



TIAONG WATER DISTRICT

Brgy. Lalog, Tiaong, Quezon

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**APPROVED BUDGET
OF THE
TIAONG WATER DISTRICT
FOR THE CALENDAR YEAR
2016**

SUBMITTED BY:

ENGR. PERSEVERANDO T. ATIENZA
General Manager

BOARD ACTION


BOARD RESOLUTION	DATE	CHAIRMAN OF THE BOARD
BD. RES. NO. _____ S. OF 2016	_____	 FELIPE B. CICERON

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TIAONG WATER DISTRICT
Tiaong, Quezon
STATEMENT OF INCOME AND EXPENSES BUDGET
For the Year 2016

Business and Service Income:

Income from Waterworks System	P	35,756,000.00
Interest Income		17,000.00
Other Business Income		1,734,000.00
Fines and Penalties - Business Income		1,159,000.00
Total Business and Service Income	P	<u>38,666,000.00</u>

Less: Operating Expenses:

Operation Expenses:

Personal Services

Salaries and Wages - Regular	P	5,275,000.00
Salaries and Wages - Casual		560,000.00
Salaries and Wages - Contractual		564,000.00
Personal Economic Relief Allowance (PERA)		168,000.00
Additional Compensation (Adcom)		504,000.00
Representation Allowance		282,000.00
Transportation Allowance		282,000.00
Clothing and Uniform Allowance		160,000.00
Other Bonuses and Allowances		544,000.00
Honoraria (Directors Fees & Renumérations, Etc.)		675,000.00
Longevity Pay		14,000.00
Overtime and Night Pay		540,000.00
Cash Gift		160,000.00
Year End Bonus		973,000.00
Life and Retirement Insurance Contributions		700,000.00
Pag-ibig Contributions		38,400.00
Philhealth Contributions		65,000.00
ECC Contributions		38,400.00
Terminal Leave Benefits		698,000.00
Other Personnel Benefits		719,000.00
Total Personal Services	P	<u>12,959,800.00</u>

Other Operations Expenses

Traveling Expenses - Local	P	372,000.00
Traveling Expenses - Foreign		300,000.00
Training Expenses		844,000.00
Office Supplies Expense		212,000.00
Accountable Forms Expenses		81,000.00
Gasoline, Oil and Lubricants Expenses		215,000.00
Other Supplies Expenses		5,324,000.00
Electricity		240,000.00
Postage and Deliveries		16,500.00
Telephone Expenses - Landline		66,000.00
Telephone Expenses - Mobile		42,000.00
Cable, Satellite, Telegraph and Radio Expenses		32,400.00
Membership Dues and Contribution to Organization		27,000.00
Advertising Expenses		24,000.00
Rent Expenses		60,000.00
Representation Expenses		367,200.00
Transportation and Delivery Expenses		20,000.00
Subscription Expenses		7,200.00
Legal Services		36,000.00
Auditing Services		70,000.00
Security Services		570,000.00

Donations	60,000.00
Extra ordinary Expenses	72,000.00
Miscellaneous Expenses	26,400.00
Taxes Duties and Licenses	708,000.00
Fidelity Bond Premiums	60,000.00
Insurance Expenses	173,000.00
Bad Debts Expenses	24,000.00
Depreciation - Water System and Structures	1,800,000.00
Depreciation - Office Buildings	96,000.00
Depreciation - Office Equipment	72,000.00
Depreciation - Furniture and Fixtures	60,000.00
Depreciation - IT Equipment	72,000.00
Depreciation - Machinery	360,000.00
Depreciation - Motor Vehicles	300,000.00
Depreciation - Other Property, Plant and Equipment	480,000.00
Other Maintenance and Operating Expenses	222,000.00
Total Other Operation Expenses	P 13,511,700.00
Total Operation Expenses	P 26,471,500.00
<u>Maintenance Expenses:</u>	
Repairs and Maintenance - Water System and Structures	P 2,688,000.00
Repairs and Maintenance - Office Buildings	36,000.00
Repairs and Maintenance - Office Equipment	18,000.00
Repairs and Maintenance - Furniture and Fixtures	18,000.00
Repairs and Maintenance - IT Equipment	72,000.00
Repairs and Maintenance - Machinery	300,000.00
Repairs and Maintenance - Motor Vehicles	122,000.00
Repairs and Maintenance - Other Property, Plant and Equipment	474,000.00
Total Maintenance Expenses	P 3,728,000.00
Total Operation and Maintenance Expenses	P 30,199,500.00
Utility Operating Income	P 8,466,500.00
Financial Charges	
Interest Expenses	P 1,729,000.00
Net Income for the Period	P 6,737,500.00

* Note : 5% of Projected Expenses is allocated to Gender and Development (GAD) project of
Tiaong Water District (30,316,500.00) x 5% = P 1,515,825.00)

Prepared by:

IVY KRISTINE E. MANGUNDAYAO
Cashier D

Checked by:

WILFREDO L. MORALES
Sr. Acctg. Processor A

AUREA T. LINDO
Adm. Services Asst. A

ENGR. ANSELMO B. ADAME
Engineer B

Noted by:

ENGR. PERSEVERANDO T. ATIENZA
General Manager

TIAONG WATER DISTRICT
Tiaong, Quezon

CASH FLOW BUDGET
For the Year 2016

CASH RECEIPTS:

Generation, Transmission and Distribution Income	P 32,852,000.00
Previous Year's Arrears	970,000.00
Other Business and Service Income	1,734,000.00
Fines and Penalties - Business and Service Income	1,117,000.00
Interest Revenues	17,000.00
Loan Proceeds (LWUA)	2,000,000.00

Total Receipts

P 38,690,000.00

CASH DISBURSEMENTS

Personal Services	P 12,959,800.00
Maintenance and Other Operation Expenses	13,975,700.00
Debt Service	3,211,000.00
Capital Expenditures	10,653,000.00
Retention (ARDC)	337,800.00
Fund Reserves	201,000.00

Total Disbursements

P 41,338,300.00

Net Cash Inflow (Deficit)

P (2,648,300.00)

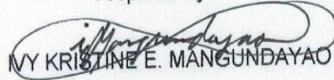
Add: Beginning Cash Balance (As of December 2015)

P 3,400,000.00

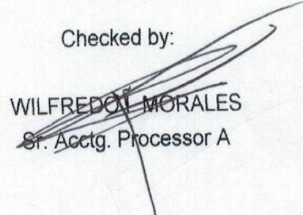
ENDING CASH BALANCE, As of December 31, 2015

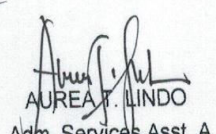
P 751,700.00

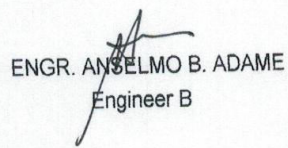
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MY KRISTINE E. MANGUNDAYAO
Cashier D

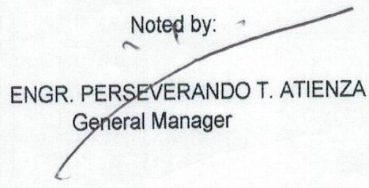
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General Manager

TIAONG WATER DISTRICT

Tiaong, Quezon

PROJECTED REVENUES-JUSTIFICATION OF ASSUMPTIONS

I. Projected Net Cash Receipts:

Receipts - These pertains to revenues to be generated from water sales and other sources of services.

Total Projected Annual Receipts		
Net Water Sales	32,483,640.00	
Net Water Sales - NSC Expansion Project	368,438.00	
Previous Year's Arrears	970,000.00	
Fines and Penalties	1,116,250.00	
Meter Rental	992,000.00	
Service Application Charges	452,400.00	
Sales of miscellaneous materials	151,000.00	
Reconnection Fee	138,600.00	
Interest Revenues	17,000.00	36,689,328.00
Total	Say	<u>P36,690,000.00</u>

II. Projected Disbursements

A. Personal Services

These pertains to salary and benefits of WD employees.

Total Projected Annual Personal Services **P12,959,800.00**

B. Maintenance and Other Operation Expenses

Other Operation Expenses 10,247,700.00
Maintenance Expenses 3,728,000.00

P13,975,700.00
Say P13,975,700.00

C. Debt Service

Lwua = 267,523.00 x 12 3,210,276.00
Landbank 3,210,276.00
Say P3,211,000.00

D. Retention (ARDC)

337800 **say P337,800.00**

E. Capital Expenditures

I. NEW EXPLORATORY WELL

1. New well hole w/ casing (P2,000,000.00) 500,000.00 (P1,500,000.00-Acct. Payable)
2. Electro-Mechanical Equipment 850,000.00
3. Pump House and Perimeter Fence 250,000.00
4. Interconnection 280,000.00 1,880,000.00

II. EXPANSION PROJECTS:

1. Brgy. San Jose & Behia 1,800,000.00
2. Brgy. Cabay to Del Rosario 1,700,000.00
3. Brgy. Tagbakin 1,200,000.00
4. Diversion Road - Brgy. Lusacan to Brgy. Lalog 1,800,000.00
5. New Service Connections (Meters) 348,000.00 6,848,000.00

III. CONSTRUCTION & IMPROVEMENTS

1. Motorpool Improvements 250,000.00
2. Office Improvements (Lump Sum) 150,000.00 400,000.00

IV. TOOLS / EQUIPMENTS

1. Drain Pump	30,000.00	
2. Plumbing Tools	10,000.00	
3. Concrete Demolition tools/Equipment	500,000.00	540,000.00

V. OFFICE EQUIPMENTS

1. Computers / Billing Programs	250,000.00	
2. Furnitures / Fixtures	35,000.00	285,000.00

VI. TRICYCLE

VII. WATER SAFETY PLAN (for DOH Compliance:2nd year lump sum)		600,000.00
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Total **10,653,000.00**
Say **10,653,000.00**

F. Reserves

Water Sales	35,750,000.00 x	3%	1,072,500.00	
Less: Balance of Lwua/WD Joint Account			<u>872,000.00</u>	<u>P200,500.00</u>
			Say	<u>P201,000.00</u>







**TIAONG WATER DISTRICT
PROJECTED REVENUES & CASH RECEIPTS
FOR THE YEAR 2016**

MO.	BILLED		AVE	WATER	CUR MO.	COLLECTIONS			PENALTY	RECON-	WATER	MISC.	OTHER	BULK	TOTAL	
	CONNECTION	BILL/	MO		70%	SUCCEEDING MO.			CHARGE	NECTION	METER	SERVICE	WATER		REVENUES	RECEIPTS
BEG	NEW			SALES		1st 15%	2nd 10%	TOTAL		FEE	RENTAL	REVENUE	REVENUES	SALES		
Dec'15	5,290															
Jan	5,348	58	525	2,777,250	1,944,075	0	0	1,944,075	111,090	11,550	62,640	37,700	11,600	0	3,011,830	2,178,655
Feb	5,406	58	525	2,807,700	1,965,390	416,588	0	2,381,978	112,308	11,550	62,640	37,700	11,600	0	3,043,498	2,617,776
Mar	5,464	58	525	2,838,150	1,986,705	421,155	277,725	2,685,585	113,526	11,550	62,640	37,700	11,600	0	3,075,166	2,922,601
Apr	5,522	58	525	2,868,600	2,008,020	425,723	280,770	2,714,513	114,744	11,550	62,640	37,700	11,600	0	3,106,834	2,952,747
May	5,580	58	525	2,899,050	2,029,335	430,290	283,815	2,743,440	115,962	11,550	62,640	37,700	11,600	0	3,138,502	2,982,892
Jun	5,638	58	525	2,929,500	2,050,650	434,858	286,860	2,772,368	117,180	11,550	62,640	37,700	11,600	0	3,170,170	3,013,038
Jul	5,696	58	525	2,959,950	2,071,965	439,425	289,905	2,801,295	118,398	11,550	62,640	37,700	11,600	0	3,201,838	3,043,183
Aug	5,754	58	525	2,990,400	2,093,280	443,993	292,950	2,830,223	119,616	11,550	62,640	37,700	11,600	0	3,233,506	3,073,329
Sep	5,812	58	525	3,020,850	2,114,595	448,560	295,995	2,859,150	120,834	11,550	62,640	37,700	11,600	0	3,265,174	3,103,474
Oct	5,870	58	525	3,051,300	2,135,910	453,128	299,040	2,888,078	122,052	11,550	62,640	37,700	11,600	0	3,296,842	3,133,620
Nov	5,928	58	525	3,081,750	2,157,225	457,695	302,085	2,917,005	123,270	11,550	62,640	37,700	11,600	0	3,328,510	3,163,765
Dec	5,986	58	525	3,112,200	2,178,540	462,263	305,130	2,945,933	124,488	11,550	62,640	37,700	11,600	0	3,360,178	3,193,911
TOTAL	696			35,336,700	24,735,690	4,833,675	2,914,275	32,483,640	1,413,468	138,600	751,680	452,400	139,200	0	38,232,048	35,378,988

Basic Assumptions

- As of December 31, 2015*, the total billed connections are 5,290 and it will increase by 58 monthly from January to December, 2016.
in Year 2016 the total new and additional billed connections are 696
- For the year 2016, the average bill is P525.00 per connection based on 21-30 cu. m. consumption per connection.
- Collection ratio projected is 95%; 70% on current month and 15% and 10% on the first and second months succeeding. The remaining 5% is assumed an increase in receivables accounts. Water sales in November and December 2015 is P2,756,250.00 and P2,777,250.00 respectively. Cash Receipts for November 2015 and December 2015 Arrears (Previous years) P275,625.00 and P694,312.50 respectively.
with a total of P969,937.50. Say P970,000.00
- Penalty charges are projected at based on Historical Penalty Billing, 5% of which is assumed to be uncollected
- Meter rental treated as income is P1,080.00 per new connection.
- Miscellaneous service revenues representing registration fee and other charges on the processing of new connections is projected at P650.00 per connection with 77 Service Connection to be reconnected/month @ P150.00/connection.
- Other water revenues consisting of labor charge, mark-up on water meter, materials and supplies are projected at P200.00 per new connection.
- Total projected revenues and cash receipts in 2016 is P38,232,048.00 and P35,378,988.00.00 respectively.
Collection of Water Bill is P32,483,640.00. Say 32,484,000.00





TIAONG WATER DISTRICT
PROJECTED REVENUES & CASH RECEIPTS FOR NEW CONNECTIONS FROM PIPELINE EXPANSION PROJECTS
FOR THE YEAR 2016

	BILLED		AVE		COLECTIONS					RECON-	WATER	MISC.	OTHER			
	CONNECTION		BILL/	WATER	CUR MO.	SUCCEEDING MO.			PENALTY	NECTION	METER	SERVICE	WATER	BULK	TOTAL	
MO.	BEG	NEW	MO	SALES	70%	1st 15%	2nd 10%	TOTAL	CHARGE	FEE	RENTAL	REVENUE	REVENUES	SALES	REVENUES	RECEIPTS
Dec'15	0															
Jan	20	20	312.50	0	0	0	0	0	0	0	20,000	0	1,000	0	21,000	21,000
Feb	40	20	312.50	6,250	4,375	0	0	4,375	250	0	20,000	0	1,000	0	27,500	25,625
Mar	60	20	312.50	12,500	8,750	938	0	9,688	500	0	20,000	0	1,000	0	34,000	31,188
Apr	80	20	312.50	18,750	13,125	1,875	625	15,625	750	0	20,000	0	1,000	0	40,500	37,375
May	100	20	312.50	25,000	17,500	2,813	1,250	21,563	1,000	0	20,000	0	1,000	0	47,000	43,563
Jun	120	20	312.50	31,250	21,875	3,750	1,875	27,500	1,250	0	20,000	0	1,000	0	53,500	49,750
Jul	140	20	312.50	37,500	26,250	4,688	2,500	33,438	1,500	0	20,000	0	1,000	0	60,000	55,938
Aug	160	20	312.50	43,750	30,625	5,625	3,125	39,375	1,750	0	20,000	0	1,000	0	66,500	62,125
Sep	180	20	312.50	50,000	35,000	6,563	3,750	45,313	2,000	0	20,000	0	1,000	0	73,000	68,313
Oct	200	20	312.50	56,250	39,375	7,500	4,375	51,250	2,250	0	20,000	0	1,000	0	79,500	74,500
Nov	220	20	312.50	62,500	43,750	8,438	5,000	57,188	2,500	0	20,000	0	1,000	0	86,000	80,688
Dec	240	20	312.50	68,750	48,125	9,375	5,625	63,125	2,750	0	20,000	0	1,000	0	92,500	86,875
TOTAL	240			412,500	288,750	51,563	28,125	368,438	16,500	0	240,000	0	12,000	0	681,000	636,938

Basic Assumptions

- 1 For the year 2016, 240 new service connections will be added because of expansion projects. Applications will be spread evenly for the whole year.
- 2 Average Bill for this new connections is assumed to be 15 cu.m which is P312.50
- 3 Collection ratio projected is 95%; 70% on current month and 15% and 10% on the first and second months succeeding. The remaining 5% is assumed an increase in receivables accounts.
- 4 Penalty charges are projected at based on Historical Penalty Billing, 5% of which is assumed to be uncollected
- 5 Meter rental treated as income is P1,000.00 per new connection.
- 6 There will be no Application fee of P650.00 per connection as New Connections for expansion project is applied at promo.
- 7 Other water revenues consisting of labor charge, mark-up on water meter, materials and supplies are projected at P50.00 per new connection.
- 8 Total projected revenues and cash receipts in 2016 for new connections due to expansion projects is P681,000.00 and P636,938.00 respectively

