

		disbursement, Pro-poor, Laboratory, and GIS Datalink.				
	Human Resource empowerment	HR Module and Maji app	No	1	2,000,000	2,000,000
	Grand Total					12,395,020

Dated the 2nd May, 2024.

MR/5723150

JULIUS ITUNGA,
Ag. Chief Executive Officer,
Water Services Regulatory Board.

GAZETTE NOTICE NO. 5965

THE WATER ACT

(No. 43 of 2016)

NITHI WATER AND SANITATION COMPANY

APPROVED TARIFF STRUCTURE FOR THE PERIOD 2024/2025 TO 2027/2028

Nithi Water and Sanitation Company (NIWASCO) applied to the Water Services Regulatory Board (WASREB) for review of water services tariffs, for the period 2024/2025 to 2027/2028 as per section 72 (1) (b) of the Water Act, 2016.

Public consultation on the NIWASCO application was carried out in accordance with the requirements of section 139 of the Water Act, 2016.

After considering the application, the written and oral submissions by all stakeholders during the consultation period, and based on the latest available data, WASREB has determined an upward tariff review for NIWASCO is justified to improve service delivery, operate sustainably and protect consumer interests by meeting the tariff conditions attached to the tariff.

WASREB gives a one (1) months' notice to all existing and potential customers of NIWASCO that the approved tariffs for the four Financial Years 2024/2025, 2025/2026, 2026/2027 and 2027/28 shall be as follows:

1.0 Approved Tariff Structure

1.1 Water Tariff Structure for the period 2024/2025 to 2027/2028

Consumer Categories	Consumption Block	Approved Tariff
	(m ³)	(KSh./m ³)
Domestic/Residential	1-6	100
	7-20	120
	21-50	125
	51-100	130
	101-300	135
	>300	140
Multi-Dwelling Units	Per m ³	120
Commercial/Industrial	1-50	125
	51-100	130
	101-300	135
	>300	140
Government/Institutions	1-50	125
	51-100	130
	100-300	135
	>300	140
Public Schools	1-600	120
	601-1200	135
	>1200m ³	140
Unique Consumer Categories	Water Kiosks (Per m ³)	70
	Bulk Water Supply (Per m ³)	120

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

1.2 Sewerage Tariff for the period 2024/2025 to 2027/2028

1.2.1 Consumers with a Water Connection

(a) Sewerage will be charged at 75% of the water volumes, billed at the tariff for water specified (in 1.1) above for all customer categories

(b) Disconnected water accounts shall be charged based on the average of the last three months' sewerage charges before the disconnection.

1.2.2 Customer with no water connection

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

- Domestic customers without a metered source of water (Per Single dwelling unit): KSh. 350 Per Month
- All other categories: 75% of the volume of water consumed as per the metered source of water including boreholes, at the rates specified in (1.1) above.

1.3 Indexation

The utility's approved 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 every July of the tariff period commencing July 2025.

1.4 Miscellaneous Charges

Item/ Service	Charge (KSh.)
Water Deposit	
Category of consumer	
Domestic	2500
Retail shops less than 10m3	3000
Retail shops more than 10m3	3,500
Bar, and restaurants less than 15 m3	4000
Bar, restaurants more than 15 m3	6,000
Hotel class "A" and "B" less than 150 m3	12,000
Hotel class "A" and "B" more than 150 m3	15,000
Hotel class "C" and 'D' less than 150 m3	18,000
Hotel class "C" and 'D' more than 150 m3	20,000
Hospitals more than 150 m3	20,000
Health centres less than 150 m3	12,000
Schools and other institutions more than 200 m3	20,000
Schools less than 200 m3	10,000
Minor construction sites of more than 200 m3	15,000
Major construction sites more than 300 m3	50,000
Light industries less than 200 m3	30,000
Medium industrial between 200 m3 and 300 m3	50,000
Heavy industries of more than 300 m3	100,000
Water Kiosks	5,000
Customers with only 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
New water connection fee – Connection size above 3 inches	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	3,500, 7,000 respectively per tanker within the WSP area for all consumers
Sale of water Per M3 at bowing point (own tanker)	KSh .120
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)	KSh.7,500 with Chuka and Chogoria Schemes. To charge an additional KSh.1,500 for every 10km covered beyond the specified areas.
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	50,000 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 and 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)	10,000
Surcharge for direct suction of water from the supply line using a pump	10,000

2.0 Cost Structure

2.1 Cost Summary

Below is the summary of the recommended cost structure that makes up the total costs to be incurred by NIWASCO during the tariff period:

Expenditure Item	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
Operations	69,296,790	81,541,335	96,177,877	100,328,156	104,088,801	105,411,025
Maintenance	19,500,282	19,500,282	21,499,061	22,574,014	23,702,715	24,887,850

Regulatory Levy	3,122,925	3,016,776	6,835,706	7,156,140	7,775,700	7,775,702
Total O and M Costs	91,919,997	104,058,393	124,512,644	130,058,310	135,567,215	138,074,577
Investment Costs	-	-	33,056,989	36,807,819	37,931,525	40,683,109
Total Costs	91,919,997	104,058,393	157,569,633	166,866,129	173,498,740	178,757,686
Total Billing (KSh.)	80,193,872	81,894,694	170,892,651	178,903,507	183,444,965	188,082,498
Collection Efficiency (%)	93%	93%	95%	95%	95%	95%
Projected Revenue	74,838,748	76,162,065	162,348,018	169,958,331	174,272,717	178,678,373
Total Cost Coverage	81%	73%	103%	102%	100%	100%

3.0 Conditions attached to the tariff approval

The conditions attached to this approval which shall form part of the license conditions of NIWASCO are:

(i) Service Delivery Conditions attached to the Tariff

Target	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
Water Coverage (%)	49%	51%	53%	55%	57%	59%
Water quality standards (%)	100% Compliance with Standards					
Personnel Expenditure as % of O&M	38%	37%	35%	35%	35%	34%
Non-Revenue Water	65%	63%	62%	61%	60%	59%
Hours of Supply (Hrs.)	16	16	17	17	18	18
Staff per 1000 connections	6	5	5	5	5	5
Maintenance Expenditure as % of	21%	19%	17%	17%	17%	18%
Metering ratio (%)	92%	92%	100%	100%	100%	100%
Collection Efficiency (%)	93%	93%	95%	95%	95%	95%
Resale at Kiosk	KSh. 5.00 per 20l Jerry Can					

(ii) Annual budgets: The WSP shall adhere to the budgetary levels set in the tariff.

(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: NIWASCO will ensure it creates separate water and sewer cost centres and maintains distinct record of operations of the two centres.

(vi) Metering: NIWASCO shall progressively enhance the metering ratio to attain 100% as per condition (3.1) above.

(vii) Catchment Protection: The utility shall undertake measures to conserve/ protect the catchment areas of their water source as part of Corporate Social Responsibility

(viii) Investments: The utility shall undertake the investments in Annex 1: Annex 1: Investments

PROPOSED INVESTMENTS									
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
New Connections	Chuka-Karingani Scheme	Dn 25mm	70	6,000.00	420,000.00	42,000	126,000	126,000	126,000.00
		Dn 20mm	105	4,500.00	472,500.00	47,250	141,750	141,750	141,750.00
		Dn 15mm	2,072	4,000.00	8,288,000.00	828,800	2,486,400	2,486,400	2,486,400.00
	Chogoria Scheme	Dn 25mm	42	6,000.00	252,000.00	25,200	75,600	75,600	75,600.00
		Dn 20mm	70	4,500.00	315,000.00	31,500	94,500	94,500	94,500.00
		Dn 15mm	560	4,000.00	2,240,000.00	224,000	672,000	672,000	672,000.00
	Mutonga-Gituma Scheme	Dn 25mm	42	6,000.00	252,000.00	25,200	75,600	75,600	75,600.00
		Dn 20mm	35	4,500.00	157,500.00	15,750	47,250	47,250	47,250.00
		Dn 15mm	280	4,000.00	1,120,000.00	112,000	336,000	336,000	336,000.00
	Kibung'a Kakimiki	Dn 25mm	35	6,000.00	210,000.00	21,000	63,000	63,000	63,000.00
		Dn 20mm	42	4,500.00	189,000.00	18,900	56,700	56,700	56,700.00
		Dn 15mm	560	4,000.00	2,240,000.00	224,000	672,000	672,000	672,000.00
	Kathwana Scheme	Dn 25mm	35	6,000.00	210,000.00	21,000	63,000	63,000	63,000.00
		Dn 20mm	42	4,500.00	189,000.00	18,900	56,700	56,700	56,700.00

	PROPOSED INVESTMENTS								
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
		Dn 15mm	560	4,000.00	2,240,000.00	224,000	672,000	672,000	672,000.00
				Sub-Total	18,795,000.00	1,879,500.00	5,638,500.00	5,638,500.00	5,638,500.00
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
Replacement	Chuka-Karingani Scheme	Dn 25mm	30	6,000.00	180,000.00	18,000	54,000	54,000	54,000.00
		Dn 20mm	45	4,500.00	202,500.00	20,250	60,750	60,750	60,750.00
		Dn 15mm	888	4,000.00	3,552,000.00	355,200	1,065,600	1,065,600	1,065,600.00
	Chogoria Scheme	Dn 25mm	18	6,000.00	108,000.00	10,800	32,400	32,400	32,400.00
		Dn 20mm	30	4,500.00	135,000.00	13,500	40,500	40,500	40,500.00
		Dn 15mm	240	4,000.00	960,000.00	96,000	288,000	288,000	288,000.00
	Mutonga-Gituma Scheme	Dn 25mm	18	6,000.00	108,000.00	10,800	32,400	32,400	32,400.00
		Dn 20mm	15	4,500.00	67,500.00	6,750	20,250	20,250	20,250.00
		Dn 15mm	120	4,000.00	480,000.00	48,000	144,000	144,000	144,000.00
	Kibung'a Kakimiki	Dn 25mm	15	6,000.00	90,000.00	9,000	27,000	27,000	27,000.00
		Dn 20mm	18	4,500.00	81,000.00	8,100	24,300	24,300	24,300.00
		Dn 15mm	240	4,000.00	960,000.00	96,000	288,000	288,000	288,000.00
	Kathwana Scheme	Dn 25mm	15	6,000.00	90,000.00	9,000	27,000	27,000	27,000.00
		Dn 20mm	18	4,500.00	81,000.00	8,100	24,300	24,300	24,300.00
		Dn 15mm	240	4,000.00	960,000.00	96,000	288,000	288,000	288,000.00
				Sub-Total	8,055,000.00	805,500.00	2,416,500.00	2,416,500.00	2,416,500.00
Rehabilitations	<i>Area</i>	<i>Pipe Size</i>	<i>Distance (Km)</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
	Chuka-Karingani Scheme								
		Dn110/90mm	1.8	1,920,045.00	3,456,081.00	1,382,432.4	1,036,824.3	1,036,824.3	
	Chogoria Scheme	Dn 160mm	1	2,087,500.00	2,087,500.00	835,000.0	626,250.0	626,250.0	
		Dn110mm	1.2	2,203,684.00	2,644,420.80	1,057,768.3	793,326.2	793,326.2	
		Dn 90mm	0.5	1,659,685.00	829,842.50	331,937.0	248,952.8	248,952.8	
	Mutonga - Gituma Scheme	Dn 160mm	1.2	4,295,813.00	5,154,975.60	2,061,990.2	1,546,492.7	1,546,492.7	
	Kibung'a Kakimiki Scheme				-	-	-	-	
		Dn 200mm	0.8	5,691,407.00	4,553,125.60	1,821,250.2	1,365,937.7	1,365,937.7	
	Kathwana Scheme	Dn 200/160mm	0.8	6,483,588.00	5,186,870.40	2,074,748.2	1,556,061.1	1,556,061.1	
		Dn110mm	0.8	2,170,941.00	1,736,752.80	694,701.1	521,025.8	521,025.8	
				Sub-Total	25,649,568.70	10,259,827.48	7,694,870.61	7,694,870.61	-
Pipeline Extensions	<i>Scheme</i>	<i>Pipe Size</i>	<i>Distance</i>	<i>Unit Cost/Km</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>

	PROPOSED INVESTMENTS								
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
			(Km)						
	Chuka - Karingani	Dn110mm - 50mm	8	1,227,422.00	9,819,376.00	981,938	2,945,813	2,945,813	2,945,813
	Chogoria Scheme	Dn 110mm-50mm	8	1,227,422.00	9,819,376.00	981,938	2,945,813	2,945,813	2,945,813
	Mutonga - Gituma Scheme	Dn 63mm-25mm	12	960,557.00	11,526,684.00	1,152,668	2,305,337	4,610,674	3,458,005
	Kibung'a Kakimiki Scheme	Dn 63mm-25mm	16	1,091,404.00	17,462,464.00	1,746,246	2,619,370	5,238,739	6,111,862
	Kathwana	Dn 63mm-25mm	10	1,028,122.00	10,281,220.00	1,028,122	3,084,366	3,084,366	3,084,366
				Sub-Total	58,909,120.00	5,890,912.00	13,900,698.00	18,825,404.40	18,545,859.20
Water Quality	Purchase of Water Lab Equipment and Reagents	Burette 100mls, borosil	40	500.00	20,000.00	5,000.00	5,000.00	5,000.00	5,000.00
		Retort clamp aluminium	40	2,500.00	100,000.00	25,000.00	25,000.00	25,000.00	25,000.00
		Pipette fillers 3-way	40	500.00	20,000.00	5,000.00	5,000.00	5,000.00	5,000.00
		Flask boiling flat bottom 250mls, pyrex	40	700.00	28,000.00	7,000.00	7,000.00	7,000.00	7,000.00
		Flask boiling flat bottom 500mls, pyrex	40	1,000.00	40,000.00	10,000.00	10,000.00	10,000.00	10,000.00
		Funnel 100mm plastic	20	150.00	3,000.00	750.00	750.00	750.00	750.00
		Measuring cylinder 500mls, borosil	20	700.00	14,000.00	3,500.00	3,500.00	3,500.00	3,500.00
		Measuring cylinder 1000mls, borosil	20	100.00	2,000.00	500.00	500.00	500.00	500.00
		Measuring cylinder 50mls, borosil	20	500.00	10,000.00	2,500.00	2,500.00	2,500.00	2,500.00
		Measuring cylinder 100mls, borosil	20	600.00	12,000.00	3,000.00	3,000.00	3,000.00	3,000.00
		Volumetric flask 500ml, borosil	40	800.00	32,000.00	8,000.00	8,000.00	8,000.00	8,000.00
		Volumetric flask 250mls, borosil	40	600.00	24,000.00	6,000.00	6,000.00	6,000.00	6,000.00
		Volumetric flask 100mls, borosil	40	500.00	20,000.00	5,000.00	5,000.00	5,000.00	5,000.00

	PROPOSED INVESTMENTS								
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
		ic flask 100mls, borosil							0
		Conical flask 100 mls, borosil	40	700.00	28,000.00	7,000.00	7,000.00	7,000.00	7,000.00
		Conical flask 500 mls, borosil	40	800.00	32,000.00	8,000.00	8,000.00	8,000.00	8,000.00
		Spatula stainless spoon 8"	40	300.00	12,000.00	3,000.00	3,000.00	3,000.00	3,000.00
		Wash bottles 500mls, plastic	40	700.00	28,000.00	7,000.00	7,000.00	7,000.00	7,000.00
		First Aid box	16	1,000.00	16,000.00	4,000.00	4,000.00	4,000.00	4,000.00
		Retort stand(rod and base) 10" x 6"	20	3,000.00	60,000.00	15,000.00	15,000.00	15,000.00	15,000.00
		Graduated pipette 50ml, borosil	40	1,000.00	40,000.00	10,000.00	10,000.00	10,000.00	10,000.00
		Graduated pipette 20ml, borosil	40	800.00	32,000.00	8,000.00	8,000.00	8,000.00	8,000.00
		Graduated pipette 10ml, borosil	40	800.00	32,000.00	8,000.00	8,000.00	8,000.00	8,000.00
				Sub-Total	605,000.00	151,250.00	151,250.00	151,250.00	151,250.00
	<i>Physical Location</i>	<i>Specifications</i>	<i>No.</i>	<i>Unit Cost</i>		<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
Purchase and Installation of Pumps	Kathwana Treatment Works Pumphouse	Centrifugal pump F 50/160A, Q=1100L/Min, 7.5 Kw	2	120,000.00	240,000.00	120,000.00	120,000.00	-	-
	Mutonga-Gituma scheme Treatment works backwash system	Centrifugal pump F 50/160A, Q=1100L/Min, 7.5 Kw	0	120,000.00	-	120,000.00	120,000.00	-	-
	Kibung'a scheme treatment works backwash system	Centrifugal pump F 50/160A, Q=1100L/Min, 7.5 Kw	0	120,000.00	-	-	-	-	-
				Sub-Total	240,000.00	240,000.00	240,000.00	-	-
<i>Acquisition of movable assets</i>									
	<i>Item</i>	<i>Specifications</i>	<i>No.</i>	<i>Unit Cost</i>		<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
	Motor vehicle	Single Cab, Engine type 2.8L, 2.8 cc, 4WD,	1	6,000,000.00	6,000,000.00	-		-	6,000,000.00

	PROPOSED INVESTMENTS								
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
		6-speed, Turbocharger							
						-	816,000.00	-	816,000.00
				Sub-Total	6,000,000.00	-	816,000.00	-	6,816,000.00
<i>ICT and Related Assets</i>									
	<i>Item</i>	<i>Specifications</i>	<i>No.</i>	<i>Unit Cost</i>		<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
	Desktop Computers	Operating System-Windows 10, Memory 8gb, HDD 1TB	10	80,000.00	800,000.00	240,000.00	240,000.00	160,000.00	160,000.00
	Printers	Desktop printer, 3 in 1 (print, scan, copy), dye ink (black and colour)	10	35,000.00	350,000.00	105,000.00	105,000.00	70,000.00	70,000.00
		Finance/Accounting	1	2,000,000.00	2,000,000.00	-			
		Human Resource	1	2,000,000.00	2,000,000.00	1,000,000.00		2,000,000.00	
		Technical	1	2,000,000.00	2,000,000.00				2,000,000.00
		GIS	1	2,000,000.00	2,000,000.00	2,000,000.00			
		Supply chain	1	2,000,000.00	2,000,000.00		2,000,000.00		
		Self-service portal	1	2,000,000.00	2,000,000.00				2,000,000.00
	TV	Smart UHD 4K LED TV 43"	1	70,000.00	70,000.00	70,000.00	-	-	-
	Internet connection (DTF and outside schemes)	Wi-Fi connection	1	500,000.00	500,000.00	125,000.00	125,000.00	125,000.00	125,000.00
	Laptops	Windows 10, Core i7, 8GB RAM, 1TB HDD, bag	5	120,000.00	600,000.00	240,000.00	120,000.00	120,000.00	120,000.00
	CCTV for all schemes (DTF, treatment facilities and outside schemes)	8no 360 degree CCTV camera kit, screen, DVR with 1TB hard disk, HDMI, 10amp power supply	Set	150,000.00	750,000.00	300,000.00	150,000.00	150,000.00	150,000.00

	PROPOSED INVESTMENTS								
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
		unit, mouse, Installation on cable,							
	Office Telephones	GSM wireless landline desk phone	14	10,000.00	140,000.00	40,000.00	40,000.00	30,000.00	30,000.00
	Large format printer/photo copier	(Black & colour) Print, scan, copy, (A1, A3, A4 papers)	1	550,000.00	550,000.00	-	-	550,000.00	-
				Sub-Total	15,760,000.00	4,120,000.00	2,780,000.00	3,205,000.00	4,655,000.00
<i>Non-Revenue Water</i>									
	<i>Item</i>	<i>Specifications</i>	<i>No.</i>	<i>Unit Cost</i>		<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
	Sounding rods		Set	50,000.00	200,000.00	100,000.00	50,000.00		50,000.00
	Pressure logger	Nominal pressure 20 bars, Temp indication 0.1°C, Reference Temp +23°C, Temp effect (1°C): ± 0.005%, operating temp -10/+70°C ; Program mable Resolution 1,2,5,& 10, baud rate 38400,19200 & 9600, Peak Function 125 readings/sec, storage 30,000 points incl of Temp, Power supply - Batteries -alkaline batteries size AAA, 1.5 V(Non-rechargeable), auto power-off function to	No.	250,000.00	500,000.00	500,000.00	-		-

	PROPOSED INVESTMENTS								
<i>Metering:</i>									
<i>Consumer Meters</i>	<i>Scheme</i>	<i>Size</i>	<i>Qty</i>	<i>Unit Cost (KSh.)</i>	<i>Estimated Cost</i>	<i>2024-25</i>	<i>2025-26</i>	<i>2026-27</i>	<i>2027-28</i>
		conserve power							
	Leak noise correlator		No.	280,000.00	560,000.00	-	280,000.00		280,000.00
	Portable meter testing kit	Accuracy within $\pm 0.5\%$ or readings, flow rate 10L/hr to 5 m ³ /hr, sensitivity < 0.003 m/sata any flow rate including zero	Set	180,000.00	720,000.00	360,000.00	180,000.00		180,000.00
	Pressure reducing valves		Set	265,000.00	2,650,000.00	1,060,000.00	1,060,000.00		530,000.00
	Pipe locator		Set	300,000.00	300,000.00	-	-		-
	Digital thickness Meter	Display; 4 digits, 10 mm LCD; Measurement range 1-200mm, Resolution 0.1mm, Accuracy $\pm 0.5\%$, Sound velocity 500-9000 m/s, Power supply - locally available batteries or AAA batteries; operating condition Temp 0 - 50 degree Celsius, Humidity < 80%, calibration stds 5 steps- 1mm, 5mm, 10mm, 15mm and 20mm	No.	280,000.00	280,000.00	280,000.00			
	Arc GIS Software and	Arc GIS Pro 2.9	Item	350,000.00	350,000.00	350,000.00			