Known as Ekurhuleni Housing Company

(2000/007937/07) ("**the company**") Chris Hani Village, Cnr Victoria Street & Linton Jones Street, Germiston

Chris Hani Village, Cnr Victoria Street & Linton Jones Street, Germiston Tel: 011 825 0158 | Email: info@ehco.org.za | Website: www.ehco.org.za

Water Meters

Request for the supply and delivery of STS prepaid ultrasonic water meters with Customer Interface Units (CIUs) and integrated Lora/LoraWAN communication capabilities at Pharoe Park complex (448 units) RFQ NO: EHCWM/09/2025

Mandatory requirements

(a) Disqualifying Compliance Requirements

- Site assessment is compulsory.
- Failure to conduct a site visit will result in disqualification.
- A CIDB grading of 1CE

b) Administrative

- Up to date municipal account/statement for the company and all its directors (not in arrears for more than 90 days). In a case where a bidder is a lessee, a valid original or certified copy of a lease agreement must be supplied.
- Certified Director's ID copy. (Not older than three months from the closing date)
- CK)
- Valid tax pin
- · Company pricing with letter head
- Ck
- Valid BBBEE/affidavit (failure to comply bidder will forfeit points allocations of specific goal (80/20 specific goals points allocations as per threshold)
- Bank letter not older than three months
- Signed MBD Forms.
- Respond to RFQ document
- Valid tax pin
- CSD report

Compulsory Briefing

session

Date: 16 September

2025

Address: Angus Street and Victoria Street Germiston (next to Fire Station)

Time: 11:00 am

Closing Date 22 September 2025

Delivery Address: Angus Street and Victoria Street

Germiston (next to Fire Station)

Time:11h00 am

Submission must hand be delivered to EHC head office (Angus and Victoria Street Germiston 1400 next

BACKGROUND

Ekurhuleni Housing Company (EHC) derives its mandate from the City of Ekurhuleni (CoE). This mandate is informed by the national housing imperatives that are outlined through the Rental Housing Act, the Social Housing Act, and the MFMA. EHC provides and manages affordable rental housing for the lower income market as an integral part of efforts to eradicate the housing backlog in the Ekurhuleni Metropolis. The main target market comprises of home seekers whose household incomes meet the criteria for the Consolidated Capital Grant (CCG), which comprise of the Restructuring Capital Grant and the Institutional Housing Subsidy, which are available to beneficiaries whose total household income is between R1850 and R22 000 per month.

Scope of work

1. SCOPE OF WORK

Bidders must quote for water meters that meet or exceed the following specifications:

2.1 General Features

•Standard Compliance: OMIL R-49:2013(E) & EN14154

•Technology: Ultrasonic, STS-compliant with 20-digit encryption

•Recharge System: CIU for consumer token input

•Communication: RF/Lora/LoraWAN

Battery Life: Minimum 6 years

•Storage: Over 10 years of data retention without power

•Water Temperature Tolerance: Up to 50°C

•Tamper & Leak Detection: Mandatory

Magnetic Field Protection

•Warnings: Low credit & low battery alerts

•Tariff Setting: Flexible with debt collection support

•Accuracy: Class C, up to R250

2.2 Configuration

2.2.1 Split Configuration

•Water Meter Unit:To be installed in outdoor meter cabinet

•CIU Unit: To be installed inside consumer premises

•Connection Type: RF link between CIU and meter

•Hydraulic Parameters

Nominal Size Q4 (m^3/h) Q3 (m^3/h) Q2 (m^3/h)Q1 (m^3/h) Ratio (Q3/Q1)

DN15 3.125 2.5 0.016 0.01 250 DN20 5 4 0.256 0.016 250 DN25 7.875 6.3 0.04 0.025 250 2.3 Operating Conditions

Non-Executive Directors: L. Mtimde (Chairperson) T. Hangana, F. Dikgale. D. Hlawula

to fire station) in a sealed envelope stating the description and RFQ NO: EHC/WM/09/2025 and IN A RED TENDER BOX BY THE RECEPTION. PLEASE SIGN SUBMISSION REGISTER.

NB: please usure to drop the bid document in a red box by EHC reception.

NB: The RFQ document will be available for downloads on EHC website www.ehco.org.za

The entity reserves its following rights:

- To award the bid in part or in full,
- Not to make any award in this bid or accept any bids submitted,
- Request further technical information from any bidder after the closing date,
- Verify information and documentation of the bidder(s),
- Not to accept any of the bids submitted,
- To withdraw or amend any of the bid conditions by notice in writing to all bidders before closing of the bid and post-award, and
- If an incorrect award has been made to remedy the matter in any lawful manner it may deem fit.

Proposals are subject to the Standard Conditions of Tender and the Supply Chain Management Policy of EHC

The entity reserves the right to negotiate with the shortlisted bidder prior to the award and with the successful bidder post award. The terms and conditions for negotiations will be communicated to the shortlisted bidder prior to the invitation to negotiations. This phase is meant to ensure value for money is achieved through the measure of quality that will assess the monetary cost of the items or services against the quality and or benefits of that item or services.

The entity reserves the right to conduct due diligence during the evaluation phases, before the final award, or at any time during the contract period and this may include pre-announced/ non-announced site visits. During the due diligence process, the information submitted by the bidder will be verified and any misrepresentation thereof may disqualify the bid in whole or in part.

•Max Pressure: 16 bar

•Temperature Range: 0°C – 50°C •Max Relative Humidity: 93% •Altitude: 400–1400m ASL

•Measuring Range: 99999.9999m³

•Max Permissible Error:Q1 \leq Q \leq Q2: \pm 5%;Q2 \leq Q < Q4: \pm 2%

2.4 Electrical Specifications

• Battery Type: ER26500

· Voltage & Capacity: DC 3.6V / 6000mAh

Transducer Frequency: 1 MHzElectromagnetic Environment: E1

· Communication Type: Lora / LoraWAN

· Operating Current: ≤20uA

Sensitivity to Flow Fields: U10/D5

Dimensions

DN Size		Lengt	h (mm)	Width (mm)	Height (mm)
DN15	110	101	92	, ,	
DN20	130	101	92		
DN25	225	101	92		

The service provider is expected to assess existing meters and provide a detailed report to the entity.

2. Pricing Schedule

Description	Quantity	Unit price	Price Exl Vat
Supply, delivery	448		
of prepaid meters			
Servicing of	Item		
existing			
infrastructure			
Sub Total			
VAT			
Total price			

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Contact Person

Technical (Specification queries)
Xolile Mbatha
xolilem@ehco.org.za
Supply Chain Management (only queries related to SCM)
Dolly Phatlane/ Thozama Dalindyebo
dollyp@ehco.org.za/ thozamad@ehco.org.za