

17 July 2017

QUOTATIONS ARE HEREBY REQUESTED IN ACCORDANCE WITH THE SCM REGULATIONS SECTION 18 OF THE LOCAL GOVERNMENT MUNICIPAL FINANCE ACT 56 OF 2003, FOR THE PURCHASE OF ITEM/S THAT COULD BE ABOVE R30 000.00.

QUOTATIONS MUST BE SUBMITTED IN SEALED ENVELOPES CLEARLY MARKED “**SUPPLY & DELIVERY OF PLC METERS WITHOUT COMMUNICATION WIRE**” TO THE QUOTATION BOX SITUATED AT: RATES AND TAXES HALL (LESEDI OFFICES)
C/O LOUW AND HF VERWOERD STREET
HEIDELBERG
1438

DEPARTMENT: STORES

CLOSING DATE: 27 JULY 2017@12H00

ALL ENQUIRIES SHOULD BE REFERRED TO MS JACQUELINE VAN VUUREN AT 016 349 5319 OR MS SIBULELO NXATHI AT 016 492 0202 WITH REGARDS TO THE BIDDING PROCEDURE.

SPECIFICATIONS: SUPPLY & DELIVERY OF PLC METERS WITHOUT COMMUNICATION WIRE

QUANTITY: 180

DELIVERY PERIOD: 5 – 10 days after receipt of Order

Voltage ratings

Nominal voltage (-20% +±5%)	110VAC - 127VAC 220VAC - 240VAC
Supply frequency (±5%)	60Hz 50Hz

Current ratings

Base current (Ib)	5A
Max current (Imax)	100A
Min starting current Class 1	20mA
Utilisation category	UC2
Nominal power consumption	1.6W / 9VA
Accuracy	Class 1 and 2 (maintained throughout life cycle of product)
Over voltage rating	440VAC for 48 hours

Short circuit rating

Short-circuit withstand 3.0kA

Protection

Power overload Thermal overload

Current overload Line / load reversal

Over / under voltage Delayed reconnection

Environmental

Operating temperature

-10°C to +55°C

Storage temperature

-25°C to +70°C

Humidity

95% non-condensing

IP rating

IP 54 (Meter and user interface unit)

RF immunity

30V/m

Status indicators

Load / power status

MCU / UIU communication

Rate LED (1000 pulses / kWh)(On MCU)

Installation

Footprint

DIN rail mounted (35mm)

Insulation class

Double insulation

Terminal

Live Neutral

Type

Cage clamp Cage clamp

Maximum size

25mm² 16mm²

Interrogation

Type (Optional)

MC171 direct probe USB type port Flags (Optional) Radio frequency

Security

Meter housing

Security seals

Tamper protection

Tamper terminal cover Load disconnection on tamper detection

User Interface Unit w UIU range ranges

Without communication wire

Product specifications

Electrical ratings

Battery size (Alkalline)	AA
No. of batteries required	2
Battery voltage	1.5v
Operating voltage range	1.8v to 3V
Typical battery life	3 years
Customer displayed Information	Status of consumer's AC supply Available credit Low credit warning Token accept / reject Previously entered STS tokens (meter dependant) Meter status register Consumption data

Displays

Number of digits: 7 major / 2 minor
Character height: 15mm / 7mm
Type:Liquid crystal display
Viewing area: 53mm x 30mm
Enunciators: 10 segment bar graph

Keypad

Columns x rows: 3 x 4
Key press feedback: tactile / silicon rubber keys
Accessibility: visually impaired friendly

Audible feedback

Key presses
Token acceptance / rejection
Low credit warning

ICASA approval

TA-2009/565

WMI

Wireless Meter Interface

Connectivity

Meter: current loop or galvanically isolated WMI: RF modem

WMI electrical rating

Current Loop Galvanically isolated

Current loop (m A)-continuous

3 2

Operating voltage range (Vdc)

20 12

Communication

RF type: 433.05MHz to 434.790 MHz (SRD band within the 10Mw

RF communication distance

Line of sight: 100m built up environment: 50m

Insulation

Insulation system classification

Impulse

AC Voltage

ICASA approval

Terminals

Mounting

Environmental

Operating temperature

Storage temperature

Humidity

IP rating

Mechanical

6kV

4Kv(RMS) for 1 minute

A-2009/566

Type:Drop wire Maximum Size:0.7

35mm DIN mount 12.7mm bandit strapping

wUIU WMI

-10 C to + 55 C

-25 C to +70 C

95% non-condensing

IP 54 IP 65

You are required to submit an official quote on a company letterhead

Name of Company: _____

Fax: _____

Telephone: _____

Date: _____

The following documents must be submitted with the quotation, failure in submitting these documents will result in a quotation being disqualified:

- Original tax clearance certificate/Tax pin
- MBD Forms listed below (Evaluation Criteria)
- Latest municipal account / Clearance Certificate for Water and Lights
- CSD registration report

EVALUATION CRITERIA: 80/20 Preference point system as presented in the preferential procurement policy framework Act no 5 of 2000, for this purpose the MBD 2, MBD4, MBD 6.1, MBD 8 MBD 9 and the Clearance Certificate for Water & lights can be downloaded from our website on the following link: www.lesedilm.gov.za/key/scm MBD forms should be scrutinized, completed and submitted together with your quotation. All objections and complaints must be lodged within 14 days and in writing to the municipal manager's office.

Bidders who did not submit an original or certified copy of their B-BBEE Certificate will not be allocated preference points.

All bidders must ensure that they are registered on the National Treasury Central Supplier Database via the following link:business.support@csd.gov.za. No business will be conducted with any person who is not registered on this database.