

**DETAILS OF PUBLIC CONSULTATION FOR KISII WATER AND SANITATION PLC  
(FOR THE PERIOD 2025/2026 – 2028/2029)**

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

Expenditure Item	2024/25	2025/26	2026/27	2027/28	2028/29
Operations	239,837,638	209,919,409	230,140,208	242,795,732	254,818,727
Maintenance	16,314,781	12,647,218	12,900,162	13,158,166	13,421,329
Regulatory Levy	6,520,500	7,576,704	14,207,651	15,525,724	16,803,570
<b>Total O&amp;M Costs</b>	<b>262,672,919</b>	<b>232,754,690</b>	<b>252,975,489</b>	<b>265,631,013</b>	<b>277,654,007</b>
Investment Costs	2,280,230	-	12,320,000	23,136,000	33,251,000
Debt Repayment	-	-	72,603,285	79,771,340	86,939,395
<b>Total Costs</b>	<b>264,953,149</b>	<b>232,754,690</b>	<b>337,898,773</b>	<b>368,538,353</b>	<b>397,844,402</b>
<b>Total Billing (KSh)</b>	<b>267,179,046</b>	<b>189,417,602</b>	<b>355,191,274</b>	<b>388,143,094</b>	<b>420,089,259</b>
<b>Collection Efficiency (%)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>
<b>Projected Revenue</b>	<b>254,968,964</b>	<b>179,946,722</b>	<b>337,431,710</b>	<b>368,735,939</b>	<b>399,084,796</b>
<b>O&amp;M Cost Coverage (%)</b>	<b>97%</b>	<b>77%</b>	<b>133%</b>	<b>139%</b>	<b>144%</b>
<b>Total Cost Coverage (%)</b>	<b>96%</b>	<b>77%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

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

Proposed Tariff for Kisii Water & Sanitation PLC.							
Customer Categories	Current Consumption Block (m3)		Current Tariff (KSh/M3)	Customer Categories	Proposed Consumption Block (m3)	Proposed Tariff (KSh/M3)	% Change
Individual and Other Consumers	0-6		75	Domestic/Residential	1-6	113	50%
	7-20		90		7-20	135	50%
	21-50		105		21-50	151	44%
	51-100		115		51-100	180	57%
	101-300		125		101-300	200	60%
	>300		135		>300	223	65%
Multi Dwelling Units (MDUs)	per m3		100		per m3	135	35%
Commercial/Industrial/Government/Institutions	0-50		100	Commercial/Industrial/Government/Institutions	1-50	151	51%
	51-100		115		51-100	180	57%
	>100		135		101-300	200	48%
					>300	223	
Public Schools, Colleges, and Universities	0-600		100	Public Schools, Colleges, and Universities	1-600	151	51%
	601-1200		115		601-1200	185	61%
	>1200		135		>1200	223	65%
Water Kiosks	Per m3		35	Water Kiosks	Per m3	70	100%

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

### 3.0 Sewerage Tariff Structure for the period 2025/2026 to 2028/2029

#### a) Consumers with a Water Connection

Sewerage will be charged at 75% of the water volume, billed at the specified water tariff (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
- Other premises, including apartments, hostels, flats, and properties accommodating multiple households sharing one sewer connection, shall be charged based on the number of rooms occupied or available for use
- 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 in accordance with 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.

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 with more than 10m <sup>3</sup>	3,500
Bar and restaurants with less than 15 m <sup>3</sup>	4000
Bar and restaurants more than 15 m <sup>3</sup>	6,000
Hotel class "A" and "B" with less than 150 m <sup>3</sup>	12,000
Hotel class "A" and "B" with 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 and Health centres with more than 150 m <sup>3</sup>	20,000
Hospitals and Health centres with less than 150 m <sup>3</sup>	12,000
Schools and other institutions have more than 200 m <sup>3</sup>	20,000
Schools and other institutions with 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 with more than 300 m <sup>3</sup>	50,000
Light industries with less than 200 m <sup>3</sup>	30,000
Medium industries 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 a 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

Item/ Service	Charge (Ksh.)
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 the KWASCO service area for all consumers
Sale of water per M <sup>3</sup> at Browsing Point (own tanker)	135
Replacement of stolen or damaged meters	100% of the market cost of the meter
Meter testing on request	500
Special meter reading at the customer's 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
Printing of the customer's statement on their own request	200
For cutting off the supply at the request of the consumer	200
For turning on the supply other 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>	
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 the water kiosk	15,000
Illegal sewer connection- Commercial, Industry, Construction	100,000
Illegal sewer connection- Domestic, Government, Schools, Universities &	30,000
Self-reconnection after cut-off for non-payment	5,000, and billing to be backdated from the date of the cut-off
Surcharge for tampering with meters (this includes meter removal, reversing)	5,000
Surcharge for direct suction of water from the supply line using a pump	10,000

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

The conditions attached to this approval, which shall form part of the license conditions of Kisii Water and Sanitation PLC, are:

Target	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
Water Coverage	55.3%	56%	58%	60%	62%
Water quality standards	99%	100%	100% Compliance with Standards		
Personnel Expenditure as % of O&M	40%	34%	32%	32%	32%
Non-Revenue Water	56%	56%	45%	42%	39%
Hours of Supply (Hrs.)	22	22	23	23	24
Staff per 1000 connections	7	7	7	6	6
Metering ratio	100%	100%	100%	100%	100%
Collection Efficiency	95%	95%	95%	95%	95%
Resale at Kiosk	KSh. 2.00 per 20l Jerry		KSh. 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. **Surpluses:** The surpluses projected to be realised shall be set aside to implement priority service delivery capital projects. KWASCO shall be required at the end of every financial year to identify the priority project to be implemented and obtain approval from WASREB.
- iii. **Reporting:** The utility shall submit quarterly performance reports to WASREB in the prescribed format.
- iv. **Creation of distinct water and sewer cost centres:** KWASCO shall create separate water and sewer cost centres and maintain a distinct record of operations of the two centres.

- v. **Catchment Protection:** The utility shall undertake measures to conserve/ protect the catchment areas of their source of water as part of Corporate Social Responsibility.
- vi. **Repayment of Loans:** KWASCO shall remit monthly loan repayments to LVSWWDA for KfW Loans for the Water Sector Development Programme as detailed below.

	<b>2026/2027</b>	<b>2027/2028</b>	<b>2028/2029</b>
<b>Amount (KSh)/Month</b>	<b>6,050,274</b>	<b>6,647,612</b>	<b>7,244,950</b>

Evidence of loan repayment to LVSWWDA shall be submitted to WASREB every month by the 10th day of the following month

- vii. **Investments:** The utility shall undertake the investments as follows: -

**INVESTMENTS SCHEDULE - INTERNALLY GENERATED FUNDS FOR KWASCO**

TARGETED INVESTMENT	PROJECT AREA	GUIDE	SIZE	UNIT	UNIT COST	QUANTITY	2026/2027	2027/2028	2028/2029	
<b>A. ICT &amp; Motor Vehicles</b>	Computer Hardware	Desktops			80,000	5			400,000	
		laptops			130,000	4			520,000	
		Multi-Function Printer			500,000	2			1,000,000	
		Projector			150,000	1			150,000	
		IP Phone for Customer Care Staff			25,000	1			25,000	
		IP Phone for other workstations Staff			10,000	8			80,000	
		Firewall			1,000,000	1			1,000,000	
		<b>Sub -Total</b>						-	-	<b>3,175,000</b>
	Computer Software	Microsoft Office and Operating System				400,000	1			400,000
		Time attendance - Zkteco Speedface V3L				100,000	1			100,000
		Switch board - Yeastar				100,000	1			100,000
		Veen soft ware and cloud storage				500,000	1			500,000
		LTE Router				400,000	1			400,000
			<b>Sub -Total</b>						-	-
	Motor Vehicle				10,000,000	2		5,000,000	5,000,000	
	<b>Sub -Total</b>						-	<b>5,000,000</b>	<b>5,000,000</b>	
<b>B. NRW Reduction Plan (To reduce NRW from 58 to 45%)</b>	Installation of SMART Meters	Installation of 63 Number prepaid SMAT Meters		Nr	25,000	63	315,000	315,000	315,000	
		Installation of 410 new metered connections			5,500	410	451,000	451,000	451,000	
		Installation of 3000 consumer meters for new connections		Nr	5,500	3,000	3,300,000	3,300,000	3,300,000	
	Installation of consumer meters	Installation of 1000 consumer meters for replacement		Nr	5,500	1,000	1,100,000	1,100,000	1,100,000	
		Installation of 200 consumer meters for flat rate conversion		Nr	5,500	200	220,000	220,000	220,000	
		Installation of 2000 meters for activated dormant accounts		Nr	5,500	2,000	2,200,000	2,200,000	2,200,000	
		Accreditation of meter testing bench by KENAS			1,000,000	1	200,000	200,000	200,000	
	Replacement of Master (production) meters	Replacement of 1 master meters for Kegati	500mm	Nr	200,000	1			200,000	
		Replacement of 1 master meters	400mm	Nr	200,000	1			200,000	
		Replacement of 1 master meters	350mm	Nr	150,000	1			150,000	
		Replacement of 4 master meters	300mm	Nr	120,000	4			480,000	
		Replacement of 5 master meters	200mm	Nr	100,000	5			500,000	
		Replacement of 15 master meters	150mm	Nr	75,000	15			1,125,000	
Replacement of 3 master meters		100mm	Nr	50,000	3			150,000		
Replacement of 1 master meters	80mm	Nr	40,000	1			40,000			

		Valves, fittings and chambers									
		<b>Sub -Total</b>						<b>7,786,000</b>	<b>7,786,000</b>	<b>10,631,000</b>	
		Implement Wasreb NRW Standards									
	Implementation District Metered Areas at Nyanchwa, Jogoo, CBD, Mwembe Kisii school	Installation of 10 Number DMAs									
		DN 80, PN 16 Volumetric Flow Water Meter	150mm	Nr	29,900	2	59,800				
		DN 100, PN 16 Volumetric Flow Water Meter	100mm	Nr	49,900	5	249,500				
		DN 150, PN 16 Volumetric Flow Water Meter	90mm	Nr	74,900	3	224,700				
	Map& GIS	Purchase of pressure loggers			20,000	20			400,000		
		Implement Geographical Information System (GIS)			600,000	1					
		Procurement of the Geographical Information System (GIS)			1,350,000	1			1,350,000		
		Smart phones for mapping (mapper)		Nr	200,000	10		-			
		A3 printer					1		-		
		Autodesk &Licence					1		-		
	Active leak detection activities	NRW Reduction Activities									
		Purchase of leak detection equipment			2,000,000	1			-		
		Pipe locator			1,000,000	1			-		
		<b>Sub -Total</b>						<b>534,000</b>	<b>1,750,000</b>	<b>-</b>	
<b>C. Water System Extension</b>	Pro-poor Initiatives (Low Income Areas)	Infrastructure Development: KSh. 1.5 million for the activation of water kiosks, expansion of pipeline networks, and prepaid metering systems in low-income areas.							1,500,000	-	
		Tariff Subsidies: KSh. 0.6 million to support subsidized connection fees and flexible payment plans for vulnerable households.							600,000		
		Community Engagement and Capacity Building: KSh. 0.3 million for awareness campaigns, training programs, and establishing community water committees.								300,000	
		Monitoring and Compliance: KSh. 0.15 million for performance audits, reporting, and regulatory compliance activities.								150,000	
		Emergency and Contingency Fund: KSh. 0.15 million reserved for emergency interventions in case of water shortages or infrastructure failures in low-income areas.								150,000	
		<b>Sub -Total</b>								<b>-</b>	<b>2,700,000</b>
	Expansion of water supplies to underserved areas	Planning and design, Environmental Impact Assessment and stakeholders' engagement - Tabaka, Ogembo, Gesusu, Nyansiongo and Ikonge								-	200,000
	Rehabilitate water production facilities	Water Facilities Rehabilitation (10)								-	2,700,000

		Pump set and control panels at Tabaka					1,500,000		
		Pump house at Nyasiongo					500,000		
		Still well at Nyasiongo					500,000		
		Upgrade of springs					1,000,000		
		Fencing of springs					500,000		
		<b>Sub Total</b>					<b>4,000,000</b>	<b>2,700,000</b>	<b>400,000</b>
<b>E. Sewer Improvement</b>		Construction of VIP Ablution Blocks	Mwembe, Jogoo, Nyanchwa and Nyamataro					1,500,000	
		Wastewater Facilities Rehabilitation	Suneka treatment works,					1,500,000	
		Public Sensitization on Hygiene	Mwembe, Jogoo, Nyanchwa and Nyamataro					200,000	
		<b>Sub Total</b>				-	-	<b>3,200,000</b>	-
<b>F. Capital Works</b>		12. Enhance Internal Efficiencies	- Upgrade enterprise resource planning (ERP) system			1			9,520,000
		<b>Sub Total</b>				-	-	-	<b>9,520,000</b>
<b>G. Treatment Works</b>		Laboratory Equipment							
		Spectrophotometer (HACH; Dr 3900)							1,700,000
		Bacteriological Testing kit (Wag tech)							500,000
		TDS/Conductivity Meter							100,000
		PH Meter							10,000
		Oven							50,000
		Analytical Weigh Balance							150,000
		Cooler Box							15,000
	lab apparatus							500,000	
	<b>Sub Total</b>						-	-	<b>3,025,000</b>
							<b>12,320,000</b>	<b>23,136,000</b>	<b>33,251,000</b>