



NAIROBI CITY WATER & SEWERAGE COMPANY LTD.

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NCWSC/SCD/CONT/55/2025/VOL.III/12876/WM

6th March, 2026

ALL BIDDERS

To _____

Dear Sir/Madam,

RE: ADDENDUM NO. 1 – NCWSC/55/2025 - SUPPLY, DELIVERY AND INSTALLATION OF ULTRASONIC FLOW METERS AND ELECTROMAGNETIC FLOW WATER METERS INCLUDING ASSOCIATED METER DATA MANAGEMENT SYSTEM WITHIN NAIROBI CITY WATER SEWERAGE COMPANY LTD DISTRIBUTION PIPELINES

Following clarifications sought by bidders, the following clarifications are hereby made. Please also take note of the changes to the closing date.

Request for Clarification	NCWSC response
<p>Accuracy Class - R800 (Ultrasonic/Electromagnetic Meters) The tender specifies R800 accuracy for ultrasonic/electromagnetic meters. From a metrological standpoint, R800 ratios are typically achievable in small consumer meters (e.g., DN15-DN25)</p>	<p>For bulk inline ultrasonic/electromagnetic flow meters R200 and above will be acceptable</p>
<p>Installation Requirement-0U/0D The specification indicates 0U/0D (zero upstream and zero downstream straight length). This configuration is generally applicable to small ultrasonic meters with integrated flow conditioning and is not standard across all bulk meter technologies.</p>	<p>This requirement is mandatory and the flow profile U0D0 requirement must be met</p>
<p>Meter Technology - Ultrasonic / Electromagnetic The technical specifications reference both ultrasonic and electromagnetic meters. Kindly confirm whether bidders are allowed to offer either ultrasonic or electromagnetic meters across all sizes, provided they meet the functional and performance requirements, or if specific technologies are mandatory for particular diameters. Chamber Size - 1000M Diameter We note that the chamber size is indicated as 1000M diameter. Kindly confirm whether this is a typographical error and that the intended dimension is 1000 mm diameter. Valves for Meter Isolation The tender also calls for supply of valves, which we assume are intended for meter isolation purposes. Based on the chamber dimensions provided, the available space may not be sufficient to accommodate both the meter assembly and the isolation valves within the same chamber. Kindly clarify the intended positioning of these valves and confirm whether</p>	<p>Yes, Bidders can bid using either Ultrasonic or Electromagnetic or both for the inline bulk meters. For chambers, it's 1000mm Diameter The client will provide protection chamber/sleeves for the isolation valves</p>

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separate valve chambers are available on site	
Do you require plain flanges, Weldon flanges or flange adaptors? Please see below images for your reference	The requirement is 1No. Weldon flange and 1No. Flange adaptor for GI Materials OR Flange adaptors as dictated by the pipe material on the ground
Please advise the pipeline material that these meters will be installed on	The pipe material cuts across all the available materials in the market, however the majority pipe materials are GI, PVC & HDPE with a minority of AC & CI
You have requested for M16 bolts and nuts, Please advise - Note that M26 size is not suitable for the large size of meters, do we quote for the respective bolts size or we stick to M16 - Advise if washers are required, if yes, how many	The bolts and nuts should be as per the meter size requirement complete with washers
Please advise if there are preferable manufacturers for the flowmeters and valves	NONE - NOT APPLICABLE IN THIS TENDER
The tender includes installation and commissioning . Can you clarify the scope, such as site preparation responsibilities, testing procedures, or any required training for NCWSC staff (e.g., number of trainees, duration)?	The Tender is for supply ,installaton ,testing & commissioning .The meters will be tested before installation.The training is as specified in the bill of quantities in the tender document
For fittings, 2 flanges and bolts/nuts per meter are required. Are there specific standards (e.g., material, PN rating) beyond PN16, and will NCWSC provide pipeline drawings for compatibility checks?	Pressure rating atleast PN 16.Meters will be installed as per the water meter installation standard
Inspections and tests are to be conducted in Nairobi (SCC GCC 26.2). What is the process for pre-delivery inspections at the supplier's premises, and who bears the costs if international travel is involved?	Pre-delivery inspection will be conducted at the manufacturers factory.Travelling at the cost of NCWSC fo its staff only
How many installation sites are anticipated, and can you provide details on their locations within NCWSC's distribution pipelines to assess logistics and compatibility?	Each meter will be installed at its own location within Nairobi County

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For insertion electromagnetic flow meters the installation is via 1" hot tap BSP/NPT. Are all target pipes confirmed to be suitable for hot tap installation without shutdown, and what are the typical pipe materials (e.g., steel, PVC)?	YES - The pipes are suitable for hot tap installation without shut down. The pipe materials majority are GI /Steel pipes
For communication possibilities (page 67), multiple technologies are listed (e.g., Wireless M-Bus, LoRaWAN, NBloT, GPRS-GSM). Is there a preferred technology, or are bidders free to propose any that meet the performance criteria and local regulations? If preferred, please specify.	No preference .However, the technology must meet the performance criteria and local regulations
Kindly confirm that the SIM cards and network subscription is not in the bidders scope	It's within the bidders scope
Kindly confirm that the required battery life is specified as minimum 10 years. Under what operating conditions (e.g., transmission frequency, temperature) is this lifetime guaranteed?	YES - 10 years is the minimum requirement
For the required MDM, the bidder must specify the minimum HW requirements, Please confirm that providing Hardware / hosting is out of the bidder scope	Data hosting will be done by NCWSC but the hardware will be provided by the bidder
Kindly specify if NCWSC accepts cloud-based MDM solution or on-prem only	On prem only
If cloud based solution is accepted, please advice if the subscription is meant to be covered by the bidder? If yes, please specify the period	N/A
Real-time alarms must be sent via SMS/email . What is the expected response time for alarms	Immediate
Payments are on a 60-day basis after certification (SCC GCC 16.1). Can you confirm if partial payments are allowed for phased deliveries, and what documents are required for certification?	As indicated in the tender document
Liquidated damages are Ksh 3,000 per day, max 10% (SCC GCC 27.1). How is "day of delay" calculated, especially for installation-dependent deliveries?	As indicated in the tender document
We are kindly requesting 3 weeks of extension for submission	Extended to Friday, 13 th March, 2026
Please advise if there are preferable manufacturers for the flowmeters and water meters	No preferred manufacturer
Kindly confirm that the scope is limited to supplying of Flow meters and water meters and there is no installation, software, or training is required	YES - Limited to supply on
The meter must support AMR/AMI for data collection. Can you provide details on integration requirements with NCWSC's existing systems, such as data formats or APIs for billing and water balance?	Integration will be done internally by the client
Are there any inspection or testing requirements at the supplier's premises before delivery	NO - inspection and testing done at NCWSC premises before acceptance
We are kindly requesting 3 weeks of extension for submission	Extended to Friday, 13 th March, 2026

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The closing date has been changed from **Wednesday, 11th March 2026**, at **12:00 noon** to **Friday 13th March, 2026** at **12:00 noon**.

All other terms and conditions of the tender remain unchanged.



Wilfred Maloba

For Managing Director

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C. Alaro, E. Wamuiya, J. Mukabwa, Martin Nang'ole (Ag. Managing Director)***