



Lesedi Local Municipality

1 HF Verwoerd Street

Civic Centre Building, Heidelberg

PO Box 201, Heidelberg, Gauteng, 1438

Tel: +27 16 340 4538

Fax: +27 86 600 9157

Email: sibulelon@lesedico.za

Office of the Chief Financial Officer

QUOTATIONS/TENDERS ARE HEREBY REQUESTED IN ACCORDANCE WITH THE SCM REGULATIONS SECTION 18 OF THE LOCAL GOVERNMENT MUNICIPAL FINANCE MANAGEMENT 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 AND DELIVERY OF PRE-PAID METERS WITHOUT COMMUNICATION WIRE*

TO THE QUOTATION BOX SITUATED AT: RATES AND TAXES HALL (LESEDI OFFICES)

C/O LOUW AND HF VERWORD STREET

HEIDELBERG

1438

ON OR BEFORE 24th OF JULY 2014 @12HOO.ALL ENQUIRIES SHOULD BE REFERRED TO FREEK ZIERVOGEL @016 340 4367 OR JACQUELINE VAN VUUREN @016 349 5319

DEPARTMENT: STORES

DATE: 17 JULY 2014

WORK DESCRIPTION: BEC44 range PP Meter with communication wire

Product specifications

Voltage ratings

Nominal voltage (-20% \pm 5%) 110VAC - 127VAC 220VAC - 240VAC

Supply frequency (\pm 5%) 60Hz 50Hz

Current ratings

Base current (Ib) 5A

Max current (Imax) 100A

Min starting current
Class 1 20mA



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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
<u>Environmental</u>	
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)
<u>Installation</u>	
Footprint	DIN rail mounted (35mm)
Insulation class	Double insulation
Terminal	Live Neutral
Type	Cage clamp Cage clamp
Maximum size	25mm ² 16mm ²
<u>Interrogation</u>	
Type (Optional)	MC171 direct probe USB type port Flags(Optional) Radio frequency
<u>Security</u>	
Meter housing	Security seals
Tamper protection	Tamper terminal cover Load disconnection on tamper detection



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User Interface Unit w UIU rangeranges

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
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Keypad	Columns x rows:3 x 4 Key press feedback: tactile / silicon rubber keys Accessibility: visually impaired friendly
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Audible feedback	Key presses Token acceptance / rejection Low credit warning
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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



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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

Name of Company: _____ **Contact Person** _____

Telephone No : _____ **Fax/E-mail** _____

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

- Original tax clearance certificate
- Forms listed below (Evaluation Criteria)
- Latest Municipal Account
- Proof of registration with The Electrical Contracting Board must be submitted.
- B-BBEE Verification Certificate.



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Evaluation Criteria: 80/20 Preference point system as presented in the preferential procurement policy framework Act no 5 of 2000, for this purpose MBD 2, MBD 4, MBD 6.1 MBD 8, MBD 9 and CLEARANCE CERTIFICATE FOR WATER AND LIGHTS forms are obtainable at no cost from Ms Sebulelo Nxathi (016)3404538 @ Procurement Office should be scrutinized, completed and submitted together with your quotation. **All objections and complains must be lodge within 14 days and in writing to the municipal's managers office.**

NB: Bidders who are not registered on the Lesedi Local Municipality's database for the year 2014 should make sure that they fill in the application form and submit it as part of their bids.

AYANDA MAKHANAYA

MUNICIPAL MANAGER