




NAKURU RURAL WATER AND SANITATION COMPANY LIMITED

SUMMARY OF PROCUREMENT PROCEEDINGS F/Y: 2023-2024.

Procuring Entity: **Nakuru Rural Water and Sanitation Company.**
 Financial Year: **2024-2025.**
 Tender/Quotation No: **NRW/03/2023-2024.**
 Description of the Tender: **Supply and delivery of cold-water meters.**
 Requisition No: **4707**
 Procurement method: **Open Tender**

	Procurement Stage	Indicators		Information on Indicators (fill as appropriate)		
1	Invitation and Tender opening	Tender Invitation/advertisement date		21 st /05/2024.		
		Tender closing/opening date		4 th /06/ 2024		
		Number of bidding document issued		Nil		
		Number of bids received		6		
		Names of tender opening committee members		- John Okioga - Chairperson -Roseline Chepkorir - Secretary -Peris Odhiambo - Member		
		Number of bidders present		9		
2	Tender evaluation	Evaluation committee	Names of the tender evaluation committee members	-Florence M. Wambui- Chairperson -Elizabeth Langwech- Secretary -Gilbert Chelule- Member		
				Specify consultants/external experts involved in evaluation if any	Name	N/A
					Profession	N/A
		Organization	N/A			
		Number of bids evaluated		6		
		An extract of the evaluation criteria*		Annexed		
		Number of bids passed preliminary evaluation		4		
		Number of bids passed technical evaluation stage		2		

		Name of the recommended/successful bidder and the price	Rehoboth business ventures
		Date evaluation was concluded	17 th /6/2024
		Date evaluation report was forwarded/submitted to the head of procurement function	17 th /6/2024
3	Procurement professional opinion	Date the professional opinion was issued	18 th /6/2024
4	Tender Award	Date of approval/rejection of the award	1 st /8/2024
5	Notification of award	Date the notification to award a tender was sent	1 st /8/2024
6	Contract execution	Date the contract was signed	16 th /08/2024

Prepared By: Head of Procurement Function Sign:  Date: 29/08/2024.

Appendix:



**NAKURU RURAL WATER AND SANITATION COMPANY LTD
P.O BOX 386-20100 NAKURU, KENYA**

Tender No: NRW/03/2023-2024.

Tender Name: Supply and delivery of cold-water meters.

Preliminary Evaluation and Mandatory Requirements

No	Requirements	Bid 1	Bid 2	Bid 3	Bid 4	Bid 5	Bid 6	Bid 7
1.	Must submit a copy of valid Certificate of Incorporation/Registration.							
2.	Attach pin certificate.							
3.	Attach valid tax compliance/Exception certificate.							
4.	Business company profile.							
5.	National ID'S/Passports of the Directors/owners of the business.							
6.	Copies of annual returns, filed by limited companies, the business names for business names (sole trader and partnerships, and a stamped receipt which bears the accounts stamp from the registrar of companies/societies; CR12, Partnership Deed.							
7.	Must submit a duly signed and stamped/sealed Tender Securing Declaration Form in the format provided.							
8.	Copy of beneficial ownership declaration.							
9.	Entire document must sequentially be paginated.							
10.	Must fill the price schedule/BOQ in the format provided.							
11.	Must fill the form of tender in the format provided and instructions provided.							
12.	Must duly filled up confidential business questionnaire in the format provided.							

No	Requirements	Bid 1	Bid 2	Bid 3	Bid 4	Bid 5	Bid 6	Bid 7
13.	Must fill the anti-corruption in the format provided.							
14.	Must fill the debarment form in the format provided.							
15.	Must fill the Code of ethics form and in the format provided.							
16.	Must fill the Tenderers information form in the format provided.							
17.	Valid Authorized Power of Attorney for the specific tender.							
18.	Tender security in form of unconditional bank guarantee from public commercial bank absolute figure of Kshs 250,000.00 (Kenya shillings five hundred thousand only)							
19.	Audited Accounts for 3 years (2021-2023) F/Y.							
20.	Valid business permit.							
21.	Meter sample must be provided.							
22.	<i>At this stage, the tenderers submission will either be responsive non responsive. The non- responsive submission will be eliminated from the entire evaluation process and will not be considered further.</i>							

MANDATORY COLD WATER METER TECHNICAL SPECIFICATIONS

Technical Requirement	Description	Bid 1	Bid 2	Bid 3	Bid 7
Required Certificates	Type approval certificate: Either according to EN ISO 4064: 2014, or OIML R49:2013, MID 2014/32/EU-to be provided during delivery. Manufacturer's authorization to sell, KEBS authorization certificate for the specific batch to supply (MUST).				
Communication mode	AMR enabled for remote connectivity and smart meter reading				
Meter Type	Velocity type				
Class of Meter	Class R >200 and above, Accuracy class				
Sizing of Meter	DN 15 Both the inlet and outlet are threaded and same size and on the same axis to ease connection to pipes via connectors. The corresponding fixed set of dimensions to BS 5728/1, ISO 4064 - 1: 2014				
External Case Bolts	Meter liners made of brass, meter seals made of rubbers material, meter casing-co-polymers, bolts and nuts mad of food grade stainless steel material				
Dial type	Circular, with straight reading (M ³), in a transparent capsule, Dry dial (protective propylene glycol or glycerin)- dial not in contact with water flowing				
counter	Temper proof glass with thickness of 5mm, scratch resistant, clockwise resistant, with multiplier scale in factors,				

Metrological requirements	Q_s = Starting Flow rate. DN Mm 15 Max length of meter & connector L Mm 110 250mm Q_3 m³/h 2.5 Q_3/Q_1 R 250 Q_s m³/h <6 Q_1 m³/h 0.01562 Q_2 m³/h 0.025 Q_4 m³/h 3.125				
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NARUWASCO COLD WATER METERS TECHNICAL SPECIFICATIONS

Metrological requirements	DN	mm	20	Max length of meter & connector	Bid 1	Bid 2	Bid 3	Bid 7
	L	mm	260	350 mm				
	Q3	m ³ /h	4					
	Q_3/Q_1	R	160					
	Qs	m ³ /h	< 2					
	Q1	m ³ /h	0.025					
	Q2	m ³ /h	0.04					
	Q4	m ³ /h	7.875					
Metrological requirements	DN	mm	25	Max length of meter & Connector				
	L	mm	260	400 mm				
	Q3	m ³ /h	6.3					
	Q_3/Q_1	R	200					

	Qs	m ³ / h	20					
	Q1	m ³ / h	0.0 397 5					
	Q2	m ³ / h	0.0 63					
	Q4	m ³ / h	7.8 75					

Technical Requirement	Description		Bid 1	Bid 2	Bid 3	Bid 7
Accuracy class and maximum permissible error (MPE)	<p>Accuracy class 2 water meters</p> <p>The water meter shall be designated as accuracy class 2. The Maximum Permissible Error (MPE) for the upper flow rate zone ($Q_2 \leq Q \leq Q_4$) shall be $\pm 2\%$, (for temperatures from 0.1°C to 30°C and $\pm 3\%$ for temperatures greater than 30°C).</p> <p>The MPE for the lower flow rate zone ($Q_1 \leq Q < Q_2$) shall be $\pm 5\%$ regardless of the temperature range.</p>					
Tightness, pressure, and temperature resistance	<p>Meters are watertight, Working pressure PN16</p> <p>Test pressure 2.5 x meter PN</p> <p>Temperature range cold water meter 50°C</p>					
Rotary piston and Meter PH	<p>Smoothly finished with thrust rollers</p> <p>PH 6.5 – 8.5</p>					

UWASCO COLD WATER METERS TECHNICAL SPECIFICATION

technical Requirement	Description	Bid 1	Bid 2	Bid 3	Bid 7
Material Requirement	<p>The material should be resistant to normal exposures,</p> <p>The meter body shall be UV stabilized co polymer, NOT plastic.</p> <p>The meter body material to be specified in the brochure clearly.</p> <p>The water meter shall be threaded. The meters shall be supplied complete with a set of connectors that are made of copper alloy or equivalent material resistant to corrosion, rust, and damage due to shock or vibration.</p> <p>The connectors shall be threaded to the correct male size, comprising cap nuts, linings, and fiber sealing washers. The meter linings shall have adequate provisions to safeguard against tampering.</p>				

technical Requirement	Description	Bid 1	Bid 2	Bid 3	Bid 7
Additional Technical Requirement	All meters shall be provided with effective inlet strainers, close fitting and designed for easy removal. Inlet strainers shall be of nickel-plated copper, stainless steel or other materials having satisfactory characteristics. All meters shall be delivered calibrated, The meter is permanently sealed to avoid tampering				
Non-return Valve	The meter shall have inbuilt Non – Return Valve to reduce the risk of water meter reversal fraud.				
Marks and Inscriptions	Direction of flow by means of an arrow should be shown on the body and easily visible under all circumstances, Nominal diameter Nominal Flow rate value – Q3 Class ratio Q ₃ /Q1 Temperature class Serial Numbered Unit of Measurement Maximum Admissible pressure (MAP) Name or trademark of the manufacturer Year of manufacture				
Engraving	Must be ENGRAVED NARUWASCO + Serial number on side reduce the chance of theft. Failure to engrave shall lead to automatic disqualification				

Technical Requirement	Description	Bid 1	Bid 2	Bid 3	Bid 7
Additional Non-Technical Requirements	Warranty: The minimum warranty period shall be two years. The supplier must produce a warranty document that shall be signed upon acceptance. The water meter manufacturer must guarantee that the meter will perform at its optimum accuracy throughout its lifespan with only the removal of silt. Manuals: Maintenance & Installation manuals and data sheets (in English) shall be provided.				

<p>Testing</p>	<p>Before authorizing payments and upon delivery after the award of contract, the company will be sampling 10% of the meters at random. A batch will be considered as failed if one or more meters do not comply with the established technical specifications or have failed the tests. Under these circumstances, the specific batch of meters has to be rejected. A random batch of 5% in every batch of 100 meters will be selected by a representative of the NARUWASCO's technical department.</p> <p>The tests must be conducted by a Kenya National Accreditation Service (KENAS) Accredited Meter Testing Laboratory such as KEBS</p> <p>The costs for testing shall be taken over by the supplier. Furthermore, the supplier has also to bear the costs for replacement if rejected.</p>				
<p>Sample</p>	<p>The bidders must submit one (1) non-returnable sample of a meter during delivery of the tender clearly labelled SAMPLE Must be provided (non-returnable). DN 15- 1 meter</p>				