

**DETAILS OF PUBLIC CONSULTATION FOR KIRINYAGA COUNTY 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	196,284,546	210,855,040	220,264,162	231,758,465	244,404,296
Maintenance	16,706,115	18,214,780	19,063,483	20,658,972	20,673,085
Regulatory Levy	7,107,527	8,402,974	14,627,118	15,366,057	15,706,221
Total O&M Costs	220,098,187	237,472,795	253,954,763	267,783,493	280,783,603
Investment Costs	-	-	26,819,888	27,915,740	28,647,724
Debt Repayment	-	-	72,000,000	72,000,000	72,000,000
Total Costs	220,098,187	237,472,795	352,774,651	367,699,233	381,431,327
Total Billing (KShs)	188,354,205	222,587,837	379,931,417	400,547,697	410,209,674
Collection Efficiency (%)	95%	95%	95%	95%	95%
Projected Revenue	179,580,755	211,458,445	360,934,847	380,520,312	389,699,190
O&M Cost Coverage (%)	82%	89%	142%	142%	139%
Total Cost Coverage (%)	82%	89%	102%	103%	102%

2.0 Proposed Change in Water Tariff Structure for the Period.

Proposed Tariff for Kirinyaga County Water & Sanitation PLC.					
Current Customer			Proposed Customers		
	Consumption Block (m3)	Current Tariff (Kshs/M3)		Consumption Block (m3)	Proposed Tariff (KSh/M3)
Domestic/Residential	1-6	43	Domestic/Residential	1-6	80
	7-20.	60		7-20.	110
	21-50	80		21-50	115
	51-100	95		51-100	125
	101-300	115		101-300	130
	>300	135		>300	145
Multi Dwelling Units	per m3	60	Multi Dwelling Units	per m3	115
Commercial/Industrial/Government/Institutions	1-50	80	Commercial/Industrial /Government/Institutions	1-50	115
	51-100	95		51-100	125
	101-300	115		101-300	130
	>300	135		>300	145
Schools, Colleges, and Universities	1-600	55	Public Schools, Colleges, and Universities	1-600	110
	601-1200	70		601-1200	130
	>1200	95		>1200	145
Unique Consumer Categories	Bulk Water	N/A	Unique Consumer Categories	Bulk Water	45
	Water Kiosks	35		Water Kiosks	70

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 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. 350 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.

Item/ Service	Charge (Ksh.)
Water Deposit	
Category of consumer	
Domestic	2500
Retail shops less than 10m ³	3000
Retail shops with more than 10m ³	3,500
Bar and restaurants with less than 15 m ³	4000
Bar and restaurants more than 15 m ³	6,000
Hotel class "A" and "B" with less than 150 m ³	12,000
Hotel class "A" and "B" with more than 150 m ³	15000
Hotel class "C" and 'D' less than 150 m ³	18000
Hotel class "C" and 'D' more than 150 m ³	20,000
Hospitals and Health centres with more than 150 m ³	20,000
Hospitals and Health centres with less than 150 m ³	12,000
Schools and other institutions have more than 200 m ³	20,000
Schools and other institutions with less than 200 m ³	10,000
Minor construction sites of more than 200 m ³	15,000
Major construction sites with more than 300 m ³	50,000
Light industries with less than 200 m ³	30,000
Medium industries between 200 m ³ and 300 m ³	50,000
Heavy industries of more than 300 m ³	100,000
Water Kiosks	5,000
Customers with only a sewer connection are to be charged a deposit equivalent to a water connection	
Other Charges	
Service	
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

Item/ Service	Charge (Ksh.)
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 KICOWASCO service area for all consumers
Sale of water per M ³ at Browsing Point (own tanker)	110
Replacement of stolen or damaged meters	100% of the market cost of the meter
Meter testing on request	500
Special meter reading under 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 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
Penalties	
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 Kisumu Water and Sanitation Company Ltd, are:

Target	2024/2025	2025/2026	2026/2027	2027/2028	2027/2029
Water Coverage	55%	56%	57%	58%	59%
Water quality standards	100%	100% Compliance With Standards			
Personnel Expenditure as % of O&M	54%	54%	53%	53%	52%
Non-Revenue Water	49%	49%	47%	45%	43%
Hours of Supply (Hrs.)	19	20	20	21	21
Staff per 1000 connections	5	4	4	4	4
Metering ratio	100%	100%	100%	100%	200%
Collection Efficiency	94%	95%	95%	95%	95%
Resale at Kiosk	Kshs. 2.00 per 20l Jerry Can		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. **Surpluses:** The surpluses projected to be realised shall be set aside to implement priority service delivery capital projects. KICOWASCO 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:** KICOWASCO 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:** KICOWASCO shall remit monthly loan repayments to TWWDA for African Development Bank Loans for the Kerugoya Kutus Water and Sewerage Project as detailed below.

	2026/2027	2027/2028	2028/2029
Amount (KSh)/Month	6,000,000	6,000,000	6,000,000

Evidence of loan repayment to TWWDA 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: -

APPENDIX 1 INVESTMENTS SCHEDULE - INTERNALLY GENERATED FUNDS

KIRINYAGA COUNTY WATER AND SANITATION PLC

2026-2027

TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	DESCRIPTIONS	UNIT	UNIT COST	QUANTITY	PROJECT COST (KSH)
A. Regional Master meters	Master Meter Production	Sagana T/works	Dn 200	Electromagnetic Master Meter	Nr.	391,392	1	391,392
		Githioro T/works		Electromagnetic Master Meter	Nr.	210,338	1	210,338
		Rundu Chlorination	DN 150	Electromagnetic Master Meter	Nr.	280,987	1	280,987
		Samson corner chlorination	DN 200	Electromagnetic Master Meter	Nr.	391,392	1	391,392
	Sub -Total							
B. NRW Reduction Plan	To reduce NRW from 49% to 47%	District Metering Areas						
		Kaitheri Zone sub-DMA	DN 150	Electromagnetic meter	No.	280,987	1	280,987
		Gathambi DMA	DN 150	Electromagnetic meter	No.	280,987	1	280,987
		Replacement of faulty customer meters						
	Replacement of faulty customer meters	15mm - 20mm	Replacement for Class C	No.	6,174	738	4,556,344	
Sub -Total								5,118,318
C. Sewer Improvement	Rehabilitation of the sewer system to improve services.	Wanguru	DTF 50m3	Replacement of pumps and blowers at Wanguru Decentralized Treatment Facility	Nr.	650,000	1	650,000
		Last-mile connectivity on sewer	Ranging DN 150 - 90mm	1.5km Household connections	Nr.	2,000,000	1	2,000,000
	Sub Total							
D. Extension of Service Lines	Extension of pipeline network	Kerugoya Referral Hospital	HDPE 3"	Kerugoya Referral Hospital		984,810		984,810
		Sagana Kariti Reconnection	HDPE 3"	Sagana Kariti Reconnection PN 10		420,000		420,000
		Upper Sagana Line	HDPE 2" & 1" 11/2"	Upper Sagana Line PN 10		301,850		301,850
		Kimandi project tie-in works	As provided in BoQ	Kimandi project tie-in work	Nr	129,400	1	129,400
	Sub Total							
E. Movable assets	Motorcycles	Acquisition of motorcycles	Procure motorcycles	150cc	Nr.	216,667	3	650,001
	Motor vehicle	Acquisition of a motor vehicle	Procure M/v	Type 2; - new Turbo diesel propelled 4WD, 4 door 5-seater Double Cabin pick up vehicle of minimum engine capacity 4164cc	Nr	6,000,000	1	6,000,000
	Sub Total							

D. Computers, Office furniture and fittings, Smartphones, Lab equipment, and Water meters	Computers	Acquisition of desktop computers	Procure desktops	Intel Core i5 (12th Generation or later) / AMD Ryzen 5 (5000 Series or later)	Nr.	50,000	5	250,000	
	Office furniture and fittings	Acquisition of furniture	Office Tables, chairs	Desk (2.2 x 0.9 m) with chair and lockable drawers	Lot	1,300,000	1	1,300,000	
	Smart phones	Acquisition of smartphones	Smart phones	Android 12 or later (Google-certified)	Nr.	21,000	10	200,000	
	Lab equipment	Acquisition of Lab equipment	Assorted	As per the laboratory apparatus list provided	Lot	750,000	1	750,000	
	Water meters	New connections	15mm - 20mm	Customer meter class C	Nr.	6,174	1,100	6,791,400	
Sub Total								9,291,400	
TOTAL								26,819,888	
2027-2028									
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	UN IT	UNIT COST	QUANTITY	PROJECT COST (KSH)	
A. Regional Master meters	Master Meter Production	Kururu Raw Master meter	DN 350	Electromagnetic Master Meter	Nr.	642,790	1	642,790	
		kahuhi Raw Master meter	DN 315	Electromagnetic Master Meter	Nr.	591,392	1	591,392	
	Sub -Total								1,234,182
B.NRW Reduction Plan	To reduce NRW from 47% to 45%	District Metering Areas							
		Ndaba DMA	DN 150	Electromagnetic meter	No.	280,987	1	280,987	
		Kandongu DMA	DN 150	Electromagnetic meter	No.	280,987	1	280,987	
		Replacement of faulty customer meters							
		Replacement of faulty customer meters	15mm - 20mm	Replacement to Class C	No.	6,174	758	4,679,823	
Sub -Total								5,241,797	
C. Sewer Improvement	Rehabilitation of the sewer system to improve services.	Last-mile connectivity on sewer	Ranging DN 150 - 90mm	2km Household connections	Nr.	3,250,000	1	3,250,000	
	Line extensions of the water system to improve services.	Kanyekine Ward	Kianjege kiaga water pipeline	• Laying and fixing of 2km DN 90mm HDPE PN 10. • Rehabilitation of 150m3 Masonry	Nr.	3,877,760	1	3,877,760	
			Kimica water supply	Kiamwenja Water supply pipeline 4.72km OD 110mm HDPE PN 10	Nr.	2,500,000	1	2,500,000	
Sub Total								9,627,760	
E. Movable assets	Motorcycles	Acquisition of motor cycles	Procure motorcycles	150cc	Nr.	216,667	3	650,001	
Sub Total								650,001	

D. Computers, Office furniture and fittings, Smartphones, Lab equipment, and Water meters	Water meters	New connections	15mm - 20mm	Customer meter class C	Nr.	6,174	1,500	9,261,000	
	Computers	Acquisition of desktop computers	Procure desktops	Intel Core i5 (12th Generation or later) / AMD Ryzen 5 (5000 Series or later)	Nr	50,000	4	200,000	
	Office furniture and fittings	Acquisition of furniture	Office Cabinets	Desk (2.2 x 0.9 m) with chair and lockable drawers	Lot	15,000	5	75,000	
	Smart phones	Acquisition of smartphones	Smart phones	Android 12 or later (Google-certified)	Nr.	21,000	6	126,000	
	Lab equipment	Acquisition of Lab equipment	Assorted	As per the laboratory apparatus list provided	Lot	1,500,000	1	1,500,000	
Sub Total								11,162,000	
TOTAL								27,915,740	
2028-2029									
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	UN IT	UNIT COST	QUANTITY	PROJECT COST (KSH)	
A. Regional Master meters	Master Meter Production	Nyamindi Raw master meter	DN 150	Electromagnetic Master Meter	Nr.	280,987	1	280,987	
		Ragati raw master meter	DN 250	Electromagnetic Master Meter	Nr.	442,722	1	442,722	
Sub -Total								723,709	
		NRW Reduction Activities							
B.NRW Reduction Plan	To reduce NRW from 45% to 42%	District Metering Areas							
		Ruiru Zone Sub DMA	DN 150	Electromagnetic meter	No.	280,987	1	280,987	
		procure other physical losses monitoring equipment as detailed below:							
		Replacement of faulty customer meters							
		Replacement of faulty customer meters	15mm - 20mm	Replacement to Class C	No.	6,174	610	3,766,084	
Sub -Total								4,047,071	
C. Sewer Improvement	Rehabilitation of the sewer system to improve services.								
		Last-mile connectivity on sewer	Ranging DN 150 - 90mm	1km Household connections	Nr.	1,200,000	1	1,200,000	
	Line extensions of Water system to improve services.	Extension of kandogu mulithi pipeline	DN 110mm	<ul style="list-style-type: none"> Laying and fixing of 8.6km DN 110mm HDPE PN 10. Rehabilitation of 150m3 Masonry 	Nr.	12,840,200	1	12,840,200	
Sub -Total								14,040,200	
Movable Asset	Motorcycles	acquisition of motorcycles	Procure motorcycles	150cc	Nr.	216,667	2	433,334	

	Sub -Total							433,334
D. Computers, Office furniture and fittings, Smartphones, Lab equipment, and Water meters	water meters	New connections	15mm - 20mm	Customer meter class C	Nr.	6,174	1,465	9,044,910
	Computers	Acquisition of desktop computers	Procure desktops	Intel Core i5 (12th Generation or later) / AMD Ryzen 5 (5000 Series or later)	Nr	50,000	4	200,000
	Office furniture and fittings	Acquisition of furniture	Office Cabinets	Desk (2.2 x 0.9 m) with chair and lockable drawers	Lot	6,500	5	32,500
	Smart phones	Acquisition of smartphones	Smart phones	Android 12 or later (Google-certified)	Nr.	21,000	6	126,000
	Sub -Total							9,403,410
	TOTAL							28,647,724