b>

### Bukidnon

Water	Timeline	Budget Requirement (PHP)
1 Change water meters installed 5 or more years ago (Phase 1)	Short Term	160,000,000
2 Change water meters installed 5 or more years ago (Phase 2)	Medium Tern	525,000,000
3 Rehabilitation of dilapidated pipelines (Phase 1)	Short Term	113,000,000
4 Rehabilitation of dilapidated pipelines (Phase 2)	Medium Tern	132,000,000
5 Calibration of all water meters	Short Term	3,000,000,000
6 Estblishmentr of rain water harvesting facilities in every house hold (Phase 1)	Short Term	4,000,000
7 Estblishmentr of rain water harvesting facilities in every house hold (Phase 2)	Medium Tern	3,600,000
8 Construction of water treatment plant (Phase 1)	Short Term	20,500,000,000
9 Construction of water treatment plant (Phase 2)	Medium Tern	23,000,000,000
10 Reforestation of Watershed Areas (Phase 1)	Short Term	30,000,000
11 Reforestation of Watershed Areas (Phase 2)	Medium Tern	30,000,000
12 Payment of Environmental Services (Livelihood Projects) (Phase 1)	Short Term	110,000,000
13 Payment of Environmental Services (Livelihood Projects) (Phase 2)	Medium Tern	300,000,000
<b>Total</b>		<b>47,907,600,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Creation of the Provincial Water Supply and Sanitation Board		-
2 Establishment of Local Water Sources Monitoring Committee		-
3 Passage of the "Municipal Septage Management Ordinance", an ordinance establishing Septage Management Program.		-
4 Formulation and Implementation of the Local water safety and sanitation plan (Phase 1)	Short Term	5,000,000
5 Formulation and Implementation of the Local water safety and sanitation plan (Phase 2)	Medium Term	5,000,000
6 Form strategic alliances of Multi-Sectoral and Multi-level Stakeholder in the establishment of Septage Treatment Plant (Phase 1)	Short Term	1,863,280,000
7 Form strategic alliances of Multi-Sectoral and Multi-level Stakeholder in the establishment of Septage Treatment Plant (Phase 2)	Medium Term	192,800,000
8 Provision of water sealed toilet bowls to indigents families (Phase 1)	Short Term	500,000,000
9 Provision of water sealed toilet bowls to indigents families (Phase 2)	Medium Term	200,000,000
10 Regular collection of Household waste	Short Term	457,000,000
<b>Total</b>		<b>3,223,080,000</b>

## Bukidnon

Sanitation	Timeline	Budget Requirement (PHP)
11 Imposition of penalties to those households or individuals caught throwing or dumping of household waste to any bodies of water		-
12 Strict imposition of penalties to non-compliant industrial firm		-
13 Training on Community Led Total Sanitation (Phase 1)	Short Term	25,000,000
14 Training on Community Led Total Sanitation (Phase 2)	Medium Term	25,000,000
15 Seminars/capacity building of health and identified community volunteers on community based sanitation. (Phase 1)	Short Term	10,000,000
16 Seminars/capacity building of health and identified community volunteers on community based sanitation. (Phase 2)	Medium Term	10,000,000
17 Involvement of Barangay Health workers in Environmental and Sanitation Program.		-
18 LGU to coordinate with schools, church and other organizations or agencies for information campaign.		-
19 Conduct of IEC campaigns for schools, teachers & Barangays. (Phase 1)	Short Term	10,000,000
20 Conduct of IEC campaigns for schools, teachers & Barangays. (Phase 2)	Medium Term	20,000,000
21 Tri-media campaign (Radio, TV, and print media). (Phase 1)	Short Term	10,000,000
22 Tri-media campaign (Radio, TV, and print media). (Phase 2)	Medium Term	20,000,000
<b>Total</b>		<b>3,353,080,000</b>

## Camiguin

Water	Timeline	Budget Requirement (PHP)
1 Upgrading/improvement of main pipelines and reservoirs from Katugupan source, Mainit to Barangay Bonbon Catarman		11,000,000
2 Upgrading/improvement of main pipelines and reservoirs from Katugupan source, Mainit to Barangay Bonbon Catarman		10,000,000
3 Construction of 2,000 cu.m. RC Reservoir Distribution mains and other appurtenances to serve the Municipality of Mahinog at Brgy. Cabuan, Guinsiliban		20,000,000
4 Construction of 2,000 cu.m. RC Reservoir Distribution mains and other appurtenances to serve the Municipality of Mahinog at Brgy. Cabuan, Guinsiliban		30,000,000
5 Installation of chlorinating equipment in the 2 new utility lines (Katugupan, Mainit to Barangay Bonbon, and reservoir in Brgy. Cabuan)		2,000,000
6 Installation of chlorinating equipment in the 2 new utility lines (Katugupan, Mainit to Barangay Bonbon, and reservoir in Brgy. Cabuan)		-
7 Water Source development at Cabantian Spring source including Raw water Mains, Sto. Nino, Catarman, Camiguin		3,000,000
8 Water Source development at Cabantian Spring source including Raw water Mains, Sto. Nino, Catarman, Camiguin		7,000,000
9 Other water supply infrastructure project in Mambajao and Mahinog, Camiguin (projects to be determined since the participants were unable to attend)		100,000,000
10 Other water supply infrastructure project in Mambajao and Mahinog, Camiguin (projects to be determined since the participants were unable to attend)		120,000,000
11 Water supply infrastructure projects in Mambajao and Mahinog, Camiguin	Long Term	220,000
12 Construction of water treatment plant	Long Term	43,500
13 Establishment of rain water harvesting facilities in every household	Short Term	7,100,000,000
14 Reforestation of Watershed Areas	Medium Term	60,000
<b>Total</b>		<b>7,403,323,500</b>

## Camiguin (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Information dissemination project on environmental protection and hygiene promotion in every municipalities of Camiguin	Long Term	2,000,000
2 Information dissemination project on environmental protection and hygiene promotion in every municipalities of Camiguin	Long Term	3,000,000
3 Provision of 1888 households with limited or no toilet with sanitary facilities (toilet bowls with septic tanks) for critical barangays in the five municipalities in Camiguin including behavioural change component	Short Term	17,760,000
4 Provision of 1888 households with limited or no toilet with sanitary facilities (toilet bowls with septic tanks) for critical barangays in the five municipalities in Camiguin including behavioural change component	Short Term	20,000,000
5 Provision of other sanitation infrastructure facilities (septage treatment plant/ sewerage system)	Medium Term	25,000
6 Provision of other sanitation infrastructure facilities (septage treatment plant/ sewerage system)	Medium Term	25,000
7 Symposia to come up with common objectives to create a policy and adopt various programs on sanitation (permitting, records, monitoring guidelines, regulation, etc.)		100,000
8 Symposia to come up with common objectives to create a policy and adopt various programs on sanitation (permitting, records, monitoring guidelines, regulation, etc.)		100,000
9 Symposia to come up with common objectives to create a policy and adopt various programs on sanitation (permitting, records, monitoring guidelines, regulation, etc.)		150,000
10 Symposia to come up with common objectives to create a policy and adopt various programs on sanitation (permitting, records, monitoring guidelines, regulation, etc.)		150,000
11 Provision of water sealed toilet bowls to indigents families	Short Term	700,000
<b>Total</b>		<b>43,760,000</b>

Both	Timeline	Budget Requirement (PHP)
1 Putting-up of signages and information banners in protected areas in Camiguin (Phase 1)		500,000
2 Putting-up of signages and information banners in protected areas in Camiguin (Phase 2)		500,000
3 Information drive through mass media and local schools (local radio, newspaper) to show the environmental state of Camiguin (Phase 1)		50,000
4 Information drive through mass media and local schools (local radio, newspaper) to show the environmental state of Camiguin (Phase 2)		50,000
5 Training/seminars and site visits for key LGUs, WSPS and NGA for the sustainable management of the water supply and sanitation management sector (Phase 1)		300,000
6 Training/seminars and site visits for key LGUs, WSPS and NGA for the sustainable management of the water supply and sanitation management sector (Phase 2)		500,000
7 Human resource development and hiring of additional personnel to handle water supply and sanitation management (Phase 1)		5,320,000
8 Human resource development and hiring of additional personnel to handle water supply and sanitation management (Phase 2)		10,640,000
9 Investment forum to create an avenue for increased capitalization, or investment (e.g., grants and donation), and turn-over of resources among five municipalities in Camiguin (financial capacity) (Phase 1)		100,000
10 Investment forum to create an avenue for increased capitalization, or investment (e.g., grants and donation), and turn-over of resources among five municipalities in Camiguin (financial capacity) (Phase 2)		100,000
11 Memorandum of Understanding with key institutions (both public and private) for technical and financial support (feasibility, evaluation of existing water system) for supply and sanitation management. (Phase 1)		-
12 Memorandum of Understanding with key institutions (both public and private) for technical and financial support (feasibility, evaluation of existing water system) for supply and sanitation management. (Phase 2)		-
13 Undertake feasibility studies and evaluation of existing water system and sanitation system for Camiguin (Phase 1)		3,000,000
14 Undertake feasibility studies and evaluation of existing water system and sanitation system for Camiguin (Phase 2)		2,000,000

## Camiguin (Continuation)

Both	Timeline	Budget Requirement (PHP)
15 Continue to build good relationship with DPWH, DILG, and other government agencies, and participate in national programs for supply and sanitation		-
16 Monitoring and evaluation project for water supply and sanitation (Phase 1)		100,000
17 Monitoring and evaluation project for water supply and sanitation (Phase 2)		100,000
18 Symposia to come up with common objectives to create a policy and adopt various programs on sanitation (permitting, records, monitoring guidelines, regulation, etc.)	Short Term	2,500,000
	<b>Total</b>	<b>25,760,000</b>

## Lanao del Norte

Water	Timeline	Budget Requirement (PHP)
1 Watershed profiling	Short Term	4,000,000
2 Watershed profiling	Medium Term	5,000,000
3 Establishment of bufferzones	Short Term	5,000,000
4 Reforestation Project	Short Term	15,000,000
5 Reforestation Project	Medium Term	15,000,000
6 Creation and operation of local water and sanitation board	Short Term	1,000,000
7 Construction of water supply facilities (Levels I, II & III)	Short Term	1,953,000,000
8 Construction of water supply facilities (Levels I, II & III)	Medium Term	2,493,000,000
9 Improvement/redevelopment of water supply facilities	Short Term	90,000,000
10 Improvement/redevelopment of water supply facilities	Short Term	30,000,000
11 Identification and profiling of alternative sources of water		-
12 Preparation of project proposal/ feasibility study	Short Term	1,000,000
13 Preparation of project proposal/ feasibility study	Medium Term	1,000,000
14 Development of untapped springs/deep wells	Short Term	350,000,000
15 Development of untapped springs/deep wells	Medium Term	500,000,000
16 Water Quality Control and development		-
17 Human Resource Development and Training		-
	<b>Total</b>	<b>5,463,000,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Improved sanitation projects	Short Term	282,960,000
2 Improved sanitation projects	Medium Term	3,061,240,000
3 Registration of septage service providers		-
4 Identification of possible sites for septage treatment facility		-
5 Establishment/construction of septage treatment plant in cluster municipalities	Short Term	184,000,000
6 Establishment/construction of septage treatment plant in cluster municipalities	Medium Term	36,340,000
7 Separate sewerage system	Short Term	310,660,000
8 Separate sewerage system	Medium Term	411,060,000
9 Establishment of aerated lagoon system		
10 Training on community-led total sanitation	Short Term	6,000,000
11 Training on community-led total sanitation	Medium Term	6,000,000
12 Training/Workshop on Formulation of Water Safety Plan	Short Term	1,000,000
13 Training/Workshop on Formulation of Water Safety Plan	Medium Term	1,000,000
14 Training on sewerage & septage operation & management	Short Term	1,000,000
15 Training on sewerage & septage operation & management	Medium Term	1,000,000
16 Training on Gender Sensitivity	Short Term	1,000,000
17 Training on Gender Sensitivity	Medium Term	1,000,000
18 Training on Community Development and Management	Short Term	1,000,000
19 Training on Community Development and Management	Medium Term	1,000,000
	<b>Total</b>	<b>4,306,260,000</b>

## Iligan City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 JV Proposal for Iligan City Water Supply Improvement and Expansion Project	Short Term	612,830,000
2 JV Proposal for Iligan City Water Supply Improvement and Expansion Project	Medium Term	658,180,000
3 Conduct Public Consultation to discuss proposed Tariff		
4 Creation of Monitoring Team to draft the water safety plan and monitor implementation and Issuance of Executive Order	Short Term	100,000
5 Creation of Monitoring Team to draft the water safety plan and monitor implementation and Issuance of Executive Order	Medium Term	100,000
6 Reforestation of Watershed Areas	Short Term	200,000
7 Reforestation of Watershed Areas	Medium Term	500,000
8 Conduct Public Consultation & preparation of IEC Materials	Short Term	150,000
9 Conduct Public Consultation & preparation of IEC Materials	Medium Term	150,000
<b>Total</b>		<b>1,272,210,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Enforcement of existing laws on environmental concerns	Medium Term	1,696,910
2 Continuing Information & Education Campaign on Segregation @ Source		-
3 Improvement of existing Facilities		-
4 Upgrading of existing sanitation laws into new trends and techniques		-
5 Tree & Mangrove Planting & Growing		-
6 Training on Community Led Total Sanitation		252,850,000
7 Training on Community Led Total Sanitation		48,570,000
8 Construction of a Sewerage & septage system		748,080,000
9 Construction of a Sewerage & septage system		948,830,000
<b>Total</b>		<b>2,000,026,910</b>

Both	Timeline	Budget Requirement (PHP)
1 Project implementation arrangements		-
2 Community development and management		-
<b>Total</b>		<b>-</b>

## Misamis Occidental

Water	Timeline	Budget Requirement (PHP)
1 Reforestation of Watershed Areas	Short Term	12,500,000
2 Reforestation of Watershed Areas	Medium Term	26,300,000
3 Establishment of Local Water Resources Monitoring Committee	Short Term	800,000
4 Establishment of Local Water Resources Monitoring Committee	Medium Term	1,100,000
5 Upgrading of Water Supply Distribution System from Level I or Level II to Level III	Short Term	1,110,000,000
6 Upgrading of Water Supply Distribution System from Level I or Level II to Level III	Medium Term	2,400,000,000
7 Development of new water sources	Short Term	111,000,000
8 Development of new water sources	Medium Term	240,000,000
9 Construction of Water Storage Facilities	Short Term	166,500,000
10 Construction of Water Storage Facilities	Medium Term	360,000,000
11 Rehabilitation & Improvement of Water Supply System Facilities	Short Term	133,200,000
12 Rehabilitation & Improvement of Water Supply System Facilities	Medium Term	288,000,000
13 Administration improvements such as: office and building improvements, purchasing of vehicles, office equipments, tools and equipments, furniture and fixtures. (Phase 1)	2017-2021; Short-Term	8,000,000
14 Administration improvements such as: office and building improvements, purchasing of vehicles, office equipments, tools and equipments, furniture and fixtures. (Phase 2)	2022-2026; Short-Term	8,300,000
15 Development of Water Source (includes geo-resistivity study and land acquisition; also includes pumps and motors, generators, electro-mechanical equipment, water treatment facilities and deep well accessories. (Phase 1)	2017-2021; Short-Term	16,500,000

## Misamis Occidental (Continuation)

Water		Timeline	Budget Requirement (PHP)
16	Development of Water Source (includes geo-resistivity study and land acquisition; also includes pumps and motors, generators, electro-mechanical equipment, water treatment facilities and deep well accessories. (Phase 2)	2022-2026; Short-Term	12,500,000
17	Expansion of service coverage areas. (Phase 1)	2017-2021; Short-Term	93,500,000
18	Expansion of service coverage areas. (Phase 2)	2022-2026; Short-Term	93,900,000
19	Service Renewal. (Phase 1)	2017-2021; Short-Term	57,700,000
20	Service Renewal. (Phase 2)	2022-2026; Short-Term	69,900,000
21	NRW Maintenance and Management Programs. (Phase 1)	2017-2021; Short-Term	44,400,000
22	NRW Maintenance and Management Programs. (Phase 2)	2022-2026; Short-Term	27,000,000
		<b>Total</b>	<b>5,281,100,000</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Training on Community Led Total Sanitation	Short Term	2,000,000
2	Training on Community Led Total Sanitation	Medium Term	5,000,000
3	Construction of Communal Septic Tanks for Coastal Areas	Short Term	78,300,000
4	Construction of Septage Treatment Plant (STP)	Short Term	150,000,000
5	Construction of Septage Treatment Plant (STP)	Medium Term	300,000,000
6	Establishment of STP Management and Monitoring Committee	Short Term	5,000,000
7	Establishment of STP Management and Monitoring Committee	Medium Term	15,000,000
8	Establishment of Socialized Environmental Fee for Septage	Short Term	2,500,000
9	Establishment of Socialized Environmental Fee for Septage	Medium Term	5,000,000
10	Formulation of Provincial Sewerage Management Plan	Short Term	4,500,000
11	Formulation of Provincial Sewerage Management Plan	Medium Term	6,500,000
12	Technical and Institutional Trainings on Sewerage Management	Short Term	3,500,000
13	Technical and Institutional Trainings on Sewerage Management	Medium Term	7,000,000
		<b>Total</b>	<b>584,300,000</b>

Both		Timeline	Budget Requirement (PHP)
1	Technical, Financial and Institutional Trainings on Water Supply and Sanitation Management	Short Term	39,000,000
2	Technical, Financial and Institutional Trainings on Water Supply and Sanitation Management	Medium Term	2,500,000
		<b>Total</b>	<b>41,500,000</b>



## Misamis Oriental

Water	Timeline	Budget Requirement (PHP)
1 Proposed Geo-Physical Assessment of the 26 Major Watersheds in Misamis Oriental	Short Term	858,000,000
2 Proposed Geo-Physical Assessment of the 26 Major Watersheds in Misamis Oriental	Medium Term	1,500,000,000
3 Proposed Assessment of the Availability and Demand of the Water Resources in Misamis Oriental		-
4 Proposed GIS-Based Studies Water Quality and Water Uses		-
5 Proposed Survey of Water Sources and utilization in Misamis Oriental		-
6 Proposed conduct of IEC in schools, barangays on the stakeholders roles in watershed management		-
7 Conduct of trainings to the MisOr clusters on the 3-Dimentional Framework of IWRM		-
8 Creation of Provincial Water Resources Management Board (LCEs) and Technical Working Group (MPDOs/PPDCs)	Short Term	58,000,000
9 Proposed establishment of financing programs in water resources supply management	Medium Term	100,000,000
10 Proposed Local Ordinances and Resolutions to resolve conflicts in allocation of water		-
11 DRRM/CCA Enhanced Planning and Design of Water Resources Infrastructures per cluster in Misamis Oriental	Short Term	1,143,000,000
12 DRRM/CCA Enhanced Planning and Design of Water Resources Infrastructures per cluster in Misamis Oriental	Medium Term	2,000,000,000
13 Establish a Water Resources Integrated Information Management System (IIMS) and Sanitation		-
14 Proposed Design and Construction of Water Supply Distribution Systems		-
15 Proposed Design and Construction of Cluster/Municipal Water Filtration System		-
<b>Total</b>		<b>5,659,000,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Proposed Study/data generation on Sanitation per sector/industry.		-
2 Conduct of forum and stakeholders IEC in water and sanitation best Practices		-
3 Conduct of Learning Exchange Programs thru visits on the best practices of water resources and septage Management		-
4 Proposed Training of Septage Management, Design and Treatment including monitoring and evaluation		-
5 Proposed Implementation of Sanitation Laws and Ordinances		-
6 Integration of sustainable sanitation Development framework in the Planning Framework (PDPFP and CDP)		-
7 Proposed Design and Construction of Sanitary Septage at the Barangay Level (Remote Communities) as well on- site designs including collection and treatment		-
8 Proposed Design and Construction of Communal Sanitary Septage for each of the 7 area clusters (MANLUNA, GALILEO, AGILA, CLAJAVITA, MISORET, GBA, Laguindingan Airport Development Project Impact Zone)		-
9 Implementation of plans and programs for septage management and treatment plants	Short Term	-
10 Implementation of plans and programs for septage management and treatment plants	Medium Term	-
11 Proposed Construction of Sanitary Landfill per clustered LGUs (7 clusters)	Short Term	-
12 Proposed Construction of Sanitary Landfill per clustered LGUs (7 clusters)	Medium Term	-
13 Clustered Septage Management Collection and Treatment Facilities	Long Term	1,572,000
<b>Total</b>		<b>1,572,000</b>

## Misamis Oriental (Continuation)

Both	Timeline	Budget Requirement (PHP)
1 Proposed Geo-tagging of Water and sanitation infrastructure in Misamis Oriental		-
2 Proposed capacity development to establish self-regulation (voluntary actions)	Short Term	58,000,000
3 Proposed capacity development to establish self-regulation (voluntary actions)	Medium Term	100,000,000
4 Proposed Local Laws and Ordinances to establish regulations and guidelines		-
5 Provincial Baseline Studies and Research:	Long Term	2,358,000
1. Geo-Physical Assessment of the 26 Major Watersheds in Misamis Oriental 2. Assessment of the Availability and Demand of the Water Resources in Misamis Oriental 3. GIS-Based Studies Water Quality and Water Uses 4. Geo-tagging of Water and Sanitation Infrastructure in Misamis Oriental 5. Survey of Water Sources and utilization in Misamis Oriental 6. Study/data generation on Sanitation per sector/industry		
6 Provincial Education and Training/IEC:	Long Term	158,000
1. Capacity development to establish self-regulation (voluntary actions) 2. Conduct of IEC in schools, barangays on the stakeholders roles in watershed management 3. Conduct of trainings to the MisOr clusters on the 3-Dimensional Framework of IWRM 4. Conduct of forum and stakeholders IEC in water and sanitation best Practices 5. Conduct of Learning Exchange Programs thru visits on the best practices of water resources and septage Management 6. Training of Septage Management, Design and Treatment including monitoring and evaluation		
7 Provincial Infrastructure Development:	Long Term	3,143,000
1. DRRM/CCA Enhanced Planning and Design of Water Resources Infrastructures per cluster in Misamis Oriental 2. Integration of sustainable sanitation Development framework in the Planning Framework (PDPFP and CDP) 3. Establish a Water Resources Integrated Information Management System (IIMS) and Sanitation 4. Proposed Design and Construction of Water Supply Distribution Systems 5. Proposed Design and Construction of Cluster/Municipal Water Filtration System 6. Proposed Design and Construction of Sanitary Septage at the Barangay Level (Remote Communities) as well on- site designs including collection and treatment 7. Proposed Design and Construction of Communal Sanitary Septage for each of the 7 area clusters (MANLUNA, GALILEO, AGILA, CLAJAVITA, MISORET, GBA, Laguindingan Airport Development Project Impact Zone)		
8 Provincial Institutional Mechanisms:	Long Term	158,000
1. Proposed creation of Provincial Water Resources Management Board (LCEs) and Technical Working Group (MPDOs/PPDCs) 2. Proposed Local Laws and Ordinances to establish regulations and guidelines 3. Proposed establishment of financing programs in water resources supply management 4. Proposed Local Ordinances and Resolutions to resolve conflicts in allocation of water 5. Proposed Implementation of Sanitation Laws and Ordinances		
<b>Total</b>		<b>163,817,000</b>



## Cagayan de Oro City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 Procurement or Development of Additional Water Source (Surface & Ground Water) (Phase 1)	Short Term	80,000,000
2 Procurement or Development of Additional Water Source (Surface & Ground Water) (Phase 2)	Medium Term	1,400,000,000
3 Development of New Water Supply Systems in Waterless Barangays	Short Term	316,000,000
4 Pipeline Extension Projects in Areas with Low Supply or Without Supply (Phase 1)	Short Term	59,000,000
5 Pipeline Extension Projects in Areas with Low Supply or Without Supply (Phase 2)	Medium Term	600,000,000
6 Continuing Tree-Growing Projects in Partnership with Private Organizations	Short Term	500,000
7 Employment of Leak Detection System and Activities on Pressure Management	Short Term	9,700,000
8 Establishment of Rainwater Harvesting Facility	Short Term	500,000
9 Training on Water Demand Management	Short Term	500,000
10 Construction of Additional Water Storage Facilities / Water Reservoirs	Short Term	36,000,000
11 Construction of Floodwalls or Flood Protection Around Water Supply Facilities; Elevation of Existing Generating Sets at Sources & Booster Stations	Short Term	15,000,000
12 Cagayan de Oro WD Expansion (New River Source)	Short Term	3,000,000
13 Development of Additional Water Source (Surface & Ground Water)	Long Term	1,480,000
14 Development of New Water Supply Systems in Waterless Barangays	Long Term	316,000
<b>Total</b>		<b>2,521,996,000</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Implementation of CDOBAR WQMA PLAN		
2 Implementation of STP	Short Term	128,000,000
3 Solid Waste Management Plan		
4 Creation of sewerage system	Medium Term	2,000,000,000
5 Creation of Treatment and Disposal Facilities	Short Term	1,000,000
6 Cagayan de Oro City Sewerage System	Long Term	65,000,000
7 Creation of Septage Management Plan and Implementation of STPs	Long Term	128,000,000
<b>Total</b>		<b>2,322,000,000</b>

Both	Timeline	Budget Requirement (PHP)
1 Continuing Tree-Growing Projects in Partnership with Private Organizations	Short Term	500,000,000
<b>Total</b>		<b>500,000,000</b>

## Davao Region

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Compostella Valley	1,737,675,984	1,392,614,000	-	3,130,289,984	185,301
Davao City (HUC)	400,000,000	16,350,000	-	416,350,000	485,676
Davao del Norte	2,215,895,000	3,832,300,000	-	6,048,195,000	255,831
Davao del Sur	-	-	-	-	181,218
Davao Occidental	1,220,000,000	127,000,000	-	1,347,000,000	84,965
Davao Oriental	1,400,229,600	829,150,000	20,789,230	2,250,168,830	142,665
<b>Total</b>	<b>6,973,800,584.00</b>	<b>6,197,414,000.00</b>	<b>20,789,230.00</b>	<b>13,192,003,814.00</b>	<b>1,335,656</b>

## Compostela Valley

Water	Timeline	Budget Requirement (PHP)
1 Assessment and mapping of water sources	Short Term	20,000,000
2 Potable Water System projects in various municipalities:		414,817,992
Municipality of Laak, Completion of Level II PWS	Short Term	1,550,000
Municipality of Laak, Construction of Level II PWS	Medium Term	3,126,160
Municipality of Laak, Improvement of Level II PWS	Short Term	16,000,000
Municipality of Laak, Improvement of Level II PWS	Short Term	5,500,000
Municipality of Laak, Rehabilitation of Level II PWS	Short Term	504,764
Municipality of Laak, Upgrading of Level II PWS	Short Term	400,000
Municipality of Maco, Construction of Level II PWS	Short Term	19,250,000
Municipality of Maco, Construction of Level III PWS	Medium Term	133,287,068
Municipality of Maco, Improvement of Water System	Short Term	39,500,000
Municipality of Mabini, Improvement of Water System Level 3	Short Term	90,000,000
Municipality of Montevista, Construction of Taglake PWS	Medium Term	1,500,000
Municipality of Montevista, Rehabilitation of PWS	Short Term	8,700,000
Municipality of Montevista, Upgrading of Water System	Short Term	3,500,000
Municipality of Nabunturan, Construction of PWS	Short Term	9,000,000
Municipality of Pantukan, Construction of Level II PWS	Medium Term	73,000,000
Municipality of New Bataan, Rehabilitation of Various Water System	Short Term	10,000,000
3 Construction of rain water ponds	Short Term	11,000,000
4 Establishment of Water Quality Testing Laboratory	Short Term	-
5 Expansion of PWS Level 2 Municipality of Laak	Short Term	500,000
6 Greening projects/ Reforestation	Short Term	20,000,000
7 Inventory and assessment of capacities of all WSPs in the province (Water Districts, Waters Service Coops/Associations, LGU-run)	Short Term	5,000,000
8 Livelihood Projects for the IPs ( relevant to watershed/forest protection and management)	Short Term	20,000,000
9 Monitoring of water quality and compliance to applicable laws	Short Term	5,000,000
10 Provision of funds for Repair of Water System Level 1,2,3 at Municipality of Mabini	Short Term	3,000,000
11 Rain Water Harvesting in HHs, schools, government facilities	Short Term	20,000,000
12 Training for WSPs, LGUs and other stakeholders	Short Term	22,000,000
13 Provision of water infrastructures	Short Term	781,540,000
14 Construction of Water System	Short Term	9,000,000
15 Construction of Water System Level 2	Medium Term	73,000,000
16 Construction of Taglake PWS	Short Term	1,500,000
17 Construction of PWS Level 2	Short Term	3,126,160
18 Construction of Potable Water System Level 2	Medium Term	19,250,000
19 Construction of Level 3 Water System	Medium Term	133,287,068
20 Rehabilitation of Various Water System	Short Term	10,000,000

## Compostela Valley

Water	Timeline	Budget Requirement (PHP)
1 Assessment and mapping of water sources	Short Term	20,000,000
2 Potable Water System projects in various municipalities:		414,817,992
Municipality of Laak, Completion of Level II PWS	Short Term	1,550,000
Municipality of Laak, Construction of Level II PWS	Medium Term	3,126,160
Municipality of Laak, Improvement of Level II PWS	Short Term	16,000,000
Municipality of Laak, Improvement of Level II PWS	Short Term	5,500,000
Municipality of Laak, Rehabilitation of Level II PWS	Short Term	504,764
Municipality of Laak, Upgrading of Level II PWS	Short Term	400,000
Municipality of Maco, Construction of Level II PWS	Short Term	19,250,000
Municipality of Maco, Construction of Level III PWS	Medium Term	133,287,068
Municipality of Maco, Improvement of Water System	Short Term	39,500,000
Municipality of Mabini, Improvement of Water System Level 3	Short Term	90,000,000
Municipality of Montevista, Construction of Taglake PWS	Medium Term	1,500,000
Municipality of Montevista, Rehabilitation of PWS	Short Term	8,700,000
Municipality of Montevista, Upgrading of Water System	Short Term	3,500,000
Municipality of Nabunturan, Construction of PWS	Short Term	9,000,000
Municipality of Pantukan, Construction of Level II PWS	Medium Term	73,000,000
Municipality of New Bataan, Rehabilitation of Various Water System	Short Term	10,000,000
3 Construction of rain water ponds	Short Term	11,000,000
4 Establishment of Water Quality Testing Laboratory	Short Term	-
5 Expansion of PWS Level 2 Municipality of Laak	Short Term	500,000
6 Greening projects/ Reforestation	Short Term	20,000,000
7 Inventory and assessment of capacities of all WSPs in the province (Water Districts, Waters Service Coops/Associations, LGU-run)	Short Term	5,000,000
8 Livelihood Projects for the IPs ( relevant to watershed/forest protection and management)	Short Term	20,000,000
9 Monitoring of water quality and compliance to applicable laws	Short Term	5,000,000
10 Provision of funds for Repair of Water System Level 1,2,3 at Municipality of Mabini	Short Term	3,000,000
11 Rain Water Harvesting in HHs, schools, government facilities	Short Term	20,000,000
12 Training for WSPs, LGUs and other stakeholders	Short Term	22,000,000
13 Provision of water infrastructures	Short Term	781,540,000
14 Construction of Water System	Short Term	9,000,000
15 Construction of Water System Level 2	Medium Term	73,000,000
16 Construction of Taglake PWS	Short Term	1,500,000
17 Construction of PWS Level 2	Short Term	3,126,160
18 Construction of Potable Water System Level 2	Medium Term	19,250,000
19 Construction of Level 3 Water System	Medium Term	133,287,068
20 Rehabilitation of Various Water System	Short Term	10,000,000
21 Rehabilitation of PWS	Short Term	8,700,000
22 Rehabilitation of PWS Level 2	Short Term	504,764
23 Improvement of Water System	Long Term	39,500,000
24 Improvement of PWS Level 2	Short Term	5,500,000
25 Improvement of PWS Level 2	Medium Term	16,000,000
26 Improvement of Water System Level 3	Medium Term	90,000,000
27 Upgrading of PWS Level 2	Short Term	400,000
28 Upgrading of Water System	Medium Term	3,500,000
29 Completion of PWS Level 2	Short Term	1,550,000
<b>Total</b>		<b>1,737,675,984.00</b>

## Compostela Valley (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Intensive IEC	Short Term	5,000,000
2 Constuction of sanitation facilities and establishments:		357,804,000
Septage Treatment Plants in seven (7) identified clusters	Short Term	239,010,000
Municipality of Maco, Construction of Drainage Canal	Short Term	48,150,000
Municipality of Compostela, Day Care Center Toilet Facilities	Short Term	12,232,000
Municipality of Compostela, Construction of School Toilet Facilities	Medium Term	33,250,000
Municipality of Compostela, Construction of Health Center Toilet Facilities	Medium Term	4,726,000
Municipality of Compostela, Construction of Public Cemetery Toilet Facilities	Medium Term	6,672,000
Municipality of Compostela, Construction of Public Market Toilet Facilities	Medium Term	1,112,000
Municipality of Compostela, Construction of Public Market Treatment Facility	Medium Term	1,600,000
Municipality of Compostela, Construction of Public Playground/Parks Toilet Facilities	Medium Term	9,452,000
Municipality of Compostela, Construction of Slaughterhouse Treatment Facility	Medium Term	1,600,000
3 Concreting of Drainage Line Canal at Municipality of Maco	Short Term	2,730,000
4 Development of Sanitary Landfill at Municipality of New Bataan	Medium Term	10,000,000
5 Establishment of Sanitary Landfill at Municipality of Mabini	Long Term	1,380,000
6 Municipal Public Cemetery Development at Municipality of New Bataan	Medium Term	15,000,000
7 Provision of Sanitary Toilet Bowls for 11 Barangays at Municipality of Mabini	Short Term	3,300,000
8 Transfer and Development of Barangay Cemetery at Municipality of New Bataan	Short Term	10,000,000
9 Trainings on Sanitation	Short Term	-
10 Inspection and Monitoring Activities	Medium Term	-
11 Basic Sanitation Program	Short Term	987,400,000
<b>Total</b>		<b>1,392,614,000.00</b>

## Davao City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 Organize and train BAWASA officers and maintenance personnel		-
2 Implementation and Commissioning of Tamugan Surface Water Development Project		-
3 Conduct Geo-Resistivity Survey of Water Source		-
4 Conduct periodic monitoring and treatment of water system		-
5 Commissioning of Nano-Filtration Treatment		-
6 Require wastes water treatment/management to projects, activities and other development that pose danger to the city's water resources.		-
7 Monitoring of environmental sanitation concerns		-
8 Conduct training/ intervention for employees		-
9 Hiring of additional workforce		-
10 Water Development Ordinance	Short Term	400,000,000
<b>Total</b>		<b>400,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Enact Water Development and Management Ordinance for Davao City		4,000,000
2 Monitoring of environmental sanitation concerns		4,000,000
3 Conduct training/ intervention and capacity building for employees		4,000,000
4 Hiring of additional workforce		4,000,000
5 Davao City Septage Treatment Facility	Long Term	350,000
<b>Total</b>		<b>16,350,000.00</b>

## Davao del Norte

Water		Timeline	Budget Requirement (PHP)
1	Additional Bulk Water Supplies, Installation of Transmission and Distribution Pipelines, Water Storage Facilities	Short Term	400,000,000
2	Upland Reforestration, Project Riverbank Rehabilitation Project, Greening Project, Cave Management Project, Mangrove Rehabilitation	Short Term	70,000,000
3	Potable Water System projects in various municipalities:		1,309,375,000
	Municipality of Asuncion, Construction of PWS	Short Term	600,000
	Island Garden City of Samal, Construction of PWS	Short Term	5,125,000
	Island Garden City of Samal, Improvement of PWS	Short Term	4,250,000
	Island Garden City of Samal, Rehabilitation of PWS	Short Term	2,050,000
	Municipality of San Isidro, Construction of PWS	Short Term	1,200,000
	Panabo City, Construction of PWS	Short Term	3,600,000
	Panabo City, Improvement of PWS	Short Term	1,300,000
	Tagum City, Installation of PWS	Short Term	1,250,000
	Construction of Water Supply Systems among areas with no existing PWS	Short Term	700,000,000
	Improvement and upgrading of existing Water Supply Facilities	Short Term	590,000,000
4	Formulation of Provincial Comprehensive Water Resource Development Plan	Short Term	6,520,000
5	Trainings		10,000,000
6	Water Development Ordinance		400,000,000
7	Establishment of Local Water Resources Monitoring Committee Training on Community Led Total Sanitation	Short Term	20,000,000
		<b>Total</b>	<b>2,215,895,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Trainings on community-led total sanitation (e.g. M&E)	Long Term	200,000
2	Establishment of Septage Treatment Plants in identified clusters:		322,000,000
	Sto Tomas/Carmen/BE Dujali	Short Term	71,000,000
	Tagum City	Short Term	82,000,000
	IgaCos	Short Term	33,000,000
	Panabo City	Short Term	58,000,000
	Asuncion/New Corella/San Isidro	Short Term	45,000,000
	KapaLong Term/Talaingod	Short Term	33,000,000
3	Establishment of Sewerage Facility		3,360,000,000
	Tagum City	Short Term	1,500,000,000
	IgaCos	Short Term	660,000,000
	Panabo City	Short Term	1,200,000,000
4	Septage Management Program	Short Term	50,000,000
5	Sewerage Management Program	Short Term	50,000,000
6	FS Preparation	Short Term	50,000,000
7	Tri-Media and Social Media	Short Term	100,000
		<b>Total</b>	<b>3,832,300,000.00</b>

## Davao Occidental

Water	Timeline	Budget Requirement (PHP)
1 Establishment of Local Water Resources Monitoring Committee		-
2 Training on Community Led Total Sanitation	Short Term	20,000,000
3 Reforestation and rehabilitation thru Environmental Projects		-
4 Information Education Campaign/Radio Plugging		200,000,000
5 Construction of Water laboratory testing center		-
6 Patrolling thru IP's and Forest Protection Officers under Local and National government agency		-
7 Construction of Level II safe water source in the 5 municipalities		200,000,000
8 Construction of Level III safe water source in the 5 municipalities		300,000,000
9 Construction of Water Treatment Facility in the 5 municipalities		500,000,000
<b>Total</b>		<b>1,220,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Community Survey	Medium Term	4,000,000
2 Construction of 5 clustered STPs in each municipalities	Medium Term	100,000,000
3 Information Education Campaign	Medium Term	3,000,000
4 Piloting workable sanitation	Short Term	20,000,000
<b>Total</b>		<b>127,000,000.00</b>

## Davao Oriental

Water	Timeline	Budget Requirement (PHP)
1 Construction of level 1 PWS	Short Term	318,234,000
2 Construction of level 2 PWS	Short Term	318,234,000
3 Construction of level 3 PWS	Medium Term	381,880,800
4 Provision of Water Quality Monitoring Equipment	Medium Term	381,880,800
<b>Total</b>		<b>1,400,229,600.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of Sanitary Toilets	Short Term	244,730,000
2 Construction of Septic Tanks	Short Term	395,530,000
3 Development of Clustered Septage and Sewerage System	Short Term	186,800,000
4 Establishment of Engineered Wet Lands	Short Term	2,090,000
<b>Total</b>		<b>829,150,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Establishment of Project Development and Management and Resource Generation Center	Short Term	8,504,685
2 Project Feasibility Study Formulation	Short Term	944,965
3 WatSan Capacity Enhancement Project	Short Term	11,339,580
<b>Total</b>		<b>20,789,230</b>

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Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Cotabato (North Cotabato)	-	91,590,000	854,280,000	945,870,000	374,595
South Cotabato	246,000,000	-	-	246,000,000	247,765
General Santos City (HUC)	-	-	-	-	171,873
Sultan Kudarat	64,700,000	116,411,000	-	181,111,000	206,059
Sarangani	-	-	-	-	138,994
Cotabato City	1,170,746,000	91,420,000	-	1,262,166,000	77,788
<b>Total</b>	<b>1,481,446,000.00</b>	<b>299,421,000.00</b>	<b>854,280,000.00</b>	<b>2,635,147,000.00</b>	<b>1,217,074</b>

## Cotabato (North Cotabato)

Sanitation	Timeline	Budget Requirement (PHP)
1 Metro Cotabato WD Cluster Septage Mgmt. Project Phases 1 & 2 (Phase 1 covering Cotabato City and Phase 2 covering Datu Odin Sinsuat and Sultan Kudarat)	Long Term	420,000
2 Septage treatment plant; Entering on memorandum of agreement between stakeholders	Long Term	91,000,000
3 Conduct of Orientation on CLTS	Short Term	120,000
4 Intensification of IEC Program	Short Term	50,000
<b>Total</b>		<b>91,590,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Conduct orientation/ briefing on PWSH program to city & municipalities; Formulate local WASH plans	Short Term	280,000
2 Installation of water distribution lines & household connections; Conduct of massive IEC; Delineation of critical areas on ground for reforestation and rehabilitation; Crafting of ordinance; Construction and operation of septage treatment facility; Conduct of researches for water supply and sanitation	Long Term	64,000,000
3 Conduct of researches for water supply and sanitation	Short Term	40,000,000
4 Formulation of cotabato city drainage master development plan; Formulation of five year water efficiency and public information program; Tapping a new source of water.	Short Term	750,000,000
<b>Total</b>		<b>854,280,000.00</b>

## South Cotabato

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water Supply Systems (Level I and II) in rural areas	Medium Term	60,000,000
2 Provision of financial & material assistance to barangay water system projects	Medium Term	160,000,000
3 Construction/ Expansion of Waterworks System (Level III) in all barangays	Medium Term	10,000,000
4 Construction Water Analysis and Testing Center/Laboratory; Procurement of additional laboratory facilities	Short Term	15,000,000
5 Installation of drinking fountains in public parks, markets and terminals	Short Term	1,000,000
6 Creation and operationalization of Local Drinking Water Quality Monitoring Committee	Short Term	-
7 Creation and Operationalization of the RWSPDR Council	Long Term	-
8 Creation of plantilla positions and hiring of personnel for water analysis services	Short Term	-
9 Re-organization and capacity development of BAWASA officers and personnel (i.e. management & maintenance)	Short Term	-
10 Conduct of tree growing activities; Development of Eco-friendly open spaces; Adopt-a-Watershed Project	Long Term	-
11 Conduct of water conservation advocacy orientations/symposia activities in every barangay	Long Term	-
<b>Total</b>		<b>246,000,000.00</b>



## South Cotabato

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water Supply Systems (Level I and II) in rural areas	Medium Term	60,000,000
2 Provision of financial & material assistance to barangay water system projects	Medium Term	160,000,000
3 Construction/ Expansion of Waterworks System (Level III) in all barangays	Medium Term	10,000,000
4 Construction Water Analysis and Testing Center/Laboratory; Procurement of additional laboratory facilities	Short Term	15,000,000
5 Installation of drinking fountains in public parks, markets and terminals	Short Term	1,000,000
6 Creation and operationalization of Local Drinking Water Quality Monitoring Committee	Short Term	-
7 Creation and Operationalization of the RWSPDR Council	Long Term	-
8 Creation of plantilla positions and hiring of personnel for water analysis services	Short Term	-
9 Re-organization and capacity development of BAWASA officers and personnel (i.e. management & maintenance)	Short Term	-
10 Conduct of tree growing activities; Development of Eco-friendly open spaces; Adopt-a-Watershed Project	Long Term	-
11 Conduct of water conservation advocacy orientations/symposia activities in every barangay	Long Term	-
<b>Total</b>		<b>246,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 IEC Advocacy	Short Term	-
2 Construction of wastewater treatment facilities in every city/municipal public markets	Short Term	-
3 Construction of Septage Treatment facilities in the City of Koronadal, Polomolok and Surallah	Medium Term	-
4 Conduct of IEC symposia in every barangay (including proper design of septic tanks)	Medium Term	-
<b>Total</b>		<b>-</b>

## General Santos City (HUC)

Water	Timeline	Budget Requirement (PHP)
1 Formulation of water safety plan and technical evaluation of existing water distribution networks of RWSAs.	Short Term	-
<b>Total</b>		<b>-</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Reactivation of SWMB to cover the waste water management issues.	Short Term	-
2 Formulation of TOR for EMB grant fund for septage FS (updating).	Short Term	-
<b>Total</b>		<b>-</b>

Both	Timeline	Budget Requirement (PHP)
1 Creation of TWG (CPDO, CMO IBA, WMO, CHO, GSCWD and USAID-SURGE)	Short Term	-
2 Distribution of promotional materials.	Short Term	-
3 PMS (Pre Membership Seminar), consultative meetings, RWSAs annual summit.	Short Term	-
<b>Total</b>		<b>-</b>



## Sultan Kudarat

Water	Timeline	Budget Requirement (PHP)
1 Expansion of Level III Water System, Poblacion, Pres. Quirino	Medium Term	12,000,000
2 Water Source Development	Medium Term	13,000,000
3 Installation of Water System Level III, Barangays Upper Katungal & Baras, Tacurong City	Short Term	12,000,000
4 Establishment of Level II Water System, Province-wide	Short Term	-
5 Repair/ Rehab of Level II Water System, Provincewide	Short Term	-
6 Construction of Level II Water System, Kabulnan, Bagumbayan	Medium Term	12,000,000
7 Installation/Construction/Repair		7,200,000
a) Level I Water System	Short Term	3,600,000
b) Level II Water	Short Term	3,600,000
8 Construction of Provincial Water Analysis Laboratory (Bacteriological Test)	Short Term	2,000,000
9 Pipeline Expansion Project on Bambad ,Isulan	Short Term	6,500,000
<b>Total</b>		<b>64,700,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Establishment of Mechanized Septage Project	Medium Term	100,000,000
2 Construction of Sanitary toilet (water sealed)	Short Term	1,200,000
3 Procurement of Concrete Toilet Bowl	Short Term	6,339,000
4 Construction of Handwashing Facility - Public Elementary	Short Term	630,000
5 Construction of Handwashing Facility - Public Highschool	Short Term	630,000
6 Construction of Handwashing Facility - Day Care Centers	Short Term	900,000
7 Construction of Genderized Concrete Comfort Room (Elem. School)	Short Term	1,932,000
8 Construction of Genderized Concrete Comfort Room (Highschool)	Short Term	1,932,000
9 Construction of Genderized Concrete Comfort Room (Day Care Centers)	Short Term	2,848,000
<b>Total</b>		<b>116,411,000.00</b>

## Cotabato City

Water	Timeline	Budget Requirement (PHP)
1 Salintubig- Preparation of plans, design, documents and permits	Short Term	10,000,000
2 Expansion of Pipe Laying Projects- Biddings & Procurement	Long Term	50,000,000
3 Replacement of Pipe laying projects	Long Term	150,000,000
4 Formulation of Cotabato City Drainage Master Development Plan	Short Term	50,000,000
5 Formulation of five year water efficiency and public information program	Medium Term	500,000,000
6 Tapping a new source of water	Short Term	200,000,000
7 Metro Cotabato WD Expansion (New Source)	Medium Term	746,000
8 Preparation of plans, design, documents and permits	Short Term	10,000,000
9 Expansion of pipe laying projects	Long Term	50,000,000
10 Replacement of pipe laying projects	Long Term	150,000,000
<b>Total</b>		<b>1,170,746,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Septage Treatment Plant- Entering on memorandum of agreement between stakeholders	Medium Term	91,000,000
2 Metro Cotabato WD Cluster Septage Mgmt. Project Phases 1 & 2 (Phase 1 covering Cotabato City and Phase 2 covering Datu Odin Sinsuat and Sultan Kudarat)	Long Term	420,000
<b>Total</b>		<b>91,420,000.00</b>

## Caraga

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Agusan del Norte	2,142,410,000	2,620,000,000	-	4,762,410,000	89,258
Agusan del Sur	883,600,000	803,000,000	41,500,000	1,728,100,000	168,605
Dinagat Islands	29,700,000	170,600,000	-	200,300,000	28,743
Surigao del Norte	368,850,000	110,300,000	-	479,150,000	122,195
Surigao del Sur	4,172,951,000	1,059,220,000	-	5,232,171,000	139,843
Butuan City	-	-	-	-	85,266
<b>Total</b>	<b>7,597,511,000.00</b>	<b>4,763,120,000.00</b>	<b>41,500,000.00</b>	<b>12,402,131,000.00</b>	<b>633,910</b>

## Agusan del Norte

Water	Timeline	Budget Requirement (PHP)
1 Construction of Water Supply Systems in Various Barangays in Butuan City	Medium Term	43,000,000
2 Cabadbaran City Centralized Water Supply System	Long Term	2,099,410,000
3 Conduct Seminars/ trainings/ Workshops/ Consultation/ IEC to potential partners	Short Term	-
4 Formulation of Agusan del Norte Sustainable Water Resource Management Plan	Short Term	-
5 Training, Workshops, Seminars on research and development	Short Term	-
6 Upgrading of existing water service providers (facilities, coverage, water quality)	Short Term	-
7 Installation of RAM Pumps	Short Term	-
8 Reforestation/ Protection of watersheds	Short Term	-
9 Identification and Development of alternative sources of water	Short Term	-
<b>Total</b>		<b>2,142,410,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Butuan City Septage Management Program	Long Term	120,000,000
2 Butuan City Sewerage System	Long Term	2,500,000,000
3 Conduct study on the contribution of water quality in the increasing number of cancer related diseases	Short Term	-
4 Hiring of Additional Sanitary Inspectors	Short Term	-
5 Capacity development treatment facility operators	Short Term	-
6 Monitoring of Desludgers	Short Term	-
7 Conduct feasibility study on the efficient and effective treatment facility for every cluster	Short Term	-
8 Establishment of Septage Treatment Facility (3 clusters)	Long Term	-
9 Provision of Treatment reagents	Short Term	-
10 Provision of toilet bowl with construction materials	Short Term	-
<b>Total</b>		<b>2,620,000,000.0000</b>

## Agusan del Sur

Water	Timeline	Budget Requirement (PHP)
1 Upgrading of Prov'l Water Laboratory	Long Term	1,000,000
2 Conduct Exploration/Assessment of New Water Sources	Long Term	2,000,000
3 Spring Development/Upgrading	Short Term	30,000,000
4 Installation of Rain Collector/Harvester	Long Term	22,500,000
5 Construction/Rehabilitation of Upgraded Biosand Filter Facilities (Level II)	Long Term	100,000,000
6 Expansion / Upgrading of Water District and BAWASA Services/Facilities	Long Term	720,000,000
7 Patin-ay Water System Project	Long Term	7,350,000
8 FS Preparation of Proposed Infra Facilities	Short Term	750,000
9 Create/ Institutionalize Local Drinking Water Monitoring Committee	Short Term	-
<b>Total</b>		<b>883,600,000.00</b>

## Agusan del Sur (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 FS Preparation of Proposed Septage Treatment Plants	Long Term	3,000,000
2 Septage Treatment Plant in 5 clusters	Long Term	230,000,000
Esperanza, San Luis and Talacogon		-
Bayugan and Sibagat		-
San Francisco and Prosperidad		-
Loreto, La Paz, Sta. Josefa and Veruela		-
Rosario, Bunawan, and Trento		-
3 Construction of Improved Sanitary Toilet	Medium Term	570,000,000
<b>Total</b>		<b>803,000,000.0000</b>

Both	Timeline	Budget Requirement (PHP)
1 Formulation of Provincial Water Supply and Sanitation Master Plan	Short Term	2,000,000
2 Formulation of City/Municipal Water Supply and Sanitation Master Plan	Short Term	21,000,000
3 Review/ Formulate Water and Sanitation Code	Short Term	500,000
4 Organize and Strengthen Water and Sanitation Unit	Medium Term	18,000,000
<b>Total</b>		<b>41,500,000.00</b>

## Dinagat Islands

Water	Timeline	Budget Requirement (PHP)
1 Creation of Task Force Watershed Inventory, Assessment, and Survey	Short Term	2,000,000
2 Conduct of IEC Advocacy	Medium Term	100,000
3 Conduct research and study on water utilization of Del Pilar Dam and other major water sources	Short Term	150,000
4 Conduct Study on development of spring water resources	Short Term	150,000
5 Determination of volume and capacity	Short Term	-
6 Conduct of Research and Exploration on Potential Sources of Water Supply (Surface Water and Groundwater) for the Provincewide	Long Term	1,000,000
7 Establishment of rainwater collection facility in island and coastal barangays	Long Term	15,000,000
8 Sourcing out of funds from private and public institutions	Long Term	1,000,000
9 Enforcement of watershed management policies	Medium Term	5,000,000
10 Compliance of regulatory requirements on water system management	Medium Term	150,000
11 Conduct of Capacity Development trainings on proposal preparation, management of water system	Short Term	5,000,000
12 Enhance skills and capacities of LGUs in managing water system	Short Term	150,000
13 Sourcing out of funds from private and public institutions	Medium Term	-
<b>Total</b>		<b>29,700,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Construction of sanitary facilities in identified tourism sites	Long Term	5,000,000
2 Construction of STP (2 Clusters)	Long Term	150,000,000
3 Procurement of desludger equipment	Short Term	15,000,000
4 Crafting and Implementation of ordinance on water sealed septic tank	Short Term	-
5 Organizational management of STP operation	Medium Term	250,000
6 IEC Advocacy on the importance of Sanitation	Medium Term	-
7 Conduct of Community LED Total Sanitation	Medium Term	100,000
8 Facilitate the Construction of Toilet Facility	Medium Term	100,000
9 Conduct of training for toilet bowl fabrication	Short Term	150,000
<b>Total</b>		<b>170,600,000.00</b>

## Surigao del Norte

Water	Timeline	Budget Requirement (PHP)
1 Construction of Satellite Reservoirs	Long Term	30,000,000
2 Deepwell Projects in Surigao City: 10 UNITS	Long Term	60,000,000
3 Establishment of rain-water harvesting facilities(Provincewide)	Long Term	5,000,000
4 Formulation of Feasibility Study for Bulk Water Supply 10,000 cubic meter per day	Short Term	300,000
5 Installation of Water Treatment Facility-Chlorination System in the Municipalities/Barangays of Bacuag, Claver, Gigaquit	Long Term	2,000,000
6 New Source intake with pipeline at Brgy. Jubgan, San Francisco	Long Term	100,000,000
7 New Source intake with pipeline at Siargao Island	Long Term	15,000,000
8 New Source intake with pipeline at Brgy. Mabini, Surigao City	Long Term	6,200,000
9 Pipelaying and Deep well development source for Arellano District	Long Term	10,000,000
10 Purchase of Laboratory Equipment for Water monitoring	Short Term	1,000,000
11 Rehabilitation of Water System at the Municipalities of Bacuag, Alegria, Gigaquit, Claver	Long Term	15,000,000
12 Site Development & Construction of 20 MLD CLARIFIER System with Online Analyzer at Don Julio Ouano Ceniza Reservoir, Surigao City	Long Term	35,000,000
13 Site Development and Construction of Water Treatment Plant for Iron and Manganese removal	Long Term	50,000,000
14 General Check-Up, Inspection and Maintenance of all generator sets and pumps, / Calibration of all equipment, meters and others needed in the operation such as: Flowmeters , Laboratory, equipment etc. / Inventory of all asset in the District	Annually	300,000
15 Update the use of EPANET, GIS and SCADA for water system	Annually	350,000
16 Acquisition of Water Truck, Water Drums and containers / Acquisition of Disaster Response Equipments	Short Term	11,500,000
17 Site Development and Construction of Building Facility for Disaster Response	Short Term	5,000,000
18 Establishment of TESDA accredited Testing Center for Plumbing	Short Term	250,000
19 Orientation / Seminar on PD1067- Water Code of the Philippines for Municipal LGUs	Short Term	950,000
20 Information , Education and Campaign for IP's, Socio- Civic Organizations	Short Term	500,000
21 Reforestation in the Watershed area/ Slope Protection in the Watershed area	Annually	2,000,000
22 Upgrading the water system from level II to level III of Rural areas (Arellano Districts, or Island Barangays areas)	Medium Term	15,000,000
23 Establishment of rain-water harvesting facilities(Siargao Island)	Long Term	3,500,000
<b>Total</b>		<b>368,850,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Conduct a Feasibility Study of the Surigao City coverage for the Septage Treatment Facility	Medium Term	300,000
2 Site Development & Establishment/Construction of Septage Treatment Facilities	Long Term	80,000,000
3 Strict Enforcement of Sanitation Laws and Regulations	Short Term	-
4 Formulation of Contingency Plans (re: Sanitation)	Short Term	-
5 Provisions of Portalets during disaster	Short Term	6,000,000
6 Training/ Benchmarking for the technical personnel including Sanitary Inspectors	Short Term	-
7 Provision of Sanitary Toilets for 13,440 HH's	Short Term	24,000,000
<b>Total</b>		<b>110,300,000.00</b>

## Surigao del Sur

Water		Timeline	Budget Requirement (PHP)
1	Construction of Rain Water Collectors	Long Term	13,000,000
2	Construction of Water Laboratories for Dstricts 1 and 2	Long Term	50,000,000
3	Construction of Water Supply Network/System for Tourism at Enchanted River covering San Juan, Tiwi, Dugmanon, Talisay, and Cambatong	Long Term	79,700,000
4	Construction of Water Supply System facilities (Infiltration Galleries and Treatment Facilities)	Long Term	530,000,000
5	Proposal Lake 77 for the Bislig City Water System	Long Term	750,870,000
6	Reforestation on existing Watersheds	Long Term	200,000,000
7	Spring Development Projects Level II	Long Term	302,441,000
8	Spring Development Project Level III	Long Term	2,183,170,000
9	Spring Development Project Level I	Short Term	63,770,000
		<b>Total</b>	<b>4,172,951,000.00</b>

Sanitation		Timeline	Budget Requirement (PHP)
1	Septage Management Project	Long Term	149,000,000
2	Provision of Toilet and Septic Tank	Short Term	902,220,000
3	Seminars, Trainings and Workshops CEPA	Short Term	8,000,000
		<b>Total</b>	<b>1,059,220,000.00</b>

# Autonomous Region in Muslim Mindanao

Provinces	Water	Sanitation	Both	Total	HH Beneficiaries (2022)
Basilan	3,375,000,000	1,657,060,000	-	5,032,060,000	72,584
Lanao del Sur	5,615,510,000	4,320,485,564	-	9,935,995,564	183,922
Maguindanao	2,089,503,100	6,952,670,050	12,800,000	9,054,973,150	229,281
Sulu	5,337,017,370	577,200,000	41,600,000	5,955,817,370	165,949
Tawi- Tawi	2,142,000,000	2,693,000,000	8,000,000	4,843,000,000	73,713
<b>Total</b>	<b>18,559,030,470.00</b>	<b>16,200,415,614.00</b>	<b>62,400,000.00</b>	<b>34,821,846,084.00</b>	<b>725,449</b>

## Basilan

Water	Timeline	Budget Requirement (PHP)
1 Feasibility Study of the Water Sources & Data Banking System of Basilan Water Supply	Short Term	75,000,000
2 Watershed Development:		120,000,000
Information-Education Campaign, Intervention with alleged Land Owners	Medium Term	30,000,000
Intervention with alleged Land Owners	Medium Term	30,000,000
Tree Planting/Reforestation	Medium Term	30,000,000
Monitoring & Maintenance	Medium Term	30,000,000
3 Provision of Water Infrastructure Water System Development Program	Medium Term	891,000,000
4 Rainwater harvesting in HH's, Schools & Government Facilities (Not for food and drinking)	Short Term	75,000,000
5 Procurement of Mobile Water Boat for island Municipalities	Short Term	297,000,000
6 Water Truck with mobile water treatment plant for mainland far flung areas without near water sources/Highlander & for emergency supply of water under calamity	Short Term	223,000,000
7 Ensuring 24/7 access to Potable and Safe water supply, Rehabilitation of dilapidated pipelines of Level III water supply	Short Term	120,000,000
8 Monitoring & Maintenance of access to safe & potable water supply	Short Term	55,000,000
9 Sustainability of Rural Water Supply Svstem / Creation of responsible bodies to maintain the water svstem	Short Term	75,000,000
10 Procurement of Laboratory Apparatus, equipment & reagent. To test the Mandatory Parameters based on PNSDW 2017	Short Term	50,000,000
11 Training for LGU & Stakeholders on Basic Chlorination and Maintenance of Water System	Short Term	24,000,000
12 Twinning and Benchmarking to successful water providers	Medium Term	24,000,000
13 Livelihood project for the IP's	Short Term	42,000,000
14 IEC's, Intervention with alleged Land Owners		30,000,000
15 Creation of taskforce to protect the watershed		30,000,000
16 Tree Planting/Reforestation		30,000,000
17 Monitoring & Maintenance		30,000,000
18 Water System Development Program		891,000,000
19 Rehabilitation of dilapidated pipelines of Level 3 water supply		120,000,000.00
20 Creation of responsible bodies to maintain the water system		75,000,000
21 Procurement of Laboratory Apparatus, equipment & reagent. To test the Mandatory Parameters based on PNSDW 2017		50,000,000
22 Training the laboratory staff		24,000,000
23 Training for LGU & Stakeholders on Basic Chlorination and Maintenance of Water System		24,000,000
<b>Total</b>		<b>3,375,000,000.00</b>

## Basilan (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Feasibility study of the sanitation facilities and technologies applicable in the province: Establishment of databanking system	Short Term	75,000,000
1 Feasibility study of the sanitation facilities and technologies applicable in the province: Establishment of databanking system	Short Term	75,000,000
2 Social Preparation on Sanitation : Information dissemination; Partner with religious group, DEPED and other NGO's; Develop informational and cultural sensitive material/ IEC's	Short Term	30,000,000
3 Targeting municipalities and barangays for ZOD by provision of Lactrine Bowl & Cem	Long Term	1,030,000,000
4 Construction of canals along the road; public septic tank, piping system, and communal toilet in public places for travellers	Long Term	6,380,000
4 Construction of canals along the road; public septic tank, piping system, and communal toilet in public places for travellers	Long Term	6,380,000
5 Regular Monitoring of current status per LGU's	Short Term	2,940,000
6 Septage Management: Construction of STP per cluster and LGU monitoring of septic tank	Medium Term	510,000,000
7 Training of personnel involved in sanitation program	Short Term	2,000,000
8 Info dissemination, partner with religious group, DEPED and other NGO's		-
9 Develop Information Material, cultural sensitive material/ IEC's		-
10 Provision of Lactrine Bowl & Cement		-
11 Construction of Public Septic Tank & Piping system		-
12 Construction of Communal Toilet in Public places for travellers		-
13 IEC's		-
14 Construction of STP per cluster		-
15 LGU Monitoring of septic tank		-
16 Twinning & Lakbay Aral on successful sanitation program		240,000
17 Sewerage Management: Construction of canals along the road	Short-Term	500,000
<b>Total</b>		<b>1,657,060,000.00</b>

## Lanao del Sur

Water	Timeline	Budget Requirement (PHP)
1 Assessment of Existing Marawi City WD Water System	Short Term	50,000,000
2 Construction of Pumping Station, Reservoir and Pipelines from Brgy. Bubonga Marawi to Buadi Sucayo to Sagonsongan	Long Term	50,000,000
3 Salintubig Program of 7 Barangays (Basak, Malutlut, East Basak, Luksa Datu, Marawi Poblacion, Mipaga, Sagonsongan)	Long Term	75,000,000
4 Water Access Supply to all Households in Lanao del Sur	Long Term	5,440,510,000
<b>Total</b>		<b>5,615,510,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Basic Sanitation Program for Lanao del Sur	Long Term	3,990,150,000
2 Septage Treatment Plant (STP) in 7 clusters of Lanao del Sur	Long Term	330,335,564
<b>Total</b>		<b>4,320,485,564.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Feasibility Study	Short Term	-
<b>Total</b>		<b>-</b>

## Maguindanao

Water	Timeline	Budget Requirement (PHP)
1 Level II Water System for health facilities	Short Term	350,000,000
2 Central Maguindanao Integrated Potable Water System Phase 2	Long Term	8,500,000
3 Construction of Modular Water Treatment Facility 8000CMD Capacity	Short Term	4,000,000
4 Pipeline Replacement Project along National Highway (Brgy. Tanuel - Brgy. Broce DOS)	Short Term	9,600,000
5 Construction of water system level II for:		1,717,403,100
Ampatuan	Long Term	38,440,000
Barira	Long Term	46,506,200
Buldon	Long Term	54,687,100
Buluan	Long Term	77,512,400
D.A.M.	Long Term	38,774,800
D.A.S.	Long Term	37,010,900
D.O.S.	Long Term	153,775,500
Datu Hoffer Ampatuan	Long Term	38,768,600
Datu Montawal	Long Term	53,971,000
Datu Paglas	Long Term	43,999,850
Datu Piang	Long Term	39,680,000
Datu Saudi Ampatuan	Long Term	40,961,850
Datu Unsay	Long Term	18,310,150
G.S.K.P.	Long Term	43,559,650
Guindulungan	Long Term	30,862,050
Kabuntalan	Long Term	26,777,800
Mamasapano	Long Term	38,440,000
Mangundadatu	Long Term	38,821,300
Matanog	Long Term	46,143,500
Pagalungan	Long Term	61,462,150
Paglat	Long Term	24,676,000
Pandag	Long Term	36,660,600
Parang	Long Term	138,250,700
Rajah Buayan	Long Term	36,660,600
Salibo	Long Term	23,167,850
Shariff Aguak	Long Term	49,122,600
Shariff Saydona	Long Term	30,775,250
South Upi	Long Term	63,670,900
S.S.B.	Long Term	34,758,750
Sultan Kudarat	Long Term	147,561,550
Sultan Mastura	Long Term	34,504,550
Talayan	Long Term	23,037,650
Talitay	Long Term	23,037,650
Upi	Long Term	83,053,650
<b>Total</b>		<b>2,089,503,100.00</b>



## Maguindanao (Continuation)

Sanitation	Timeline	Budget Requirement (PHP)
1 Provision of cash grant to municipal verified and certified as ZOD area with sanitation facilities and vest practices.	Short Term	750,000,000
2 Mobilization funds for monitoring and evaluation of sanitation programs	Short Term	-
3 Zero Open Defecation Program (ZODP)	Short Term	2,000,000,000
4 Community-Led Total Sanitation Hands-on Training	Short Term	7,000,000
5 Production of Information Education Campaign	Short Term	2,000,000
6 Provision of funds for the construction/installation of individual toilet facility	Short Term	1,500,000,000
7 Construction of communal sanitation facilities and toilets; and rehabilitation on existing communal toilets	Short Term	500,000,000
8 Construction of STPs for:		2,193,670,050
Ampatuan	Long Term	38,441,550
Barira	Long Term	38,441,550
Buldon	Long Term	46,506,200
Buluan	Long Term	54,687,100
D.A.M.	Long Term	77,512,400
D.A.S.	Long Term	38,774,800
D.O.S.	Long Term	37,010,900
Datu Hoffer	Long Term	153,775,500
Datu Montawal	Long Term	38,768,600
Datu Paglas	Long Term	-
Datu Piang	Long Term	439,998,500
Datu Salibo	Long Term	3,968,000
Datu Saudi	Long Term	23,167,850
Datu Unsay	Long Term	40,961,850
G.S.K.P.	Long Term	18,310,150
Guindulungan	Long Term	43,559,650
Kabuntalan	Long Term	308,620,500
Mamasapano	Long Term	26,777,800
Mangundadatu	Long Term	38,440,000
Matanog	Long Term	38,821,300
Pagalungan	Long Term	46,143,500
Paglat	Long Term	61,462,150
Pandag	Long Term	24,676,000
Parang	Long Term	36,660,600
Rajah Buayan	Long Term	138,250,700
Shariff Aguak	Long Term	36,660,600
Shariff Saydona	Long Term	49,122,600
SSB	Long Term	30,775,250
Sultan Kudarat	Long Term	34,758,750
Sultan Mastura	Long Term	147,561,550
Talayan	Long Term	34,504,550
Talitay	Long Term	46,549,600
	<b>Total</b>	<b>6,952,670,050.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Capacity Bulding	Short Term	8,000,000
2 Feasibility Study	Short Term	4,800,000
	<b>Total</b>	<b>12,800,000.00</b>

## Sulu

Water	Timeline	Budget Requirement (PHP)
1 Formulate Provincial/Municipal WASH Plan	Short Term	10,000,000
2 Create ordinance creating local WASH Council	Short Term	-
3 Capacity Development training Phase 1	Short Term	4,000,000
4 Capacity Development training Phase 2	Medium Term	8,000,000
5 Update Water Inventory and Assessment	Short Term	3,800,000
6 Conduct Watershed Inventory	Short Term	950,000
7 Tree Planting & Reforestation Phase 1	Short Term	4,000,000
8 Tree Planting & Reforestation Phase 2	Medium Term	8,000,000
9 Upgrading and Rehabilitation of Jolo Mainland Water District	Short Term	200,000,000
10 Construction of Level III Water System Phase 1	Short Term	438,783,333
11 Construction of Level III Water System Phase 2	Medium Term	877,566,667
12 Construction of Level II Water System Phase 3	Short Term	611,150,000
13 Construction of Level II Water System Phase 4	Medium Term	1,222,300,000
14 Provision of Desalination for island municipalities	Short Term	450,000,000
15 Construction Water analysis laboratory & Equipment	Short Term	20,000,000
16 Development of FS and hiring of consultant	Short Term	10,000,000
17 Construction of ferro-cement rain water collector w/ filtration Phase 1	Short Term	235,862,630
18 Construction of ferro-cement rain water collector w/ filtration Phase 2	Medium Term	471,725,260
19 Develop IEC Materials	Short Term	1,752,110
20 FGD with communities	Short Term	1,000,000
21 Negotiate with land owners & elders		-
22 FGD with local officials and community Phase 1	Short Term	187,200,000
23 FGD with local officials and community Phase 2	Medium Term	93,600,000
24 Organization of Barangay Water and Sanitation Association (BWSA)	Short Term	2,850,000
25 Rain Water management: Construction of ferrocement rain water collector w / filtration	Medium Term	471,725,260
26 Enforceement of EnvironmentalLaws: Develop IEC Materials	Short Term	1,752,110
27 Enforceement of EnvironmentalLaws:FGD with communities	Short Term	1,000,000
<b>Total</b>		<b>5,337,017,370.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Implementation ofCommunity Led-Total Sanitation:		341,200,000
Construction of design septic tank for coastal areas	Short Term	154,000,000
Focus Group Discussion with local officials and community	Short Term	187,200,000
Provision of toilet bowls and septic tank	Short Term	3,603,600,000
2 Construction of Clustered Septage	Short Term	236,000,000
3 Hiring of Sanitary Inspectors		-
4 Hiring of Sanitary Inspectors		-
5 Construction of Clustered Septage		
6 Implementation ofCommunity Led-TotalSanitation: Provision of toilet bowls and septic tank		-
7 Implementation ofCommunity Led-TotalSanitation: Construction of design septic tank for coastal areas		-
8 Implementation ofCommunity Led-TotalSanitation: FGD with local officials and community		-
<b>Total</b>		<b>577,200,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Capacity Development training	Medium Term	8,000,000
2 Hiring of water & sanitary specialist	Medium Term	4,800,000
3 Hiring of Sanitary Inspectors	Medium Term	28,800,000
<b>Total</b>		<b>41,600,000.00</b>

## Tawi-Tawi

Water	Timeline	Budget Requirement (PHP)
1 Identify all Water sources. Including Rain Water (Harvesting in HHs, schools, government facilities); Assessment and mapping of water sources; Conduct FS and Training of PWSST; Establishment of Water Treatment Plants and Water Quality Testing Laboratory.	Short Term	1,980,000,000
2 Training for WSPs, ILGUs and other stakeholders	Short Term	87,000,000
3 Monitoring of water quality and compliance to applicable laws	Short Term	25,000,000
4 Livelihood Projects for the IPs j relevant to watershed/forest protection and management)	Short Term	20,000,000
5 Organize a Monitoring Team	Short Term	30,000,000
<b>Total</b>		<b>2,142,000,000.00</b>

Sanitation	Timeline	Budget Requirement (PHP)
1 Conduct of survey on sanitation facilitiesand practices	Short Term	82,000,000
2 Intensive IEC on Intensive IEC on Social Mobilization Focused Group Discussion/ Tri-Media	Short Term	45,000,000
3 Social Mobilization		-
4 Focused Group Discussion/ Tri-Media		-
5 Trainings on Sanitation	Short Term	60,000,000
6 Inspection and Monitoring Activities	Short Term	135,000,000
7 Construction of STP's in 11 identified clusters.	Short Term	820,000,000
8 Construction of Sanitation facilities.		1,551,000,000
<b>Total</b>		<b>2,693,000,000.00</b>

Both	Timeline	Budget Requirement (PHP)
1 Capacity Development training	Medium Term	8,000,000
<b>Total</b>		<b>8,000,000.00</b>

