



ENGINEERING AND CONSTRUCTION DEPARTMENT
2022 CAPITAL IMPROVEMENT PROJECTS
PROJECT PROCUREMENT MANAGEMENT PLAN

MONTHLY ACCOMPLISHMENT REPORT
(DECEMBER 2022)

PROJECT TITLE / PARTICULARS		DURATION (IN DAYS)	TOTAL PROJECT APPROPRIATION (PhP)	2022 BUDGETARY REQUIREMENT (PhP)- [ABC]	2022 CASH REQUIREMENT (PhP)	MODE OF IMPLEMENTATION	PROJECT IMPLEMENTATION		REMARKS
							DATE START	DATE END	
ADB-LOAN PROGRAM									
ADB-01	MAINLINE REPLACEMENT PROGRAM (PHASE II-ADB)	1227	582,533,937.27	553,204,209.00	74,592,081.34	BY CONTRACT	01-Sep-22	10-Jan-26	On June 02, 2022 the POW have been submitted to LWUA while the bid documents for this project has been submitted to LWUA on July 27, 2022 for review. However, with the new set of Board of Directors and Management, in November 2022, the ZCWD issued a board resolution by way of <i>Ad Referendum</i> for mutually rescission of the Financial Assistance Contracts dated July 14, 2022, entered into between ZCWD and LWUA. Hence, these projects will not be implemented.
ADB-01.2	WATER DISTRIBUTION NETWORK EXPANSION AND IMPROVEMENT PROGRAM	420	151,076,222.68	143,469,756.00	20,395,290.00	BY CONTRACT	01-Sep-22	26-Oct-23	
ADB-02	PROPOSED REHABILITATION AND EXPANSION OF ZCWD SEWER SERVICE AREA	270	28,431,484.00	27,000,000.00	4,050,000.00	BY CONTRACT	01-Sep-22	29-May-23	
ADB-03	PROPOSED DESIGN, BUILD, TESTING AND COMMISSIONING OF TREATMENT FACILITY	365	122,810,058.56	16,579,358.03	16,579,358.03	BY CONTRACT	01-Sep-22	01-Sep-23	
	ZCWD-EQUITY IN LWUA-ADB LOAN				13,272,775.00				
	TOTAL		884,851,702.51	740,253,323.03	128,889,504.37				

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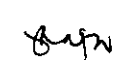
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PROJECT TITLE / PARTICULARS		DURATION (IN DAYS)	TOTAL PROJECT APPROPRIATION (PnP)	2022 BUDGETARY REQUIREMENT (PnP)- [ABC]	2022 CASH REQUIREMENT (PnP)	MODE OF IMPLEMENTATION	PROJECT IMPLEMENTATION		REMARKS
							DATE START	DATE END	
FACILITIES REHABILITATION AND IMPROVEMENT									
FRI-01	PROPOSED DESIGN, BUILD, TESTING & COMMISSIONING OF 4,000 CU.M. PER DAY SEWAGE AND SEPTAGE TREATMENT PLANT	610	174,711,307.31	176,300,000.00	66,892,111.99	BY CONTRACT	01-Mar-22	01-Nov-23	After the failure of bid on September 22, 2022, the end user conducted the mandatory review and a coordination meeting with the BAC TWG-II to discuss and modify the Performance Specs as per observations/comments. The mandatory review containing the proposed revision in the <i>Performance Specifications & Parameters</i> as well as the no adjustment in ABC/project cost were presented in November 29, 2022 board meeting and the same were approved. Hence, the project is for rebidding with the same ABC & revised performance specifications & parameter. On Dec. 05, 2022, the <i>Performance Specs</i> e-copy has been forwarded to the concerned signatories for final review & approval. As of the end of 2022, the Performance Specs is still for approval.
FRI-01a	ONE (1) UNIT SERVICE VEHICLE (PICKUP TYPE)		1,571,888.01	1,571,888.01	1,571,888.01	BY CONTRACT	02-Nov-22	02-Nov-22	Awaiting for the documents requested from the concerned units: 2022 APP - requested from BAC on July 21, 2022; List of Inventory of Vehicles was requested from the Admin Group on July 11, 2022;
FRI-01b	ONE (1) BRAND NEW 2000-L 4-WHEELER DESLUDGING TRUCK		2,000,000.00	2,000,000.00	2,000,000.00	BY CONTRACT	02-Nov-22	02-Nov-22	The authority to Purchase this vehicle will be processed in 2023 since the SSTP project procurement has failed during the last bidding.
FRI-02	PROPOSED LABORATORY RENOVATION AT ZCWD PASONANCA WATER TREATMENT PLANT	150	4,638,103.45	4,533,746.12	4,638,103.45	BY CONTRACT	15-Jun-22	12-Nov-22	1st failure of bid was declared on May 17, 2022 and forwarded to TSG for the mandatory review. The Acting GM approved the revised Detailed Estimates & the Technical Specifications as a result of the mandatory review on October 06, 2022 with a remark that "bidding should commence only upon approval of the BOD" while waiting for the new set of BOD. On October 28, 2022, the TSG submitted Agenda Brief to present the said project and seek for BOD's approval to commence with the procurement. However, the Agenda Brief was scheduled to present in November 29, 2022 board meeting. The adjustment in ABC/project cost and the mode of implementation have been approved by the BOD. The project documents is scheduled to be submitted for rebidding in January 2023.
TOTAL			182,921,298.77	180,833,746.12	75,102,103.45				

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PROJECT TITLE / PARTICULARS		DURATION (IN DAYS)	TOTAL PROJECT APPROPRIATION (PhP)	2022 BUDGETARY REQUIREMENT (PhP) [ABC]	2022 CASH REQUIREMENT (PhP)	MODE OF IMPLEMENTATION	PROJECT IMPLEMENTATION		REMARKS
							DATE START	DATE END	
NRW REDUCTION PROGRAM									
NRW-01	MAINLINE REPLACEMENT PROGRAM (DMA - PUEBLO) - Phase 1	220	19,959,327.70	19,510,242.70	7,925,277.65	BY ADMIN	16-Mar-22	22-Oct-22	Ongoing project implementation at Tomas Claudio with 100 pipes laid; Accomplished 1,145.3 ln.m. and 385.06 sq.m. of Asphalt/Concrete Cutting and Asphalt/Concrete Removal at Tomas Claudio, respectively; With 976.8 ln.m. of concrete restoration and 220 ln.m. of asphalt restoration at Nuñez Extension; 28.18% Accomplished as of December 31, 2022; Some of the submitted purchase requisitions of project materials were successfully delivered and awarded. However, some are for rebid due to bid failure.
NRW-02	MAINLINE REPLACEMENT PROGRAM (DMA - PUEBLO) - Phase 2	500	60,040,672.30	58,840,672.30	8,525,557.36	BY CONTRACT	01-Apr-22	14-Aug-23	Purchase Request has been submitted to AFMD on August 4, 2022; As of writing, the PR is still with AFMD. With the new set of BOD, in November 29, 2022 board meeting, this project has been presented for information and approval to proceed with the implementation by contract. TSG will be processing its Purchase Request in January 2023.
NRW-03	NRW REDUCTION PROGRAM		15,000,000.00	15,000,000.00	15,000,000.00	BY ADMIN			
TOTAL			95,000,000.00	93,350,915.00	31,450,835.01				
SDP DEVELOPMENT PROJECT									
SDP-01	CONSTRUCTION OF NEW CAHUMBAN WATER SYSTEM	342	76,000,000.00	76,000,000.00	69,333,333.33	AGENCY TO AGENCY W/ MOA			Last 16-December 2022, the last review of the EIS study was conducted together with the review committee and EMB Region 9; The final edited EIS report was submitted last 20-December 2022; Finally, the ECC permit was approved last 21-December 2022
TOTAL			76,000,000.00	76,000,000.00	69,333,333.33				
IMPROVEMENT AND REHABILITATION OF FACILITIES POWER SUPPLY									
IMP-04	SCADA FOR DMA PUEBLO	220	19,213,584.00	19,213,584.00	19,213,584.00	BY CONTRACT	01-Apr-22	07-Nov-22	This is not a priority project and this has been held in abeyance. Also, due to partnership project with Hiraya Water being identified by ADB to be the recipient of granting funds from the ADB to implement NRW reduction technology advancements in ZCWD network area and this pilot area is initially identified to be the DMA-Pueblo.
TOTAL			19,213,584.00	19,213,584.00	19,213,584.00				




PROJECT TITLE / PARTICULARS		DURATION (IN DAYS)	TOTAL PROJECT APPROPRIATION (PbP)	2022 BUDGETARY REQUIREMENT (PbP)- [ABC]	2022 CASH REQUIREMENT (PbP)	MODE OF IMPLEMENTATION	PROJECT IMPLEMENTATION		REMARKS
							DATE START	DATE END	
SERVICE AREA EXPANSION/CARRY-OVER PROJECTS									
FL-01	PROPOSED WATER SUPPLY FOR THE COVID-19 ISOLATION FACILITY AT ZAMBOECOZONE, BRGY. TALISAYAN	180	13,061,923.13	13,061,923.13	13,061,923.13	BY MOA WITH LGU	01-Jun-22	28-Nov-22	Approved POW has been forwarded to City Engineer's Office (CEO) on January 13, 2022 for review/ approval. As of writing, no feedback yet.
FL-02	PROPOSED WATER SUPPLY FOR THE COVID-19 ISOLATION FACILITY AT BRGY CABATANGAN	60	2,208,489.43	2,208,489.43	2,208,489.43	BY MOA WITH LGU	01-Jun-22	31-Jul-22	Approved POW has been forwarded to City Engineer's Office (CEO) on January 13, 2022 for review/ approval. As of writing, no feedback yet.
FL-03	FEEDERLINE AT LUYAHAN RIVERBANK, PASONANCA	60	543,748.00	543,748.00	108,374.62	BY ADMIN	03-Mar-22	02-May-22	Suspended; Remaining materials for purchase
FL-04	FEEDERLINE AT SAN RAMON PRISON AND PENAL FARM	75	1,055,045.89	509,094.35	218,884.46	BY ADMIN	03-Mar-22	17-May-22	Suspended; Remaining materials for purchase
FL-05	VARIOUS MATERIALS FOR THE 75MMØ FEEDERLINE AT CALIBATO, BARANGAY LAMISAHAN		161,562.68	161,562.68	161,562.68	BY ADMIN	03-Mar-22	03-Mar-22	Suspended; Remaining materials for purchase
FL-06	FEEDERLINE AT ORTEGA DRIVE, TETUAN PASSING THROUGH THE ASIA'S ACADEMY COMPOUND	30	234,632.31	234,632.31	14,662.25	BY ADMIN	03-Mar-22	02-Apr-22	COMPLETED; For payment of purchased materials
FL-07	FEEDERLINE AT MIRANDA DRIVE, STA. MARIA	40	338,834.08	338,834.08	179,789.04	BY ADMIN	03-Mar-22	12-Apr-22	COMPLETED; For payment of purchased materials
FL-08	FEEDERLINE FROM LUYAHAN PRODUCTION WELL TO BYPASS ROAD AND RELOCATION OF EXISTING CLUSTER CONNECTION	40	411,174.61	411,174.61	20,746.33	BY ADMIN	03-Mar-22	12-Apr-22	COMPLETED; For payment of purchased materials

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PROJECT TITLE / PARTICULARS		DURATION (IN DAYS)	TOTAL PROJECT APPROPRIATION (Php)	2022 BUDGETARY REQUIREMENT (Php)- [ABC]	2022 CASH REQUIREMENT (Php)	MODE OF IMPLEMENTATION	PROJECT IMPLEMENTATION		REMARKS
							DATE START	DATE END	
FL-10	PROPOSED FEEDERLINE AT PUROK-1, CABATANGAN (NEAR GMA TOWER)	30	400,223.68	400,223.68	400,223.68	BY ADMIN	04-Jul-22	03-Aug-22	With approved suspension of work effective 01-September 2022 due to unavailability of materials for the interconnection works near GMA Tower and pending turn-over of the main pipes; 88.29% Accomplished as of August 31, 2022 incorporating the approved Variation order No.2
TOTAL			18,415,633.81	17,869,682.27	16,374,655.62				
FOR PAYMENT / COMPLETION									
	BULK WATER TRANSMISSION PIPELINE PAYMENT ALLOCATION	365	630,000,000.00	147,958,690.10	147,958,690.10	BY CONTRACT			For payment
FP-03	PROPOSED IMPROVEMENT AND COMPLETION OF UNFINISHED WORKS ON TRANSMISSION PIPELINE PROJECT AT WEST COAST	249	14,857,036.06	14,857,036.06	14,857,036.06	BY CONTRACT			Data gathering was conducted on July 12, 2022. The updated POW has been completed. The proposed project will be scheduled to present to the BOD for deliberation and allocation of budget, further, this project is dependent on the withdrawal of the 89Million Term Loan 5 from Landbank. Awaiting for management's instruction to proceed with the procurement.
TOTAL			644,857,036.06	162,815,726.16	162,815,726.16				
QUARTERLY DISBURSEMENT*									
GRAND TOTAL			1,921,259,255.15	1,290,336,976.58	503,179,741.94				

Prepared by:

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Recommending Approval by:

MARLI P. COSTA DE-FIESTA
OIS AGM
Technical Services Group

ZAMBOANGA CITY WATER DISTRICT
Pilar St., Zamboanga City

ENGINEERING DEPARTMENT
MAINLINE EXPANSION & REHABILITATION DIVISION

PROGRESS STATUS REPORT AS OF
December 31, 2022

MAINLINE REPLACEMENT PROGRAM (LGU FUNDED) PHASE I
NS VALDEROSA ST., TOMAS CLAUDIO ST. & NUÑEZ STREET-NUÑEZ EXTENSION, ZAMBOANGA CITY
W.Q. No. 916

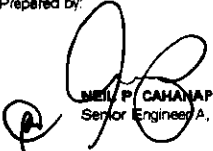
Approved Project Cost	:	Php	19,510,242.70
Revised Project Cost 1	:	Php	19,843,197.30
Revised Project Cost 2	:	Php	19,420,624.43
Project Duration	:	Two Hundred Twenty (220) Days	
Revised Project Duration 1	:	Two Hundred Fifty Seven (257) Days	
Revised Project Duration 2	:	Two Hundred Eighty Seven (287) Days	
Date Started	:	March 18, 2022	
Prop. Intended date of completion	:	October 21, 2022	
Revised Date of Completion 1 (VO1)	:	November 27, 2022	
Revised Date of Completion 2 (VO2)	:	December 27, 2023	
Revised Date of Completion 2 (RO1)	:	April 27, 2023	
Suspension Order #1	:	July 24, 2022	
Resumption Order #1	:	November 24, 2022	
Running days	:	149.80	
Projected Completion	:	38.22%	
Actual Completion	:	28.19%	
Variance	:	-10.03%	

SPL -	Particulars	Amount	% Perfected	Qty	Unit	TARGET	UNIT COST	ACCOMPLISHMENT			VALUE OF COMPLETED WORK	ACTUAL PHYSICAL ACCOMPLISHMENT	PERCENT AGE
								Previous	This Period	To Date			
SPL - 1	MOBILIZATION/DEMOLITION	Php 179,029.97	0.92185%	1.00	LOT	1.00	179,029.97	0.40	0.05	0.45	80,563.49	0.41%	45.00%
SPL - 2	TEMPORARY FACILITIES	Php 24,522.32	0.12827%	1.00	EACH	1.00	24,522.32	-	-	0.00	0.00	0.00%	0.00%
SPL - 3	CONSTRUCTION SAFETY & HEALTH PROGRAM	Php 18,491.19	0.09821%	1.00	LOT	1.00	18,491.19	0.40	0.05	0.45	8,321.04	0.04%	45.00%
SPL - 4	CONSTRUCTION PROJECT BILLBOARDS/ SIGNAGES	Php 7,284.90	0.03751%	1.00	LOT	1.00	7,284.90	1.00	-	1.00	7,284.90	0.04%	100.00%
	NS VALDEROSA STREET												
SPL - 5a	LAYOUTING/ LINE AND GRADE/POTHOLING	Php 1,451.34	0.00747%	1.00	LOT	1.00	1,451.34	-	-	0.00	0.00	0.00%	0.00%
SPL - 5b	ASPHALT CUTTING	Php 13,158.86	0.06776%	257.51	LN.M	257.51	51.10	-	-	0.00	0.00	0.00%	0.00%
SPL - 5c	CONCRETE CUTTING	Php 39,476.80	0.20327%	515.02	LN.M	515.02	76.65	-	-	0.00	0.00	0.00%	0.00%
101(4)b	REMOVAL OF EXISTING ASPHALT PAVEMENT	Php 28,481.38	0.14886%	257.51	SQ.M	257.51	110.80	-	-	0.00	0.00	0.00%	0.00%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php 42,722.79	0.21999%	257.51	SQ.M	257.51	165.91	-	-	0.00	0.00	0.00%	0.00%
103(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	Php 71,193.00	0.36858%	153.44	CU.M	153.44	463.97	-	-	0.00	0.00	0.00%	0.00%
SPL - 5d	PIPELINES & APPURTENANCES (200mmØ CLASS 150 PVC PIPELINE) WITH PARTIAL BACKFILLING	Php 379,207.60	1.95260%	257.51	LN.M	257.51	1,472.59	-	-	0.00	0.00	0.00%	0.00%
SPL - 5e	FITTING OF BENDS (200mmØ x 45° PVC BEND) W/ CONCRETE THRUST BLOCK	Php 12,292.57	0.06330%	2.00	PC	2.00	6,146.29	-	-	0.00	0.00	0.00%	0.00%
SPL - 5f	PIPELINE FLUSHING (200mmØ CLASS 150 PVC PIPELINE)	Php 5,117.04	0.02635%	257.51	LN.M	257.51	19.87	-	-	0.00	0.00	0.00%	0.00%
SPL - 5g	HYDRO-TESTING & DISINFECTION WORKS (200mmØ CLASS 150 PVC PIPELINE)	Php 9,901.01	0.05098%	257.51	LN.M	257.51	38.45	-	-	0.00	0.00	0.00%	0.00%
SPL - 5h	VALVES/FITTINGS/INTER-CONNECTION WORKS	Php 82,031.32	0.42238%	1.00	ASSY	1.00	82,031.32	-	-	0.00	0.00	0.00%	0.00%
SPL - 5i	INSTALLATION OF 76mm Ø FIRE HYDRANT WITH CONCRETE BARRICADE (Top on 200mmØ CLASS 150 PVC PIPELINE)	Php 70,326.00	0.36212%	1.00	UNIT	1.00	70,326.00	-	-	0.00	0.00	0.00%	0.00%
SPL - 5j	TRANSFER OF INDIVIDUAL SERVICELINE CONNECTION (Top on 200mmØ CLASS 150 PVC PIPELINE)	Php 82,898.37	0.42888%	12.00	UNIT	12.00	6,908.20	-	-	0.00	0.00	0.00%	0.00%
SPL - 5k	BACKFILLING OF NATIVE MATERIALS	Php 22,327.02	0.11497%	69.85	CU.M	69.85	319.62	-	-	0.00	0.00	0.00%	0.00%
201	AGGREGATE BASE COURSE	Php 44,416.40	0.22871%	41.91	CU.M	41.91	1,059.81	-	-	0.00	0.00	0.00%	0.00%
200	AGGREGATE SUBBASE COURSE	Php 34,212.62	0.17617%	40.56	CU.M	40.56	843.55	-	-	0.00	0.00	0.00%	0.00%
SPL - 5l	INSTALLATION OF DOWEL BAR FOR ITBMA ST1 RESTORATION	Php 27,799.31	0.14314%	435.80	KG	435.80	63.79	-	-	0.00	0.00	0.00%	0.00%
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	Php 331,436.36	1.70862%	59.23	CU.M	59.23	5,596.01	-	-	0.00	0.00	0.00%	0.00%
302a	BITUMINOUS TACK COAT (Emulsified Asphalt)	Php 13,654.41	0.07031%	0.18	M.T	0.18	75,749.68	-	-	0.00	0.00	0.00%	0.00%
310b	BITUMINOUS CONCRETE SURFACE COURSE (50 mm. Thk.)	Php 164,692.84	0.84803%	257.51	SQ.M	257.51	639.56	-	-	0.00	0.00	0.00%	0.00%
612 (1)	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKINGS (WHITE)	Php 20,460.04	0.10535%	19.31	SQ.M	19.31	1,059.38	-	-	0.00	0.00	0.00%	0.00%
	NUÑEZ STREET												
SPL - 6a	LAYOUTING/ LINE AND GRADE/POTHOLING	Php 12,428.83	0.06400%	1.00	LOT	1.00	12,428.83	1.00	-	1.00	12,428.83	0.06%	100.00%
SPL - 6b	ASPHALT CUTTING	Php 160,594.51	0.82693%	3,535.46	LN.M	3,535.46	45.42	3,535.46	-	3,535.46	160,594.51	0.83%	100.00%
SPL - 6c	CONCRETE CUTTING	Php 230,857.28	1.18872%	3,535.46	LN.M	3,535.46	65.30	3,535.46	-	3,535.46	230,857.28	1.19%	100.00%
101(4)b	REMOVAL OF EXISTING ASPHALT PAVEMENT	Php 184,013.58	0.94752%	1,663.73	SQ.M	1,663.73	110.60	1,425.72	-	1,425.72	157,688.95	0.81%	85.69%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php 276,024.94	1.42130%	1,663.73	SQ.M	1,663.73	165.91	1,425.72	-	1,425.72	236,537.35	1.22%	85.69%
103(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	Php 396,443.37	2.04135%	916.78	CU.M	916.78	432.43	599.34	-	599.34	259,171.63	1.33%	65.37%
SPL - 6d	PIPELINES & APPURTENANCES (200mmØ CLASS 150 PVC PIPELINE) WITH PARTIAL BACKFILLING	Php 1,567,559.76	8.07162%	1,067.62	LN.M	1,067.62	1,488.27	1,067.60	-	1,067.60	1,567,529.39	8.07%	100.00%
SPL - 6e	PIPELINES & APPURTENANCES (150mmØ CLASS 150 PVC PIPELINE) WITH PARTIAL BACKFILLING	Php 456,964.39	2.35299%	570.11	LN.M	570.11	801.54	6.00	-	6.00	4,609.22	0.02%	1.05%
SPL - 6f	FITTING OF BENDS (150mmØ x 45° PVC BEND) W/ CONCRETE THRUST BLOCK	Php 7,077.43	0.03644%	2.00	PC	2.00	3,538.72	-	-	0.00	0.00	0.00%	0.00%
SPL - 6g	FITTING OF BENDS (150mmØ x 22.5° PVC BEND) W/ CONCRETE THRUST BLOCK	Php 4,236.39	0.02181%	2.00	PC	2.00	2,118.20	-	-	0.00	0.00	0.00%	0.00%
SPL - 6h	FITTING OF BENDS (150mmØ x 11.25° PVC BEND) W/ CONCRETE THRUST BLOCK	Php 2,211.20	0.01139%	1.00	PC	1.00	2,211.20	-	-	0.00	0.00	0.00%	0.00%
SPL - 6i	DRAINAGE CROSSING WITH CONCRETE ENCASEMENT (150mmØ CLASS 150 PVC PIPELINE)	Php 15,335.90	0.07897%	2.80	LN.M	2.80	5,477.11	-	-	0.00	0.00	0.00%	0.00%
SPL - 6j	PIPELINE FLUSHING (150mmØ CLASS 150 PVC PIPELINE)	Php 6,429.22	0.03311%	570.11	LN.M	570.11	11.26	-	-	0.00	0.00	0.00%	0.00%
SPL - 6k	PIPELINE FLUSHING (200mmØ CLASS 150 PVC PIPELINE)	Php 21,214.89	0.10924%	1,067.62	LN.M	1,067.62	19.87	1,067.60	-	1,067.60	21,214.49	0.11%	100.00%
SPL - 6l	HYDRO-TESTING & DISINFECTION WORKS (150mmØ CLASS 150 PVC PIPELINE)	Php 8,773.28	0.04518%	570.11	LN.M	570.11	15.39	-	-	0.00	0.00	0.00%	0.00%
SPL - 6m	HYDRO-TESTING & DISINFECTION WORKS (200mmØ CLASS 150 PVC PIPELINE)	Php 16,998.29	0.08753%	1,067.62	LN.M	1,067.62	15.92	1,067.60	-	1,067.60	16,997.97	0.09%	100.00%
SPL - 6n	VALVES/FITTINGS/INTER-CONNECTION WORKS	Php 387,419.73	1.99489%	6.00	ASSY	6.00	64,569.96	-	-	0.00	0.00	0.00%	0.00%

SPL - 6o	INSTALLATION OF 75mm Ø FIRE HYDRANT WITH CONCRETE BARRICADE (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	70,326.00	0.36212%	1.00	UNIT	1.00	70,326.00	0.70		0.70	49,228.20	0.25%	70.00%
SPL - 6p	INSTALLATION OF 75mm Ø FIRE HYDRANT WITH CONCRETE BARRICADE (Tap on 150mmØ CLASS 150 PVC PIPELINE)	Php	122,014.22	0.62827%	2.00	UNIT	2.00	61,007.11	-		0.00	0.00	0.00%	0.00%
SPL - 6q	TRANSFER OF INDIVIDUAL SERVICE LINE CONNECTION (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	209,280.95	1.07762%	3' 00	UNIT	31.00	6,751.00	-		0.00	0.00	0.00%	0.00%
SPL - 6r	TRANSFER OF INDIVIDUAL SERVICE LINE CONNECTION (Tap on 150mmØ CLASS 150 PVC PIPELINE)	Php	194,129.58	0.99961%	3' 00	UNIT	31.00	6,262.24	-		0.00	0.00	0.00%	0.00%
SPL - 6s	CONSTRUCTION OF CLUSTER CONNECTION (Tap on 150mmØ CLASS 150 PVC PIPELINE)	Php	211,450.39	1.08879%	3.00	UNIT	3.00	70,483.46	-		0.00	0.00	0.00%	0.00%
SPL - 6t	CONSTRUCTION OF CLUSTER CONNECTION (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	175,249.73	0.90239%	2.00	UNIT	2.00	87,624.87	-		0.00	0.00	0.00%	0.00%
SPL - 6u	BACKFILLING OF NATIVE MATERIALS	Php	109,860.83	0.56569%	415.17	CU.M	415.17	264.62	251.93		251.93	66,666.53	0.34%	60.68%
201	AGGREGATE BASE COURSE	Php	270,307.69	1.39166%	255.05	CU.M	255.05	1,059.81	178.39		178.39	186,939.98	0.96%	69.16%
200	AGGREGATE SUBBASE COURSE	Php	208,209.91	1.07211%	246.83	CU.M	246.83	843.55	170.70		170.70	143,994.26	0.74%	69.16%
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	Php	2,141,331.81	11.02607%	382.66	CU.M	382.66	5,595.94	286.67	22.20	308.87	1,726,393.18	8.90%	80.72%
302a	BITUMINOUS TACK COAT (Emulsified Asphalt)	Php	95,107.44	0.48972%	1.16	M.T	1.16	81,664.56	0.68		0.68	55,531.90	0.29%	58.39%
310b	BITUMINOUS CONCRETE SURFACE COURSE (50 mm. Thk.)	Php	1,007,379.24	5.18716%	1,663.73	SQ.M	1,663.73	605.49	964.05		964.05	583,726.90	3.01%	57.95%
TOMAS CLAUDIO STREET														
SPL - 7a	LAYOUTING/ LINE AND GRADE/POTHOLING	Php	8,383.59	0.04317%	1.00	LOT	1.00	8,383.59	0.45		0.45	3,772.62	0.02%	45.00%
SPL - 7b	ASPHALT CUTTING	Php	135,136.21	0.69584%	2,975.00	LN.M	2,975.00	45.42	987.30		987.30	44,847.05	0.23%	33.19%
SPL - 7c	CONCRETE CUTTING	Php	202,704.31	1.04376%	2,975.00	LN.M	2,975.00	68.14	987.30		987.30	67,270.58	0.35%	33.19%
101(4)b	REMOVAL OF EXISTING ASPHALT PAVEMENT	Php	164,521.99	0.84715%	1,487.50	SQ.M	1,487.50	110.60	345.56		345.56	38,219.98	0.20%	23.23%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php	246,787.10	1.27075%	1,487.50	SQ.M	1,487.50	165.91	345.56		345.56	57,330.92	0.30%	23.23%
103(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	Php	383,292.18	1.97363%	886.36	CU.M	886.36	432.43	371.39		371.39	160,598.84	0.83%	41.90%
SPL - 7d	PIPELINES & APPURTENANCES (200mmØ CLASS 150 PVC PIPELINE) WITH PARTIAL BACKFILLING	Php	2,176,036.24	11.20477%	1,487.50	LN.M	1,487.50	1,462.88	526.53		526.53	770,251.00	3.97%	35.40%
SPL - 7e	FITTING OF BENDS (200mmØ x 22.5° PVC BEND) W/ CONCRETE THRUST BLOCK	Php	13,271.04	0.06833%	2.00	PCS	2.00	6,635.52	-		0.00	0.00	0.00%	0.00%
SPL - 7f	PIPELINES & APPURTENANCES (200mmØ G.I. Pipeline Bridge Crossing)	Php	168,550.32	0.86789%	26.64	LN.M	26.64	6,326.96	-		0.00	0.00	0.00%	0.00%
SPL - 7g	PAINTING WORKS (200mmØ G.I. Pipeline Bridge Crossing)	Php	7,705.92	0.03968%	16.74	SQ.M	16.74	460.37	-		0.00	0.00	0.00%	0.00%
SPL - 7h	DRAINAGE CROSSING WITH CONCRETE ENCASEMENT (200mmØ CLASS 150 PVC PIPELINE)	Php	442,278.37	2.27735%	23.30	LN.M	23.30	18,981.82	-		0.00	0.00	0.00%	0.00%
SPL - 7i	PIPELINE FLUSHING (200mmØ CLASS 150 PVC PIPELINE)	Php	30,087.77	0.15493%	1,514.14	LN.M	1,514.14	19.87	-		0.00	0.00	0.00%	0.00%
SPL - 7j	HYDRO-TESTING & DISINFECTION WORKS (200mmØ CLASS 150 PVC PIPELINE)	Php	21,033.81	0.10831%	1,514.14	LN.M	1,514.14	13.89	266.00		266.00	3,695.16	0.02%	17.57%
SPL - 7k	VALVES/FITTINGS/INTER-CONNECTION WORKS	Php	642,582.74	3.30876%	8.00	ASSY	8.00	80,322.84	-		0.00	0.00	0.00%	0.00%
SPL - 7l	INSTALLATION OF 75mm Ø FIRE HYDRANT WITH CONCRETE BARRICADE (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	136,897.37	0.70491%	2.00	UNIT	2.00	68,448.69	-		0.00	0.00	0.00%	0.00%
SPL - 7m	INSTALLATION OF 100mmØ BLOW-OFF ASSEMBLY (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	115,072.02	0.59252%	2.00	UNIT	2.00	57,536.01	-		0.00	0.00	0.00%	0.00%
SPL - 7n	INSTALLATION OF 50mm Ø AIR RELEASE ASSEMBLY (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	67,695.25	0.34857%	2.00	UNIT	2.00	33,847.63	-		0.00	0.00	0.00%	0.00%
SPL - 7o	TRANSFER OF INDIVIDUAL SERVICE LINE CONNECTION (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	507,391.61	2.61264%	76.00	UNIT	76.00	6,676.21	-		0.00	0.00	0.00%	0.00%
SPL - 7p	CONSTRUCTION OF CLUSTER CONNECTION (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	287,212.37	1.47890%	4.00	UNIT	4.00	71,803.09	-		0.00	0.00	0.00%	0.00%
SPL - 7q	BACKFILLING OF NATIVE MATERIALS	Php	106,776.55	0.54981%	403.51	CU.M	403.51	264.62	141.81		141.81	37,524.84	0.19%	35.14%
201	AGGREGATE BASE COURSE	Php	256,570.20	1.32112%	242.09	CU.M	242.09	1,059.81	17.52		17.52	18,562.58	0.10%	7.23%
200	AGGREGATE SUBBASE COURSE	Php	197,628.34	1.01762%	234.28	CU.M	234.28	843.55	16.95		16.95	14,298.20	0.07%	7.23%
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	Php	1,914,514.11	9.85815%	342.13	CU.M	342.13	5,595.95	-		0.00	0.00	0.00%	0.00%
302a	BITUMINOUS TACK COAT (Emulsified Asphalt)	Php	81,730.18	0.42084%	1.04	M.T	1.04	78,492.35	-		0.00	0.00	0.00%	0.00%
310b	BITUMINOUS CONCRETE SURFACE COURSE (50 mm. Thk.)	Php	900,570.09	4.63718%	1,487.50	SQ.M	1,487.50	605.43	-		0.00	0.00	0.00%	0.00%
VARIATION ORDER NO. 1														
NUNEZ STREET														
ADDITIVE														
SPL - 8a	LAYOUTING/ LINE AND GRADE/POTHOLING	Php	20,346.61	0.10477%	15.00	UNITS	15.00	1,356.44	8.00		8.00	10,851.53	0.06%	53.33%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php	3,784.34	0.01949%	22.81	SQ.M	22.81	165.91	22.81		22.81	3,784.34	0.02%	100.00%
103(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	Php	8,172.96	0.04208%	18.90	CU.M	18.90	432.43	18.90		18.90	8,172.96	0.04%	100.00%
EXTRA WORK														
SPL - 8v	STONE BREAKING	Php	13,632.80	0.07020%	82.17	SQ.M	82.17	165.91	82.17		82.17	13,632.80	0.07%	100.00%
SPL - 8w	RE-EXCAVATION WORKS	Php	267,018.09	1.47790%	663.73	CU.M	663.73	432.43	487.14		487.14	210,653.63	1.08%	73.39%
VARIATION ORDER 2														
NUNEZ STREET														
DEDUCTIVE														
SPL - 5b	ASPHALT CUTTING	Php	(27,708.80)	-0.14268%	610.00	LN.M	610.00	(45.42)	610.00		610.00	-27,708.80	-0.14%	100.00%
SPL - 5c	CONCRETE CUTTING	Php	(39,831.58)	-0.20510%	610.00	LN.M	610.00	(65.30)	610.00		610.00	-39,831.58	-0.21%	100.00%
101(4)b	REMOVAL OF EXISTING ASPHALT PAVEMENT	Php	(88,412.19)	-0.45525%	799.37	SQ.M	799.37	(110.60)	799.37		799.37	-88,411.64	-0.46%	100.00%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php	(132,820.49)	-0.68288%	799.37	SQ.M	799.37	(165.91)	799.37		799.37	-132,819.66	-0.68%	100.00%
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	Php	(1,009,549.71)	-5.19834%	180.40	CU.M	180.40	(5,596.17)	180.40		180.40	-1,009,549.71	-5.20%	100.00%
302a	BITUMINOUS TACK COAT (Emulsified Asphalt)	Php	(53,941.91)	-0.27776%	0.582	M.T	0.58	(92,683.69)	0.58		0.58	-53,941.91	-0.26%	100.00%
310b	BITUMINOUS CONCRETE SURFACE COURSE (50 mm. Thk.)	Php	(503,821.91)	-2.59426%	831.87	SQ.M	831.87	(605.65)	831.87		831.87	-503,821.91	-2.56%	100.00%
EXTRA WORKS														
SPL - 7e	FITTING OF BENDS (200mmØ x 22.5° PVC BEND) W/ CONCRETE THRUST BLOCK	Php	13,271.04	0.06833%	2.00	PCS	2.00	6,635.52	2.00		2.00	13,271.04	0.07%	100.00%
SPL - 7f	FITTING OF BENDS (200mmØ x 11.25° PVC BEND) W/ CONCRETE THRUST BLOCK	Php	65,452.05	0.33702%	10.00	PCS	10.00	6,545.21	8.00		8.00	52,361.64	0.27%	80.00%
SPL - 7h	DRAINAGE CROSSING WITH CONCRETE ENCASEMENT (200mmØ CLASS 150 PVC PIPELINE)	Php	31,542.49	0.16242%	3.20	LN.M	3.20	9,857.03	3.20		3.20	31,542.49	0.16%	100.00%
812(1)	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKINGS (WHITE)	Php	53,245.49	0.27417%	64.95	SQ.M	64.95	819.79	-		0.00	0.00	0.00%	0.00%
TOMAS CLAUDIO STREET														
ADDITIVE														
SPL - 7a	LAYOUTING/ LINE AND GRADE POTHOLING	Php	8,649.14	0.03424%	3.00	UNITS	3.00	2,216.38	3.00		3.00	6,649.14	0.03%	100.00%
SPL - 7b	ASPHALT CUTTING	Php	7,176.98	0.03696%	158.00	LN.M	158.00	45.42	158.00		158.00	7,176.98	0.04%	100.00%
SPL - 7c	CONCRETE CUTTING	Php	10,765.47	0.05433%	158.00	LN.M	158.00	68.14	158.00		158.00	10,765.47	0.06%	100.00%
101(4)b	REMOVAL OF EXISTING ASPHALT PAVEMENT	Php	4,368.82	0.02250%	39.50	SQ.M	39.50	110.60	39.50		39.50	4,368.82	0.02%	100.00%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php	6,563.34	0.03374%	39.50	SQ.M	39.50	165.91	39.50		39.50	6,563.34	0.03%	100.00%
103(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	Php	18,789.17	0.09675%	43.45	CU.M	43.45	432.43	43.45		43.45	18,789.17	0.10%	100.00%
SPL - 7d	PIPELINES & APPURTENANCES (200mmØ CLASS 150 PVC PIPELINE) WITH PARTIAL BACKFILLING	Php	132,716.92	0.68338%	79.00	LN.M	79.00	1,679.96	79.00		79.00	132,716.92	0.68%	100.00%
SPL - 7k	VALVES/FITTINGS/INTER-CONNECTION WORKS	Php	48,352.06	0.24897%	2.00	ASSY	2.00	24,176.03	-		0.00	0.00	0.00%	0.00%
SPL - 7l	TRANSFER OF INDIVIDUAL SERVICE LINE CONNECTION (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	38,824.79	0.19992%	4.00	UNITS	4.00	9,706.20	-		0.00	0.00	0.00%	0.00%
SPL - 7q	BACKFILLING OF NATIVE MATERIALS	Php	4,830.82	0.02487%	18.26	CU.M	18.26	264.62	18.26		18.26	4,830.82	0.02%	100.00%
201.00	AGGREGATE BASE COURSE	Php	14,923.98	0.07685%	14.08	CU.M	14.08	1,059.81	-		0.00	0.00	0.00%	0.00%
200.00	AGGREGATE SUBBASE COURSE	Php	11,495.50	0.05919%	13.63	CU.M	13.63	843.55	-		0.00	0.00	0.00%	0.00%
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	Php	50,990.96	0.26256%	9.09	CU.M	9.09	5,612.65	-		0.00	0.00	0.00%	0.00%

302a	BITUMINOUS TACK COAT (Emulsified Asphalt)	Php	12,911.08	0.06648%	0.03	M.T.	0.03	466,946.84	-	0.00	0.00	0.00%	0.00%
310b	BITUMINOUS CONCRETE SURFACE COURSE (50 mm. Thk.)	Php	29,006.13	0.14936%	39.50	SQ.M.	39.50	734.33	-	0.00	0.00	0.00%	0.00%
EXTRA WORKS													
612 (1)	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKINGS (WHITE)	Php	14,337.72	0.07383%	11.85	SQ.M.	11.85	1,209.93	-	0.00	0.00	0.00%	0.00%
GOV. CAMINS													
SPL - 6a	LAYOUTING/ LINE AND GRADE/POTHOLING	Php	8,613.30	0.04435%	3.00	UNITS	3.00	2,871.10	-	0.00	0.00	0.00%	0.00%
SPL - 6b	ASPHALT CUTTING	Php	17,942.45	0.09239%	395.00	LN.M.	395.00	45.42	-	0.00	0.00	0.00%	0.00%
SPL - 6c	CONCRETE CUTTING	Php	25,792.58	0.13281%	395.00	LN.M.	395.00	65.30	-	0.00	0.00	0.00%	0.00%
101(4)b	REMOVAL OF EXISTING ASPHALT PAVEMENT	Php	10,622.05	0.05624%	98.75	SQ.M.	98.75	110.60	-	0.00	0.00	0.00%	0.00%
101(4)a	REMOVAL OF EXISTING CONCRETE PAVEMENT	Php	16,383.35	0.08436%	98.75	SQ.M.	98.75	165.91	-	0.00	0.00	0.00%	0.00%
103(1)a	STRUCTURE EXCAVATION (COMMON SOIL)	Php	46,672.93	0.24187%	108.63	CU.M.	108.63	432.43	-	0.00	0.00	0.00%	0.00%
SPL - 6d	PIPELINES & APPURTENANCES (200mmØ CLASS 150 PVC PIPELINE) WITH PARTIAL BACKFILLING	Php	294,180.50	1.51484%	197.50	LN.M.	197.50	1,489.57	-	0.00	0.00	0.00%	0.00%
SPL - 6k	PIPELINE FLUSHING (200mmØ CLASS 150 PVC PIPELINE)	Php	567.38	0.00292%	197.50	LN.M.	197.50	2.87	-	0.00	0.00	0.00%	0.00%
SPL - 6m	HYDRO-TESTING & DISINFECTION WORKS (200mmØ CLASS 150 PVC PIPELINE)	Php	9,395.67	0.04838%	197.50	LN.M.	197.50	47.57	-	0.00	0.00	0.00%	0.00%
SPL - 6n	VALVES/FITTINGS/INTER-CONNECTION WORKS	Php	95,582.30	0.49114%	2.00	UNITS	2.00	47,691.15	-	0.00	0.00	0.00%	0.00%
SPL - 6g	TRANSFER OF INDIVIDUAL SERVICELINE CONNECTION (Tap on 200mmØ CLASS 150 PVC PIPELINE)	Php	24,852.61	0.12797%	3.00	UNITS	3.00	8,284.20	-	0.00	0.00	0.00%	0.00%
SPL - 6u	BACKFILLING OF NATIVE MATERIALS	Php	12,077.05	0.06219%	45.64	CU.M.	45.64	264.62	-	0.00	0.00	0.00%	0.00%
201.00	AGGREGATE BASE COURSE	Php	37,309.97	0.19212%	35.20	CU.M.	35.20	1,059.81	-	0.00	0.00	0.00%	0.00%
200.00	AGGREGATE SUBBASE COURSE	Php	28,738.75	0.14798%	34.07	CU.M.	34.07	843.55	-	0.00	0.00	0.00%	0.00%
311(1)a	PCC PAVEMENT(PLAIN) - CONVENTIONAL METHOD, 230MM THICK	Php	127,306.71	0.65562%	22.71	CU.M.	22.71	5,605.14	-	0.00	0.00	0.00%	0.00%
302a	BITUMINOUS TACK COAT (Emulsified Asphalt)	Php	13,113.10	0.06752%	0.07	M.T.	0.07	189,701.27	-	0.00	0.00	0.00%	0.00%
310b	BITUMINOUS CONCRETE SURFACE COURSE (50 mm. Thk.)	Php	60,736.29	0.31274%	98.75	SQ.M.	98.75	615.05	-	0.00	0.00	0.00%	0.00%
EXTRA WORKS													
612 (1)	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKINGS (WHITE)	Php	26,612.57	0.13806%	29.63	SQ.M.	29.63	905.07	-	0.00	0.00	0.00%	0.00%
TOTAL PROJECT COST													
		PHP	18,420,624.43	100.00000%								28.18%	

Prepared by:


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ZAMBOANGA CITY WATER DISTRICT
Pilar St., Zamboanga City

ENGINEERING DEPARTMENT
MAINLINE EXPANSION & REHABILITATION DIVISION

ACCOMPLISHMENT REPORT TABULATION
FOR NUNEZ ST.
As of December 31, 2022


DATE	PCCP Restoration Works, cu.m.	Pipelaying Works, In.m. (150mmØ)	Pipelaying Works, In.m. (200mmØ)	Pipeline Excavation Works, cu.m.	Partial Backfilling, cu.m.	Asphalt Cutting, In.m.	Concrete Cutting, In.m.	Aggregate Base Course (Item 201)	Aggregate Subbase Course (Item 200)	Re-excavation Works	Asphalt Breaking, sq.m.	Concrete Breaking, sq.m.	Pipeline Encasement, In.m.	Drainage Cossing, In.m.	Hydrotesting Works (200mm. Dia.)	200mm x 11.25 elbow, pcs	200mm x 22.5 elbow, pcs	Bituminous Tack Coat, m.t.	Bituminous Surface Course, sq.m. (50mm. Thk.)
12/19/2022																			
12/20/2022	2.99																		
12/21/2022	3.73																		
12/22/2022	3.34																		
12/23/2022																			
12/26/2022	2.76																		
12/27/2022																			
12/28/2022	3.57																		
12/29/2022	2.77																		
12/30/2022	3.05																		
TOTAL	22.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CUMMULATIVE	128.47	0.00	1067.50	599.34	251.93	3597.50	3597.50	176.39	170.70	487.14	1425.72	1425.72	3.20	3.20	1067.60	8.00	0.00	0.68	964.05

REMARKS: Dec. 19, 2022; Workers are assigned at Gov. Lim Project (Concrete Breaking, Excavation, Pipelaying and Partial Compaction Works).
Dec. 23, 2022; (TSG Christmas Party) Only 3 laborers were present. They performed housekeeping works and backfilling and compaction of depressed areas.
Dec. 27, 2022; Activities were stopped due to continues rain. Workers performed housekeeping works and backfilling and compaction of depressed areas.

Prepared by:


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Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU

Tugos, Balangasan, Pagadian City
Telephone No (062) 985-0429 Fax No (062) 985-0428
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December 21, 2022

ECC-R09-2212-0006

Ms. Marli P. Acosta-De Fiesta
OIC-Assistant General Manager
Technical Services Group
Zamboanga City Water District
Pilar Street, Zamboanga City

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear **Ms. Acosta-De Fiesta**:

This refers to the Environmental Compliance Certificate (ECC) application for the New Cahumban Water System Project located in Barangays Tolosa, Cacao, Lanzones, Guisao, and Culianan, Zamboanga City.

After satisfying the requirements of Presidential Decree No. 1586 and its Implementing Rules and Regulation, this Bureau has decided to grant an ECC for the above-mentioned project.

In this regard, the proponent is expected to fully implement the measures presented in the Environmental Impact Assessment (EIS), intended to protect and mitigate the project's predicted adverse impacts on community health, welfare, and the environment. Environmental considerations shall be incorporated in all phases and aspects of the project.

This certificate does not create any right nor can it be used as an authorization to implement or commence with the operation of the project. This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.


ENGR. ALEX D. JIMENEZ
Regional Director



Environmental Compliance Certificate
NEW CAHUMBAN WATER SYSTEM PROJECT
ZAMBOANGA CITY WATER DISTRICT





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ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree 1586)

ECC No. **ECC-R09-2212-0006**

THIS IS TO CERTIFY THAT THE PROPONENT, **Zamboanga City Water District**, represented by its OIC-Assistant General Manager of the Technical Services Group, **Ms. Marli P. Acosta-De-Fiesta**, is granted this Environmental Compliance Certificate (ECC) for the New Cahumban Water System Project located in Barangays Barangays Tolosa, Cacao, Lanzones, Guisao, and Culianan, Zamboanga City by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

SUBJECT to the conditions and restrictions set out herein labeled as Annexes A and B:

PROJECT DESCRIPTION

The ECC covers the construction and operation of the level III water supply project with a design capacity of 1,555.20 cubic meters per day to serve at least 1,867 households in eight (8) barangays, namely, (1) Tolosa; (2) Cacao; (3) Lanzones; (4) Buenakapok; (5) Guisao; (6) Salaan; (7) Lapakan; and (8) Cabahuay, Zamboanga City. The project consists of an (1) intake structure, comprising of perforated pipes, two (2) chambers, and an overflow/spillway, measuring 12m x 7m x 2.30m; and (2) distribution pipelines with a total length of 27,743 linear meters, located in Barangays Barangays Tolosa, Cacao, Lanzones, Guisao, and Culianan, Zamboanga City, geographically described as follows:

Intake structure:

	Latitude	Longitude
1	7°07'41.08" N	122°06'13.93" E
2	7°07'41.28" N	122°06'14.04" E
3	7°07'41.08" N	122°06'14.37" E
4	7°07'40.88" N	122°06'14.27" E

Distribution pipelines:

	Latitude	Longitude
1	7°07'40.83" N	122°06'14.17" E
2	7°08'03.22" N	122°07'00.81" E
3	7°07'28.58" N	122°07'12.62" E
4	7°06'28.04" N	122°07'13.40" E
5	7°05'19.10" N	122°07'26.50" E
6	7°04'16.65" N	122°08'09.21" E
7	7°01'43.57" N	122°07'36.94" E
8	6°59'07.48" N	122°09'05.36" E





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This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and its Implementing Rules and Regulations. Non-compliance with any of the provisions of this Certificate including the mitigating measures cited herein shall be a sufficient cause for its cancellation and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (P50,000.00) for every violation thereof without prejudice to the imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after issuance hereof.

Issued at EMB-R09, Tugas, Balangasan, Pagadian City this December 21, 2022.

Recommending Approval:

ENGR. WINNIE S. RAMOS

Chief, Clearance & Permitting Division

Approved:

ENGR. ALEX D. JIMENEZ
Regional Director






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SWORN ACCOUNTABILITY STATEMENT

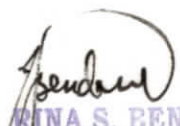
I, Ms. Marli P. Acosta-De Fiesta, OIC-Assistant General Manager, Technical Services Group, with office address located at Pilar Street, Zamboanga City, takes full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).


Ms. Marli P. Acosta-De Fiesta
Signature

TIN 928-621-322

Subscribed and sworn before me this 29 DEC 2022, 20__, the above-named affiant taking oath presenting _____ I.D. No. _____ issued on _____ at _____.

Doc. No. 09
Page No. 03
Book No. IV
Series of 2022


ATTY. RINA S. BENDAN
Notary Public
Notarial Commission No. 2022-0
Until 31 December 2023;
Roll No. 70486; 04 June 2018
IBP No. 183531; 01/03/2022; Pasig City
PTR No. 2330198; 12/29/2021; Z.C.
City of Zamboanga





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ANNEX A

I. ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, especially those contained in the Environmental Impact Assessment, particularly in the Environmental Management and Monitoring Plan (EMMoP), shall be instituted to minimize any adverse impact to the environment throughout the project implementation.

II. GENERAL CONDITIONS

1. An Environmental Officer (EO)/Pollution Control Officer (PCO) must be designated and secure accreditation at the EMB within six (6) months from the issuance of this certificate to handle environmental impact management related aspects of the project as specified in the Environmental Impact Management Plan (EIMP). The EO/PCO shall:
 - a. Monitor actual project impacts vis-à-vis the predicted impact and management measures in the IEE;
 - b. Submit semi-annually an ECC Compliance Monitoring Report (CMR) to EMB-IX, wherein each second or year-end report shows the summary of cumulative performance of Proponent against previous years' requirements and commitments;
2. The proponent shall submit an Abandonment Plan to the EMB-IX at least six months prior to the project's abandonment. The plan shall include rehabilitation measures/clean-up, remediation of areas affected by the project and proposed alternative projects in the area;
3. The proponent shall comply with all the provisions of RA 9275, the Philippine Clean Water Act of 2004 and its Implementing Rules and Regulations;
4. The proponent shall install and maintain air pollution control devices to minimize dust and gas emissions from different sources. Impose speed limit and conduct daily road watering. Likewise, the proponent shall ensure that emissions at all times comply with the DENR standards and with all the provisions of RA 8749, the Philippine Clean Air Act of 1999 and its Implementing Rules and Regulations;
5. The proponent shall install, operate, and maintain collection, handling, treatment, storage and disposal facilities or any system serving different sources of hazardous waste. The system shall be properly operated to ensure compliance with all the provisions of RA 6969, the Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 and its Implementing Rules and Regulations;





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6. The proponent shall install, operate and maintain collection, handling, treatment, storage and disposal facilities or any system serving different sources of solid waste. The system shall be properly operated to ensure compliance with all the provisions of RA 9003, the Ecological Solid Waste Management Act of 2000 and its Implementing Rules and Regulations;
7. Planting of appropriate tree species shall be undertaken in coordination with DENR in support to National Greening Program of the DENR to compensate for the loss of vegetation. Replacement of trees shall follow the following ratio: 50 trees for one (1) planted tree cut and 100 trees for one (1) naturally growing tree cut;
8. That the proponent shall allow free access of its premises anytime for the on-the-spot monitoring to be conducted by EMB-IX;
9. That the proponent shall submit a proof of commencement of the project (together with attached document/s, geotagged photos with time stamp, etc.) to EMB IX within sixty (60) days from the start of implementation;
10. All required permits / clearances shall be secured from other concerned government agencies prior to project operation;
11. Implement proper management of the construction materials, debris, and excavated materials for each phase/stage of the project including appropriate stockpiling, disposal or reuse of materials. Spoils shall be designated in a safe place away from drainage and runoff routes;
12. Excavated materials shall be properly stockpiled and properly disposed or reused. Excess soil materials shall not be deposited along areas traversed by runoff and away from waterways and valuable crops. The proponent shall identify stockpile sites (with geographical coordinates);
13. Portable toilets in the construction site shall be provided for workers and proper disposal of the generated domestic wastes shall be undertaken;
14. That during the construction phase, a wash area to clean the wheels of outgoing trucks must be provided to avoid dumping of dirt along the highway;
15. That in case roads will be affected by the pipe-laying activities, same shall be immediately restored to their original condition/state;
16. That noise, dust emission, and other forms of nuisance emitted during project implementation shall be isolated/adequately controlled within the project site;
17. That the project activities shall not adversely affect or endanger any public or private structures, real properties and flora/fauna within the surrounding vicinity of the project;





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III. RESTRICTIONS

18. No activities shall be undertaken other than what were stipulated in the EIS. Should there be any expansion of the project beyond the project description or any change in the activity or transfer of location shall be subject to a new Environmental Impact Assessment;
19. In case of transfer of ownership of this project, these same conditions and restrictions shall apply, and the transferee shall be required to notify the EMB Regional Office within fifteen (15) days from the transfer of ownership to allow the necessary changes brought about by such transfer;
20. This Certificate shall be considered not valid if the project has not commenced within the period of five (5) years from the issuance of the ECC or extension was not requested within three (3) months from the expiration of its validity;
21. The project shall not be allowed to commence if the tenurial instrument (Special Use Agreement in Protected Area) was not issued in favor of the proponent;
22. The EMB-IX reserves the right to cancel or withdraw this Certificate for any misrepresentation of facts vital to the issuance of this Certificate and any violation of the condition stipulated hereof; and
23. Pursuant to Section 9.0 of PD 1586, non-compliance with the provisions of this ECC shall be a sufficient cause for its cancellation or suspension and/or imposition of a fine in an amount not to exceed Fifty Thousand Peso (Php 50,000.00) per condition thereof.





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Annex B

PROJECT ASSESSMENT PLANNING TOOL

For the assistance and guidance of the Proponent and Government agencies concerned in the management of the Project and for better coordination in mitigation of the impacts of the Project on its surrounding areas and the environment, the following recommendations are forwarded to the parties and authorities concerned for appropriate action.

<i>Environmental Planning Recommendations and Regulatory Requirements for the Proponent</i>
Local Government Unit (LGU)
<ol style="list-style-type: none">1. The proponent shall give priority employment to qualified local residents. Adequate public information for jobs available to local residents in the affected areas shall be provided.2. The proponent shall comply with the Building Code and Sanitation Code of the Philippines.3. The proponent shall coordinate with the concerned LGU for the implementation of Solid Waste Management Plan.4. Develop a traffic management plan and coordinate for the traffic management in the area vis a vis the traffic impact assessment report to address the project's contribution to local traffic.5. The proponent shall coordinate with the Watershed Management Council of the LGU.6. The proponent shall coordinate with the concerned LGU to ensure system reliability and sustainable design for the project.
DENR-PENRO/CENRO
<ol style="list-style-type: none">7. The proponent shall secure tree cutting permit, if any.
DOLE - Bureau of Working Conditions
<ol style="list-style-type: none">8. The proponent shall comply with the Labor Code of the Philippines.9. Provide PPEs for the workers if their work requires so.10. Personnel and workers hired shall as much as possible be sourced locally or within the host community pursuant to Department Order 2021 Series of 2021.
DENR-Biodiversity Management Bureau
<ol style="list-style-type: none">11. The proponent shall comply with the Wildlife Resources and Conservation Act (RA 9147).
National Water Resources Board (NWRB)
<ol style="list-style-type: none">12. The proponent shall register with NWRB for the use of water for domestic purposes (<i>not more than 250-L/ capita/ day by single-household</i>) pursuant to the amended IRR of the Water Code of the Philippines.





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For the dissemination and proper action of the agencies concerned.

ENGR. WINNIE S. RAMOS
Chief, Clearance & Permitting Division

ENGR. ALEX D. JIMENEZ
Regional Director *

O.R. No. : 874964
Date : 11/18/2021
Processing Fee : P 10,030.00

