

ANNEX 1
DETAILS OF PUBLIC CONSULTATION FOR RUIRU_JUJA WATER AND SEWERAGE COMPANY LTD
(FOR THE PERIOD 2024/2025 – 2027/2028)

1.0 Cost and Revenue Structure for the Tariff Period

Expenditure Item	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
Operations	561,938,223	767,991,742	1,099,433,598	1,099,433,598	1,099,433,598	1,099,433,598
Maintenance	248,187,165	268,187,165	165,856,558	165,856,558	165,856,558	165,856,558
Regulatory Levy	34,885,962	40,164,765	69,803,163	69,803,163	69,803,163	69,803,163
Total O&M Costs	845,011,350	1,076,343,672	1,335,093,318	1,335,093,318	1,335,093,318	1,335,093,318
Investment Costs	-	462,000,000	165,186,448	353,089,662	449,915,515	550,934,294
Debt Repayment	16,939,500	16,939,500	101,061,529	171,154,571	171,934,888	171,681,377
Total Costs	861,950,850	1,555,283,172	1,601,341,295	1,859,337,550	1,956,943,721	2,057,708,989
Total Billing (KShs)	794,422,224	1,129,632,283	1,687,487,311	2,049,338,276	2,296,421,604	2,725,457,192
Collection Efficiency (%)	91%	95%	95%	95%	95%	95%
Projected Revenue	722,924,224	1,073,150,669	1,603,112,945	1,946,871,363	2,181,600,524	2,589,184,332
Total Cost Coverage	84%	69%	100%	105%	111%	126%

2.0 Change in Water Tariff Structure for the Period.

Tariff for Ruiru-Juja Water and Sewerage Co. Ltd.				
Consumer Categories	Consumption Block	Current Tariff	Consumption Block	Tariff
	(m3)	(Kshs/M³)	(m3)	(Kshs/M3)
Domestic/Residential	0-6	360(Flat	1-6	104
	7-20.	85	7-20.	110
	21-40	105	21-50	115
	41-100	120	51-100	125
	>100	150	101-300	135
			>300	140
Multi-Dwelling Units		N/A	Per M3	110
Commercial/Industrial/Government/Institutions	0-10	69.33		
	11-20	104	1-50	115
	21-40	135	51-100	125
	41-100	166.4	101-300	135
	>100	208	>300	140

Public Schools, Colleges and Universities	0-600	40	1-600	110
	601-1200	50	601-1200	125
	>1200	90	>1200m3	140
Unique Consumer Categories	Bulk Water Sales to Other WSPs	N/A	Per M3	91
	Water Kiosks	35	Per M3	110

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 2027/2028 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 RuiruJuja Water and Sewerage Company Ltd, are:

Target	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
Water Coverage (%)	81%	82%	84%	85%	87%	88%
Water quality standards (%)	100% Compliance with Standards					
Personnel Expenditure as % of O&M	32%	32%	31%	31%	30%	29%
Non-Revenue Water	38%	44%	42%	41%	40%	39%
Hours of Supply (Hrs.)	20	20	21	21	21	22

Staff per 1000 connections	5	5	4	4	3	3
Metering ratio (%)	100%	100%	100%	100%	100%	100%
Collection Efficiency (%)	91%	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. **Loan Repayment:** RUJWASCO shall remit monthly loan repayments as detailed below:

Financing	2024/2025	2025/2026	2026/2027	2027/2028
WASSIP (Ruiru-Juja Water Supply Works)	81,745,376	81,745,376	81,745,376	81,745,376
WASSIP-AF	19,316,153	19,316,153	19,316,153	19,316,153
KfW Loan (Nairobi Satellite Towns Water Supply Improvement Project)		69,899,979	69,899,979	69,899,979

Evidence of loan repayment to AWWDA shall be submitted to WASREB monthly by the 15th day of the following month.

- iii. **Surpluses:** the surpluses realised during the tariff period shall be used to implement priority service delivery capital projects approved by WASREB.
- iv. **Reporting:** The utility shall submit quarterly performance reports to WASREB in the prescribed format.
- v. **Creation of distinct water and sewer cost centres:** RUJWASCO shall create separate water and sewer cost centres and maintains distinct record of operations of the two centres.
- vi. **Investments:** The utility shall undertake the investments as follows: -

INTERNALLY FUNDED INVESTMENTS DURING THE TARIFF PERIOD									
						2024/25 (KES)	2025/26 (KES)	2026/27 (KES)	2027/28 (KES)
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	QUANTITY				
A. Water Coverage Improvement	Juja	Pipeline extension project	2.7km	Murram-Kenyatta Road water distribution pipeline Construction of DN 315mm HDPE pipeline 6.4Km Increase water coverage and hours of service	1		56,139,662		
	Ruiru	Pipeline Extension	3no	Mugutha-Daykio water pipeline Construction of DN 250mm HDPE pipeline 800M	1			8,910,234	
	Ruiru	Distribution Improvement project	5.8Km	Construction of DN 250mm HDPE pipeline from Jacarnda to Imani Estates	1			44,556,899	
	Weiteithe	Distribution Improvement project	5.4Km	Juja -Nyasaba distribution pipeline Construction of DN 315-250225mm HDPE pipeline 5.4km	1				50,697,606
	Sub -Total								

B. Productivity & efficiency improvement	Boreholes	Solarization	10No	Installation of solar hybrid for 10 boreholes	10		15,000,000	15,000,000	15,000,000
---	-----------	--------------	------	---	----	--	------------	------------	------------

INTERNALLY FUNDED INVESTMENTS DURING THE TARIFF PERIOD									
						2024/25 (KES)	2025/26 (KES)	2026/27 (KES)	2027/28 (KES)
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	QUANTITY				
	Kahawa sukari	rehabilitation of Kahawa sukari pipeline network	40km	upgrading of 40km DN 40mm-225mm existing PVC Pipeline network to HDPE	1	10,000,000	20,000,000	20,000,000	10,000,000
	Main Office	Procurement of operations vehicles	6No	procurement of a total 6no motor vehicles (2no. Cabs in the first year, 2,3,4,5 years 1no. Double cab)	1	8,500,000	8,500,000	9,000,000	9,500,000
	Main Office	Procurement of motorcycles	20No	procurement of a total 40no motorbikes. Acquire 20no in the first year at a cost of Kes 200,000 and 5 no. for the other four years at a cost of kes 250,000	1	1,250,000	1,250,000	1,250,000	1,250,000
	Main Office	Office furniture		Office chairs, desks, cabinetry	1	2,000,000	2,000,000	2,000,000	2,500,000

	Juja T-Works	Juja treaments backwash recirculation		construction of retention lagoon, pumping and pipeworks	1	5,500,000			
--	--------------	---	--	--	---	-----------	--	--	--

INTERNALLY FUNDED INVESTMENTS DURING THE TARIFF PERIOD									
						2024/25 (KES)	2025/26 (KES)	2026/27 (KES)	2027/28 (KES)
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	QUANTITY				
	T-Works	Installation of SCADA systems for Ruiru and Juja treatment plants		Installation of remote monitoring system for measuring turbidity, residual chlorine, flow meter, and pressure gauges at Juja and Ruiru plants	1	5,000,000			
C. Revenue Improvement	All schemes	Pipeline Extensions	60km	pipeline network of 350km DN 160mm-50mm HDPE in Ruiru, Juja and Githurai areas	1		50,000,000	103,294,012	103,294,012
	Ruiru	Pipeline extensions in Ruiru areas	50km	upgrade of Theta and Garong'ora pipeline distribution DN 560MM-250MM HDPE	1		60,000,000	100,000,000	

	Main Office	purchase of consumer water meters	45,000No	purchase of 80,000 consumer water meters	1	30,000,000	30,000,000	30,000,000	30,000,000

INTERNALLY FUNDED INVESTMENTS DURING THE TARIFF PERIOD									
						2024/25 (KES)	2025/26 (KES)	2026/27 (KES)	2027/28 (KES)
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	QUANTITY				
D. Service improvement projects	Ruiru, Juja and Githurai areas	water connectivity pipeline extensions	100km	100Km, connectivity pipeline extension works of DN 9050mm per year in Ruiru, Juja and Githurai areas	1	60,000,000	60,000,000	60,000,000	162,000,000
	Juja	Rehabilitation of Juja scheme pipeline network	100km	Upgrading of existing Pvc to HDPE pipeline network approximately 100km of DN50mm-225mm	1		30,000,000	38,404,370	41,092,676
	Sub -Total								
F. Environmental Conservation	Kibendera WTP	water shed conservation and management		Establishment of a tree nursery in Kibendera WWTP and annual maintenances	1	200,000	200,000	200,000	200,000

	Within Catchment Areas	water shed conservation and management		Annual tree planting activities	1	3,000,000	3,000,000	3,000,000	3,000,000
	Sub -Total								
G. Sanitation Improvement	Kibendera WTP	Operationalization of phase 2 Waste Water Treatment Works	2no	Installation of solarised street lights at the phase 2 ponds.	1	6,815,116			
	Ruiru,Juja and Githurai sewer connectivity laterals	Sanitation improvement in area of service	100km	construction of total 100Km Dn 300-160mmmm sewer laterals every year	1	13,821,332			100,000,000
INTERNALLY FUNDED INVESTMENTS DURING THE TARIFF PERIOD									
						2024/25 (KES)	2025/26 (KES)	2026/27 (KES)	2027/28 (KES)
TARGETTED INVESTMENT	PROJECT AREA	GUIDE	SIZE	SAMPLE DESCRIPTIONS	QUANTITY				
H. NRW -Management		Meter test kit	portable test meter kit	Management of commercial water losses	1			500,000	
		NRW Equipment	Purchase pipe locators	Management of NRW	1			300,000	300,000
		NRW Equipment	Purchase Ultrasonic flow meters	management of physical water losses	1			1,000,000	

		water meters	procure 15,000 water meters to replace malfunctioning consumer meters	Reduced commercial water losses	1	9,600,000	6,500,000		9,600,000
		Rehabilitation	replacement of old dilapidated UPVC pipelines	management of physical water losses	1	9,500,000	10,500,000	12,500,000	12,500,000
	Total					165,186,448	353,089,662	449,915,515	550,934,294