

**ANNEX 1**  
**DETAILS OF PUBLIC CONSULTATION FOR MATHIRA WATER AND SANITATION COMPANY LTD**  
**(FOR THE PERIOD 2024/2025 – 2028/2029)**

**1.0 Cost and Revenue Structure for the Tariff Period**

Expenditure	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Operations	94,177,324	108,311,263	121,998,148	129,277,777	136,995,551	143,757,377	150,094,575
Maintenance	30,185,301	31,889,841	32,527,637	33,178,190	33,841,754	34,518,589	35,208,961
Regulatory	5,738,187	6,248,123	10,049,532	10,278,398	10,452,124	10,585,132	10,739,404
<b>Total O&amp;M</b>	<b>130,100,812</b>	<b>146,449,226</b>	<b>164,575,317</b>	<b>172,734,365</b>	<b>181,289,429</b>	<b>188,861,098</b>	<b>196,042,939</b>
Investment	4,234,052	15,400,000	19,080,280	20,907,544	21,888,151	23,886,230	24,739,861
Debt	13,116,835	12,460,993	-	-	-	-	-
<b>Total Costs</b>	<b>147,451,699</b>	<b>174,310,219</b>	<b>183,655,597</b>	<b>193,641,909</b>	<b>203,177,580</b>	<b>212,747,328</b>	<b>220,782,800</b>
<b>Total Billing</b>	<b>143,454,682</b>	<b>156,203,071</b>	<b>251,238,308</b>	<b>256,959,956</b>	<b>261,303,097</b>	<b>264,628,291</b>	<b>268,485,091</b>
Collection	97%	95%	95%	95%	95%	95%	95%
Projected	138,433,768	148,392,917	238,676,392	244,111,958	248,237,943	251,396,877	255,060,837
<b>Total Cost</b>	<b>94%</b>	<b>85%</b>	<b>130%</b>	<b>126%</b>	<b>122%</b>	<b>118%</b>	<b>116%</b>

**2.0 Proposed Change in Water Tariff Structure for the Period.**

Proposed Tariff for Mathira Water and Sanitation Co. Ltd.				
Consumer Categories	Consumption Block	Current Tariff	Consumption Block	Proposed Tariff
	(m3)	(Kshs/M <sup>3</sup> )	(m3)	(Kshs/M <sup>3</sup> )
Domestic/Residential	0-6	40.33	1-6	125
	7-20.	66.56	7-20.	140
	21-50	90.75	21-50	150
	51-100	93.50	51-100	160
	100-300	110	101-300	170
	>300	132	>300	180
<b>Multi-Dwelling Units</b>		N/A	Per M3	140
<b>Unmetered</b>	Flat Rate	500		N/A
Commercial/Industrial	0-6	36.66		
	7-20.	60.50		
	21-50	82.50	1-50	150
	51-100	93.50	51-100	160
	100-300	110	101-300	170
	>300	132	>300	180
Government/Institutions	0-600	66	1-50	150
	601-1200	85	51-100	160
	>1200m3	110	100-300	170
			>300	180
Public Schools	0-600	66	1-600	140
	601-1200	85	601-1200	160
	>1200m3	110	>1200m3	180
<b>Unique Consumer Categories</b>	<b>Water Kiosks</b>	35	Per M3	125

Customers with non-functional meters shall be billed based on the average of the last three months' bill

**3.0 Sewerage Tariff Structure for the period 2024/2025 to 2028/2029**

**a) Consumers with a Water Connection**

Sewerage will be charged at 75% of the water volumes, billed at the tariff for water specified (in 2.0) above for all customer categories.

#### b) Consumers without a Water Connection

Sewerage consumers without a water connection shall be charged as follows:

- Single dwelling Domestic unit: Ksh. 300 Per Month
- All other categories: 75% of the Volume of water consumed as per the metered source at the rates specified (in 2.0) above.

#### 4.0 Indexation

The utility's tariffs for water and sewerage shall be eligible for annual indexation as per the regulations of the Water Services Regulatory Board (WASREB). The inflation adjustment shall come into effect after a full year of implementation, on the 15th day of July every year, and shall remain in force until the 14th day of July the following year.

#### 5.0 Miscellaneous Charges

These shall be charged as per the approved miscellaneous charges approved by WASREB.

#### 6.0 Service Delivery Conditions attached to the Tariff.

The conditions attached to this approval, which shall form part of the license conditions of Mathira Water and Sanitation Company Ltd, are:

Target	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
Water Coverage (%)	64%	66%	68%	70%	72%	74%	76%
Water quality standards (%)	100%	100% Compliance with Standards					
Personnel Expenditure as % of O&M	44%	43%	42%	41%	40%	39%	38%
Non-Revenue Water	37%	36%	34%	32%	30%	28%	27%
Hours of Supply (Hrs.)	23	23	24	24	24	24	24
Staff per 1000 connections	6	6	5	5	5	5	5
Metering ratio (%)	100%	100%	100%	100%	100%	100%	100%
Collection Efficiency (%)	97%	95%	95%	95%	95%	95%	95%
Resale at Kiosk	Kshs. 5.00 per 20l Jerry Can						

#### 6.1 Other Conditions

- i. **Annual budgets:** The utility shall adhere to the budgetary levels set in the tariff.
- ii. **Metering:** MAWASCO shall maintain metering ratio at 100% as per condition (6.0) above
- iii. **Surpluses:** The surpluses realised during the tariff period shall be used to implement priority service delivery capital projects approved by WASREB.
- iv. **Catchment Protection:** The utility shall undertake measures to conserve/ protect the catchment areas of their water source as part of Corporate Social Responsibility.
- v. **Reporting:** The utility shall submit quarterly performance reports to WASREB in the prescribed format.
- vi. **Creation of distinct water and sewer cost centres:** MAWASCO shall create separate water and sewer cost centres and maintains distinct record of operations of the two centres.
- vii. **Investments:** The utility shall undertake the investments as follows: -

PROPOSED IMPLEMENTATION YEAR: 2024-2025						
PROJECT AREA	SIZE	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Amount (Kshs)
<b>Investments in Meters, Vehicles and Motor Bikes, Buildings and Office Equipment</b>						
1	Increase in water connectivity	Procurement of meters	no	1,200	3,200	3,840,000
2	Motorbikes	Procure pipes and fittings and install 960 No. new				3,440,484
3	Office equipment	Procurement Motorbikes	no	5	190,000	950,000
		Computer-Desktops	no	5	187,230	936,150
		Smart Phones	no	20	25,000	500,000
4	Procurement of sewerage pump	160mm dia Submersible Sewerage pump	no	1	2,450,000	2,450,000
5	laboratory Equipment	Procurement of various laboratory tools and equipment	Lot			650,000
	<b>Sub Total</b>					<b>12,766,634</b>
<b>Investments-Water Systems &amp; NRW Management</b>						
6	Extension of Water Supply to Karogoto Factory Service Line	Various	m			3,128,646
7	NRW Management	Extension of water supply to increase water coverage	Lot			3,185,000
	<b>Sub Total</b>					<b>6,313,646</b>
	<b>Total</b>					<b>19,080,280</b>
<b>PROPOSED IMPLEMENTATION YEAR: 2025-2026</b>						
PROJECT AREA	SIZE	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Amount (Kshs)
<b>Investments in Meters, Vehicles and Motor Bikes, Buildings and Office Equipment</b>						
1	Increase in water connectivity	Procurement of meters	no	1,200	3,360	4,032,000
		Procure pipes and fittings and install 960 No. new connections per year				3,612,041
2	Vehicles	Procurement Vehicles	no	1	4,800,000	4,800,000
3	Motorbikes	Procurement Motorbikes	no	3	199,500	598,500
4	Office equipment	Computer-Desktops	no	3	196,592	589,775
		Smart Phones	no	5	26,250	131,250
5	laboratory Equipment	Procurement of various laboratory tools and equipment	Lot			465,402
6	Office Compound Improvement	Landscaping				890,000
	<b>Sub Total</b>					<b>15,118,968</b>
<b>Investments-Water Systems &amp; NRW Management</b>						
7	Extension of Water Supply to Giakamuhu Service Line	Various	m			2,285,076
8	NRW Management	Extension of water supply to increase water coverage	Lot			3,503,500
	<b>Sub Total</b>					<b>5,788,576</b>
	<b>Total</b>					<b>20,907,544</b>
<b>PROPOSED IMPLEMENTATION YEAR: 2026-2027</b>						
PROJECT AREA	SIZE	DESCRIPTION	UNIT	QUANTITY	Unit Cost	Amount (Kshs)
<b>Investments in Meters, Vehicles and Motor Bikes, Buildings and Office Equipment</b>						
1	Increase in water connectivity	Procurement of meters	no	1,200	3,528	4,233,600

2	Motor bikes	Procure pipes and fittings and install 960 No. new connections per year	no	3	209,475	3,906,501
		Procurement of motorbikes		2	215,250	628,425
		Computers -Laptops		5	27,563	137,813
3	Office equipment	Computer-Desktops	no	2	206,421	412,842
4	Procurement of sewerage pump	160mm dia Submersible Sewerage pump	no	1	2,450,000	2,450,000
5	Procurement and installation of standby generator	Procurement and installation of standby generator	no	1	2,165,000	2,165,000
6	Laboratory Equipment	Procurement of various laboratory tools and equipment	Lot			220,000
	<b>Sub Total</b>					<b>14,584,680</b>
<b>Investments-Water Systems &amp; NRW Management</b>						
7	Extension of Water Supply to Mung'etho Shopping Centre	Extension of water supply to increase water coverage	m			3,449,620
8	NRW Management		Lot			3,853,850
	<b>Sub Total</b>					<b>7,303,470</b>
	<b>Total</b>					<b>21,888,151</b>
<b>PROPOSED IMPLEMENTATION YEAR: 2027-2028</b>						
<b>PROJECT AREA</b>		<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>Unit Cost</b>	<b>Amount (Kshs)</b>
<b>Investments in Meters, Vehicles and Motor Bikes, Buildings and Office Equipment</b>						
1	Increase in water connectivity	Procurement of meters	no	1,200	3,704	4,445,280
2	Motorbikes	Procure pipes and fittings and install 960 No. new connections per year		2	219,949	4,228,823
3	Office equipment	Smart Phones	no	5	28,941	144,703
		Computer-Desktop	no	3	216,742	650,226
	<b>Sub Total</b>					<b>9,908,930</b>
4	Extension of Water Supply to Karogoto Factory Service Line	Extension of water supply to increase water coverage	m			3,621,798
5	NRW Management		Lot			4,239,235
6	Construction of Water kiosk	Construction of Water kiosk at Mugeitho Shopping				855,801
7	Office Expansion	Construction of an additional office block for sewerage staff at Kirigu and Kiaigi				1,721,280
8	Construction of Water tank	Construction of 150M3 water tank along JICA Line within Ragati forest				1,215,776
9	Sewerage lines extension	Various sewer service line extensions				2,323,410
	<b>Sub Total</b>					<b>13,977,300</b>
	<b>Total</b>					<b>23,886,230</b>
<b>PROPOSED IMPLEMENTATION YEAR: 2028-2029</b>						
<b>PROJECT AREA</b>		<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>Unit Cost</b>	<b>Amount (Kshs)</b>

Minor Investments in Meters, Vehicles and Motor Bikes, Buildings and Office Equipment						
1	Increase in water connectivity	Procurement of meters	no	1,200	3,890	4,667,544
2	Motorbikes	Procure pipes and fittings and install 960 No. new connections per year				4,528,289
3	Office equipment	Procurement of motorbikes	no	2	230,946	461,892
4	laboratory Equipment	Computer-Desktop	no	3	227,579	682,738
	<b>Sub Total</b>	Procurement of various laboratory tools and equipment	Lot			300,450
5	Extension of Water Supply to Ngurumo Primary School	Extension of water supply to increase water coverage	m			<b>10,640,914</b>
6	NRW Management		Lot			3,802,883
7	Sewerage lines extension	Various sewer service line extensions				4,663,159
	<b>Sub Total</b>					5,632,905
	<b>Total</b>					<b>14,098,947</b>
						<b>24,739,861</b>

Item/ Service	Charge (Ksh.)
<b>Water Deposit</b>	
<b>Category of consumer</b>	
Domestic	2500
Retail shops less than 10m <sup>3</sup>	3000
Retail shops more than 10m <sup>3</sup>	3,500
Bar, and restaurants less than 15 m <sup>3</sup>	4000
Bar, restaurants more than 15 m <sup>3</sup>	6,000
Hotel class "A" and "B" less than 150 m <sup>3</sup>	12,000
Hotel class "A" and "B" more than 150 m <sup>3</sup>	15000
Hotel class "C" and 'D' less than 150 m <sup>3</sup>	18000
Hotel class "C" and 'D' more than 150 m <sup>3</sup>	20,000
Hospitals more than 150 m <sup>3</sup>	20,000
Health centres less than 150 m <sup>3</sup>	12,000
Schools and other institutions more than 200 m <sup>3</sup>	20,000
Schools less than 200 m <sup>3</sup>	10,000
Minor construction sites of more than 200 m <sup>3</sup>	15,000
Major construction sites more than 300 m <sup>3</sup>	50,000
Light industries less than 200 m <sup>3</sup>	30,000
Medium industrial between 200 m <sup>3</sup> and 300 m <sup>3</sup>	50,000
Heavy industries of more than 300 m <sup>3</sup>	100,000
Water Kiosks	5,000
Customers with only sewer connection are to be charged a deposit equivalent to a water connection	
<b>Other Charges</b>	
<b>Service</b>	
New water connection fee – Connection size: ½ inch to 1 inch	2,500
New water connection fee – Connection size: 1.5 inches to 3 inches	7,500
New water connection fee – Connection size above 3inches	15,000
Water Reconnection fee – at meter point	1,000
Water Reconnection fee – at mains	5,000 and double deposit
Tanker – 8000, 16,000 litres	2,500, 5,000 respectively per tanker within MAWASCO's area for all consumers
Sale of water Per M <sup>3</sup> at bowsing point (own tanker)	Ksh. 140
Replacement of stolen or damaged meters	100% of the market cost of the meter
Meter testing on request	500
Sewer Connection- Residential/ Domestic	5,000
Sewer Connection- Commercial, Government, Schools, Universities and Colleges	7,500
Sewer Connection- Industrial	15,000
Private sewer unblocking	2,500
Leak detection services	1,000
Sewer Reconnection fee	15,000
Statement of account fees	200
For cutting off the supply at the request of the consumer	200
For turning on the supply otherwise than in respect of a first connection	200
Exhauster Services (Company Exhauster)	5,000 for other customers and 4,000 for informal settlements
Private Exhausters (Dumping into the company's sewer system)	15,000 per Truck per month
<b>Penalties</b>	

Item/ Service	Charge (Ksh.)
Illegal water connection, -Commercial, Industry, Construction (Fraud)	100,000 plus estimated consumption during the period of illegality
Illegal water connection, (Fraud) – Domestic	30,000 plus estimated consumption during the period of the illegality
Overcharging (fraud) at water kiosk	15,000
Illegal sewer connection- Commercial, Industry, Construction	100,000
Illegal sewer connection- Domestic, Government, Schools, Universities & Colleges	30,000
Self-reconnection after cut-off for non-payment	5,000 and billing to be backdated from the date of cut-off
Surcharge for tampering with meters (this to include meter removal, reversing of meter etc)	5,000
Surcharge for direct suction of water from the supply line using a pump	10,000

