

Dear Sir / Madam

REQUEST FOR FORMAL WRITTEN PRICE QUOTATIONS

QUOTATION NUMBER: MR 06/2022/23

Kindly furnish us with a written quotation for:

THE SUPPLY AND DELIVERY OF POWERLINE CARRIER ELECTRICAL PREPAID METERS AND COMMON BASE METERS TO THEEWATERSKLOOF MUNICIPALITY, CALEDON

The detailed project description and schedules are attached or can be obtained from **Mr. M Redelinghuys** at Tel: **028 214 3300** or e-mail: mariusre@twk.gov.za, as well as all technical enquiries.

A formal quotation must be submitted on the letterhead of your business and must have attached all relevant signed schedules and additional information as requested. Failure to do so will result in the quotation to be rejected. The quotation must be in a sealed envelope and clearly marked: **Tender Box No. 2**, for attention: **TWK Municipality, QUOTATION NO.: MR 06/2022/2023** and the service provider's name and address. Quotations will not be accepted if they don't comply with the marking instructions. Quotations must be placed in tender box **No. 2** at the **Main Entrance** of Theewaterskloof Municipality, 6 Plein Street, Caledon by no later than **12:00 on Friday, 18 November 2022** immediately after, which the quotations will be opened in public in the Council Chambers. If posted, interested service providers to ensure that sufficient time are given for the post to reach us before the closing date and time. Council cannot take responsibility for any delays
Site Meeting:

1. Standard Conditions of Quotation:

The following conditions will apply:

- a) Quotations must be completed in hand-written non-erasable black ink.
- b) Price(s) quoted must be valid for sixty (60) days from closing date.
- c) Price(s) quoted must be firm and must be inclusive of VAT, clearly indicating Price, VAT and Total Price.
- d) **The goods must be delivered after 2 weeks from date of official order.**
- e) This quotation will be evaluated in terms of the 80/20 preference point system as prescribed in the Preferential Procurement Regulations of 2017 and for this purpose **MBD 2, MBD 4, MBD 6.1, MBD 6.2, MBD 8 and MBD 9** forms which are available on the Municipal Website www.twk.gov.za must be completed and submitted together with your quotation.
- f) The successful provider will be the one scoring the highest points.
- g) A **Valid Tax Compliance Status Pin Certificate** and a copy of your **latest Municipal Account or Lease Agreement** should be attached to your quotation.
- h) **Council may accept a quotation in full, partially or not at all.**
- i) Payments will be made not later than 30 days, after the receipt of a tax invoice.
- j) Invoices must not be issued before goods / services have been supplied / rendered.
- k) The General Conditions of Contract will apply to this quotation.
- l) Calculation errors will be corrected by the Municipality by using the unit prices.
- m) If a valid B-BBEE certificate or Sworn Affidavits is not attached, it will be interpreted that the preference points for B- BBEE status level or contribution are not claimed.
- n) If a valid B-BBEE certificate or Sworn Affidavits is attached and if points are not claimed in terms of MBD 6.1 it will be interpreted that the preference points for B- BBEE status level or contribution are not claimed.
- o) Please note that the Municipality will not request a valid B- BBEE certificate or Sworn Affidavits if such is not attached to the bidders tender at closing date of this tender.
- p) The municipality reserves the right to appoint the bidder scoring first, second and third highest preference points at any time during the duration of the contract. When the tenderer scoring the highest

points cannot perform on the contract, the municipality has the right to purchase from the tenderer scoring the second highest points and if the second highest points scorer cannot perform on the contract, the municipality reserves the right to purchase from the tenderer scoring the third highest points.

- q) No Alternative offers will be accepted.
- r) It is the intension of the municipality to evaluate this formal written price quotation based on estimated quantities and make the award based on unit prices.

2. Bidders Obligations:

2.1 Eligibility Criteria

Only bidders who satisfy the following criteria are eligible to submit an offer: **(This is a requirement on submission of bid).**

2.1.1 Specification

- In order to be considered for a contract in terms of this quotation, the bidder must sign and declare compliance by **Schedule 1**.

2.1.3 Pricing Instructions

- In order to be considered for a contract in terms of this quotation, bidders are required to price on all items in the schedule of services required and sign.

2.1.3 Local Content

- Only those tenderers who have fully complied with the minimum threshold for Local Content Declaration are eligible to submit tenders. Refer to **Schedule 2**.

3. The Employer's Undertakings

3.1 Tests for Administrative Compliance

Bidders may be found non-compliant if, inter alia: (these documents may be requested)

- The bidder has failed to complete and sign and attach requested information to all schedules not excluded in responsiveness criteria;
- The bidder has failed to submit the MBD 2, MBD 4, MBD 6.2, MBD 8 and MBD 9 forms;
- The bidder has failed to submit a municipal account of where the head office of the company is registered or in case where the premise is leased, the bidder has failed to provide a copy of the lease of the premise;
- The bidder has failed to submit a valid Tax Compliance Status Pin Certificate.
- The bidder has failed to submit a certified B-BBEE certificate, EME or QSE affidavit, whereas points were claimed and a copy of certificate or affidavit was supplied, a certified copy of the B-BBEE certificate, EME or QSE affidavit may be requested.
- The bidder has failed to submit local content declaration documents, these documents may be requested.

NB: No quotations will be considered from persons in the service of the state

Failure to comply with these conditions may invalidate your offer.

Yours faithfully

**SIGNATURE
SUPPLY CHAIN MANAGEMENT UNIT**

DATE: 04 NOVEMBER 2022

SCHEDULE OF SERVICES REQUIRED

NO	DESCRIPTION	STORE ITEM CODE	ESTIMATE QUANTITY	UNIT PRICE		PRICE	
				R	c	R	c
1	Power line carrier Electrical single phase prepaid meters MIU	0004809	40				
2	Power line carrier Electrical prepaid meters CIU plug in keypads	0004047	40				
3	Power line carrier Electrical three phase prepaid meters MIU	0004810	10				
4	wUIU(09) Keypad (wireless user interface unit)	0004815	60				
5	Single phase, common wallbase, combo meter complete with base	0004813	60				
NB: PRICES MUST BE INCLUSIVE OF ALL ASSOCIATED COSTS.				Sub Total			
				VAT 15%			
				Estimated TOTAL			

***NB: Please indicate the type of meter and keypad to be supplied:

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DELIVERY ADDRESS:

Theewaterskloof Municipality
 Caledon Municipal Store
 Cemetery Street
 Caledon
 7230

I/We, the undersigned, do hereby declare that these are the properly priced Bill / Schedules of Quantities forming part of this Contract Document containing Pages in consecutive order upon which my/our Quotation No. **MR 06/2022/2023: THE SUPPLY AND DELIVERY OF POWERLINE CARRIER ELECTRICAL PREPAID METERS AND COMMON BASE METERS TO THEEWATERSLOOF MUNICIPALITY, CALEDON**

My/our total Contract Price for this work and above items (Total) is (in words)

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SIGNED BY THE BIDDER

SCHEDULE 1: SPECIFICATIONS

SPECIFICATIONS FOR METER INTERFACE UNIT DIN RAIL	
SINGLE PHASE, 2-WIRE	
Enclosure format	
	Rail mount, with locking clip compatible with 35mm DIN standard rail or flush mounting using keyhole slot and bottom fixing screws. Long and short terminal covers supported
IEC Specific Data	
Rated voltage (U_n)	
	Wide-range: 110 to 240 Volts AC
Frequency	
	50Hz or 60Hz
Extended operating voltage range	
	80% to 120% U_n
Base current (I_b)	
	5 Amps
Maximum current (I_{max})	
	80 Amps
Short circuit current	
	$30 \times I_{max}$ (≤ 10 ms according to IEC 62053-21) 2.5kA r.m.s. (Utilisation Category UC2 according to IEC 62055-31)
Meter constant (LED flash rate):	
	1000 impulses / kWh
	1000 impulses / kVAh ¹
Measurement Accuracy:	
	Active energy, according to IEC62052-11/62053-21 class 1
	Reactive energy, according to IEC62053-23 Class 2 for $I_b = 10$ A, Class 3 for $I_b = 5$ A
Measurement behaviour:	
	Starting current $\leq 0.004 I_b$ for Class 1
General Data	
Operating Behaviour	
Power consumption in voltage circuit:	
	Active power at U_n (max) <2W
	Apparent power at U_n (max) <12VA
Power consumption in current circuit:	
	Apparent power at I_b (max) <7VA
Environmental Influences:	
Area of application:	
	Indoor meter (according to IEC62052-11)
Temperature range:	
	Operation meter -10°C to +55°C
	Storage -40°C to +70°C
Relative humidity:	
	Maximum $\leq 95\%$, annual mean 75%
Degree of Protection (according to IEC60529)	
	IP Rating IP54
	Product is for indoor use and must be installed in a suitable enclosure when used outdoors
Electromagnetic Compatibility:	
Electrostatic discharges (IEC61000-4-2)	
	Air discharge 15kV
Electromagnetic RF fields (IEC 61000-4-3)	
	80 MHz to 2 GHz 10V/m with Load 30V/m with load

Fast transient burst (IEC61000-4-4)
Current / voltage under load (IEC 62053-21) 4kV
Radio interference suppression (IEC / CISPR 22)
Complies with requirements for CISPR 22 and CENELEC EN 50065-1
Insulation Strength
Insulation System Classification
(According to IEC 62052-11) Protective Class II
Insulation Level
4 kV rms @ 50Hz for 1 minute
Overvoltage withstand
440 Vac for 48 hours, 600 VDC for 1 minute
Meter constant (LED flash rate)
1000 impulses / kWh
1000 impulses / kVAh ¹
Measurement Accuracy
Active energy, according to IEC62052-11/62053-21
Surge Immunity:
Voltage impulse withstand (Differential)
Meets the requirements of IEC 62052-11
Current impulse withstand
According to:IEC62052-11 , SANS 61643-1
With external arrester
Withstand rating 30kA , 8/20us
Without external arrester
Withstand rating 10kA , 8/20us
Calendar Clock
Normal operation
Accuracy (at +23°C) +0.2s/day
Reserve running
Accuracy (at +23°C) <1s/day
(EN 62054-21 requirements for time switches: 1.0s)
Operational Reserve
With super-capacitor minimum 36 hours
(RTC Synchronised by Data Concentrator)
Outputs
Optical Test output (Active or reactive)
Type Visible Red LED
Meter constant ¹ 1000 pulses/kwh
1000 pulses/kVAh
Meter Faceplate Indications
Meter Status Indication
Type Visible Yellow LED
Meter Load Switch Indication
Type Visible Red LED
PLC Status Indication
Type Visible Green LED
Phase Connections
Format
Type Bottom Connect(Live Neutral, Load)
Terminal Details
Material Mild steel, yellow passivated
Type Single (M8) moving-cage terminal
Diameter 8.5mm
Maximum conductor cross-section ¹ 25mm
Type of screw slotted (Flat screw driver)
Communication Interfaces
Optical Communications Port

According to IEC 62056-21
Eskom Interrogation Port (optional fitment)
According to Eskom DSP34-1635 specification ¹
PLC Interface
Type OFDM G3-PLC
Narrowband Orthogonal Frequency Division Multiplexing (OFDM) for G3 networks in accordance with recommendation ITU-T G.9903 and CENELEC-A band plan
Refer - IEC61334-4-41, ISO/IEC13239/ EN 50065
Range Typical ≥200m
Load Switch
Contact Data
According to IEC 62055-31 for Utilisation Category UC2
Meter Enclosure Material
Material (Housing)
Type: Polycarbonate, flame-retardant
Resistance to spread of fire
UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'
Material (Terminal block)
Type: Polycarbonate, flame-retardent, glass –filled
Resistance to heat and fire
Complies with 960°C glow-wire (IEC 60695-2-1)
Weights & Dimensions
Dimensions
135.5mm(H) x 50.3mm(W) x 110mm(D) (Short cover)
165.5mm(H) x 50.3mm(W) x 110mm(D) (Long cover)
Please also refer to dimensional drawings
Weights
Including packaging (excl. MOV) approx. 450grams
Including packing (Incl. MOV) approx. 455grams
Sealing
Type
Meter enclosure Factory sealed for life
Terminal Cover Utility sealing wires (1 point) Long and short cover
Specifications Compliance & Approvals
SANS 1524-1, ESKOM DSP34-1635, IEC62055-31, IEC 62053-23, IEC 62055-41 and IEC 62055-51, IDIS

PLC Customer Interface Unit

General Data
Supply Voltage
110-240 VAC wide ranging power supply
Supply frequency
50Hz or 60 Hz
Power consumption (Burden)
<1.5W/<12VA @230VAC, 50Hz
Protective Class
Double insulated – Protective Class 2
Supply Connection
Mains supply by means of integrated power cord. Variants are available with various international power plugs
Battery
1x9 Volt (6LR61 type) battery

Communications Circuitry
Type
Narrowband OFDM G3-PLC Power Line Carrier
Protocol
Device Language Message Specification (DLMS)
Specification compliance
IEC 61334-4-41, IEC 61334-5-2, and EN 50065-1
Operating Environment
Temperature Range
Operating -10°C to +55°C
Storage -40°C to +70°C
Relative Humidity (IEC 62052-11)
Maximum ≤ 95%; Annual mean <75%
Enclosure
Type
Wall mounted with integrated AC power cord and sliding battery compartment
Degree of Protection (IP Rating)
IP 51
Material
UV Stable Polycarbonate/ABS blend with flame-retardant, Resistance to heat and fire
Complies with 960°C glow-wire (IEC 60695-2-1)
Resistance to spread of fire
UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'
Dimensions
144mm(H) x 120mm(W) x 40.8mm(D)
Weight
Including packaging ¹ Approximately 350 g
Sealing & Access Control
Battery Compartment
Type sliding compartment for battery replacement
Customer Interface Unit Enclosure
Factory sealed – no user serviceable parts
Man-Machine Interface
Type
Pictographic/Numeric LCD display, keypad, multi-colour rate of consumption indicator and alert LED's and audible feedback
Liquid Crystal Display (LCD)
Size 9cm ² (50mm(W) x26mm (H) 8 digits in value field, 6 digits in the index field. Digit size: 8mm (H) x4mm (W)
Compliance / Certification ^s
Designed to conform to SANS/IEC60950
Keypad
16-key, including 12-key standard layout including "Information" and "Backspace" keys as well as separate additional smart user keys
Buzzer
Audible feedback on key press, token accept and reject melodies and alarms
Rate of consumption Indicator (Rate LED)
Multi-colour rate LED (colour indicates current credit level). Not for accuracy verification.
Alarm Indicator
Multi-colour LED indications for ease of use and additional audible warning of critically low credit status or other operational warning

SPECIFICATIONS FOR METER INTERFACE UNIT DIN RAIL	
THREE PHASE, FOUR-WIRE	
General Overview	
Compatible network	
Three phase, four-wire	
Enclosure format	
Three phase, asymmetrical terminal format. Short terminal standard, long cover optional	
IEC Specific Data	
Rated voltage (Un)	
Wide-range: 3 X 120 to 240 Volts AC	
Frequency	
50Hz or 60Hz	
Extended operating voltage range	
Voltage (for Un = 230V), 50% to 120% Un i.e.>115V	
Voltage (for Un = 120V), 80% to 120% Un i.e.>90V	
Base current (Ib)	
5 Amps	
Maximum current (Imax)	
100 Amps per phase	
Short circuit current	
30 x Imax (≤ 10 ms according to IEC 62053-21) 3kA r.m.s. (Utilisation Category UC3 according to IEC 62055-31)	
Meter constant (LED flash rate)	
1000 impulses / kWh	
1000 impulses / kVAh	
Measurement Accuracy	
Active energy, according to IEC62052-11/62053-21 Class1	
Reactive energy, according to IEC62053-23 Class 3 for Ib = 5A	
Measurement behaviour	
Starting current (Active)	≤ 0.004 Ib for Class 1
Starting current (Reactive)	< 0.005 Ib for Class 2
General Data	
Operating Behaviour	
Power consumption in voltage circuit (with all three phases powered up)	
Active power at Un 120V	< 1.2 W
Active power at Un 230V	< 1.6 W
Apparent power at Un 120V, 50Hz	< 4 VA / phase
Apparent power at Un 230V, 50Hz	< 12.5 VA / phase
Environmental Influences	
Area of application	
Indoor meter (according to IEC62052-11)	
Temperature range	
Operation meter	-10°C to $+55^{\circ}\text{C}$
Storage	-40°C to $+70^{\circ}\text{C}$
Relative humidity	
Maximum	$\leq 95\%$; Annual mean 75%
Degree of Protection (according to IEC60529)	
IP Rating	IP 53
Product is for indoor use and must be installed in a suitable enclosure when used outdoors	
Electromagnetic Compatibility	
Electrostatic discharges (IEC61000-4-2)	
Air discharge	15kV
Electromagnetic RF fields (IEC 61000-4-3)	
80 MHz to 2 GHz	10 V/m with load
80 MHz to 2 GHz	30 V/m no load
Fast transient burst (IEC61000-4-4)	
Current / voltage under load (IEC 62053-21)	4kV

Radio interference suppression (IEC / CISPR 22)	
Complies with requirements for CISPR 22 and CENELEC EN 50065-1	
Insulation Strength	
Insulation System Classification	
(According to IEC 62052-11)	Protective Class II
Insulation Level	
4 kV rms @ 50Hz for 1 minute	
Overvoltage withstand	
440 Vac for 48 hours, 600 VDC for 1 minute	
Surge Immunity	
Voltage impulse withstand (Differential)	
Meets the requirements of IEC 62052-11	
Current impulse withstand	
According to: IEC 62052-11, SANS 61643-1	
With external arrester	Withstand rating: 30 kA, 8/20 μ s
Without external arrester	Withstand rating 10 kA, 8/20 μ s
Calendar Clock	
Normal operation	
Accuracy (at +23°C)	+ 0.2 s/day
(EN 62054-21 requirement for time switches: 1.0s)	
Reserve running	
Accuracy (at +23°C)	<1 s/day
Operational Reserve	
With super-capacitor	minimum 36 hours
(RTC Synchronised by Data Concentrator)	
Rate of Use Output	
Optical Test output (Active or reactive)	
Type	Visible Red LED
Meter constant	1000 pulses/kWh
Meter constant	1000 pulses/kVAh
Meter Faceplate Indications	
Meter Status Indication	
Type	[Dual colour] Visible Yellow LED
PLC Status Indication	
Type	[Dual colour] Visible Green LED
Meter Load Switch Indication	
Type	LCD Icon
Phase Connections	
Format Type	Asymmetrical, 8 terminals
Terminal Details	
Material of terminal	Brass
Type	Terminal with two screws
Diameter	9.5 mm
Minimum conductor cross-section	4.0 mm ²
Maximum conductor cross-section	35.0 mm ²
Type of screw:	
Steel zinc-plated Pozidrive combi screws (default)	
- Screw dimensions	M6 x 14
- Maximum screw head diameter	≤ 6.6 mm
- Cross-slot	type Z, size 2 (ISO4757-1983)
- Slot width	0.8 mm
- Slot length min.	6 mm
Communication Interfaces	
Optical Communications Port	
According to IEC 62056-21	
G3-PLC Interface	
Frequency band	
OFDM G3-PLC with COSEM/DLMS communication protocol according to EN50065-1 supporting the following OSI Layers:	
ITU-T G.9903 physical layer for modulation, adaptive tone mapping and notching	

MAC layer IEEE 802.15.4; time domain and collision management; CSMA/ARQ
6LoWPAN adaptation sub layer Plug and Play network management to choose "Best Path" (Full Mesh Support)
IPv6 IETF RFC4291/4862 addressing and networking
DLMS application layer 62056-53
COSEM application model: 62056-61 (OBIS) and 62056-62 (interface classes)
Range: Typically >200m with G3-PLC repeater functionality
Load Switch
Contact Data
According to IEC 62055-31 for Utilisation Category UC3
Inputs and Outputs
Pulse Input
Type S0
Terminals 30 (+) and 31 (-)
According to IEC 62053-31 Class A
Configurable as pulse counter or alarm input
Output
Terminals 23 and 24
Type solid-state auxiliary load switch
Nominal voltage 230 VAC/DC
Maximum voltage 250 VAC/DC
Maximum switching current 90 mA
Meter Enclosure Material
Material (Housing)
Type: Polycarbonate, flame-retardant
Resistance to spread of fire
UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'
Material (Terminal block)
Type: Polycarbonate, flame-retardant, glass-filled
Resistance to heat and fire - Complies with 960°C glow-wire (IEC 60695-2-1)
Weights & Dimensions
Dimensions
Width/Height/Depth 172.0 / 198.8 / 76.6 mm
Weight
Including packaging approx.1.5kg
Sealing
Type
Meter enclosure
Terminal Cover Utility sealing wires (2 points)
Terminal Cover Long and short (default) covers
Specifications Compliance & Approvals¹
IEC 62053-21, IEC62053-23, IEC62055-41 and IEC62055-51, dlms
SPECIFICATIONS FOR wUIU(09) KEYPAD (WIRELESS USER INTERFACE UNIT)
Electrical Ratings
Battery size: (Alkaline) AA
Number of batteries required: 2
Battery voltage: 1.5V
Operating voltage range 1.8V - 3V
Typical battery life 3 years
Customer displayed information
Status of customers AC supply
Available credit
Low credit warning
Token accept/reject
Previously entered STS tokens (meter dependant)

Meter status register
Range, dependant on environment and installation
Displays
Number of digits: 7 major / 2minor
Character height: 410mA
Type: Liquid crystal display
Viewing area: 53mm x 30mm
Enunciators: 6 icons and 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
Environmental
Operating temperature -10°C to +55°C
Storage temperature -25°C to +75°C
Humidity 95% condensing
IP rating IP45
Standards
IEC 62051-1
IEC 62052-11
IEC 62053-21
IEC 62055-21
IEC 62055-31
IEC 62055-41
IEC 62055-51
IEC 62055-52
IEC 62056-21
SANS 1524-1
SANS 1524-1-1
SANS 1524-1-2
SANS 1524-4
SANS 15417
STS 101-1
STS 201-15.1.0
DSP 34-749
DSP 34-1527
IEC 61000-4-2
IEC 61000-4-3
IEC 61000-4-4
IEC 61000-4-5
IEC 60950-1
CISPR 22
SANS 300220-1
ETSI EN300220-1
DSP 34-1635
RES/RR/00/11740
ISO 9001
ISO 14001
OHAS 18001
TA-2009/565

SPECIFICATIONS FOR SINGLE PHASE, COMMON WALLBASE, COMBO METER
Standards that apply
IEC 62055-21, IEC 62055-31, IEC 62055-41, IEC 62055-52, SANS 1524-1, STS, IEC 62052-11, IEC 62053-52, DSP 34-1635 SABS/SANS
Electrical ratings
Class Accuracy 1 (or more accurate) - Active Energy
Voltage range 220V/240 (80% to 115%)
Current range 5(80) A
Frequency 50Hz (+/- 2%)
Terminal arrangement
Eskom Standard Base format
Environmental ratings
IP rating - IP51 (Indoor)
RF Immunity - 30V/m
Operating temperature -15degC to +55degC
Storage temperature -15degC to +70degC
Humidity operating range - 95% RH
Functionality
TID rollover ready with the meter configured with the new base dates
Tamper detection function – Disconnection, Magnetic
Configurable Emergency Credit
Quality of Supply event detections
Visual indicators for different meter conditions - Rate, Relay/Load Switch Status LED status indicators The meter implements a LED function to indicate the rate of consumption (Rate LED). The meter also implements a LED function to indicate the status of the relay.
Communication
Optical Port communication, two way
User Display –
LCD 8 digit values and language independent icons. (6 Large Digits with 16 segments and 2 small digits with 7 segments) to improve readability.
3 x 4 keypad
Visually impaired consideration (such as Braille on the keypad)
Features in the front cover to indicate position of the 5 and 0 keys.
LCD same as the Standard Base CIU.

If the bidder fails to sign this schedule, it will be interpreted that the bidder does not comply with the Specifications and therefore will be regarded as being not eligible.

I hereby declare that I comply with the Specifications.

Name of Bidder:

Signature on Behalf of Tenderer:

Date:

**SCHEDULE 2:
DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR
DESIGNATED SECTORS**

MBD 6.2

**DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR
DESIGNATED SECTORS**

This Municipal Bidding Document (MBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand
y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

- 1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;
2. **The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
2. Electricity Meters (excluding smart meters)	70%

3. Does any portion of the goods or services offered have any imported content?
(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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- 3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thdti.gov.za/industrialdevelopment/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
 do hereby declare, in my capacity as
 of(name of bidder entity),
 the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
 - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

ANNEXURE C

SATS 1286.2011

Local Content Declaration – Summary Schedule

(C1) Tender No.	MR 06/2022/23					
(C2) Tender Description	THE SUPPLY AND DELIVERY OF POWERLINE CARRIER ELECTRICAL PREPAID METERS AND COMMON BASE METERS TO CALEDON					
(C3) Designated product(s)	Electricity Meters					
(C4) Tender Authority	Theewaterskloof Municipality					
(C5) Name of Tendering Entity						
(C6) Tender Exchange Rate	Pula		EU		GBP	
(C7) Specified local content %	70%					

NOTE: VAT to be excluded from all calculations

		Calculation of local content					
<i>Tender Item No's</i>	<i>List of Items</i>	<i>Tender Price – each</i>	<i>Exempted imported value</i>	<i>Tender value net of exempted imported content</i>	<i>Imported value</i>	<i>Local value</i>	<i>Local content % (per item)</i>
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)
1	Power line carrier Electrical single phase prepaid meters MIU						
2	Power line carrier Electrical prepaid meters CIU plug in keypads						
3	Power line carrier Electrical three phase prepaid meters MIU						
4	wUIU(09) Keypad (wireless user interface unit)						
5	Single phase, common wallbase, combo meter complete with base						

Tender summary			
<i>Tender Quantity</i>	<i>Total tender value</i>	<i>Total exempted imported content</i>	<i>Total imported content</i>
(C16)	(C17)	(C18)	(C19)
40			
40			
10			
60			
60			

(C20) Total tender value

(C21) Total Exempt imported content

(C22) Total Tender value net of exempt imported content

(C23) Total Imported content

(C24) Total local content

(C25) Average local content % of tender

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE

ANNEXURE D

SATS 1286.2011

Imported Content Declaration – Supporting Schedule to Annexure C

(D1)	Tender No.	MR 06/2022/23				
(D2)	Tender Description	THE SUPPLY AND DELIVERY OF POWERLINE CARRIER ELECTRICAL PREPAID METERS AND COMMON BASE METERS TO CALEDON				
(D3)	Designated product(s)	Electricity Meters				
(D4)	Tender Authority	Theewaterskloof Municipality				
(D5)	Tendering Entity's Name					
(D6)	Tender Exchange Rate	Pula		EU		GBP

NOTE: VAT to be excluded from all calculations

A. Exempted imported content				Calculation of imported content					
Tender item no's	Description of imported content	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)

Summary	
Tender Quantity	Exempted imported value
(D17)	(D18)
(D19) Total exempt imported value	
This total must correspond with Annex C – C21	

B. Imported directly by the Tenderer				Calculation of imported content					
Tender item no's	Description of imported content	Unit of measure	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)

Summary	
Tender Quantity	Total imported value
(D30)	(D31)
(D32) Total imported value by tenderer	

ANNEXURE D – Continued

SATS 1286.2011

Imported Content Declaration – Supporting Schedule to Annexure C

NOTE: VAT to be excluded from all calculations

C. Imported by a 3 rd party and supplied to the Tenderer				Calculation of imported content						Summary	
Description of imported content	Unit of measure	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)

(D45) Total imported value by 3rd party

D. Other foreign currency payments			Calculation of foreign currency payments		Summary of Payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender rate of exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content and foreign currency payments – (D32), (D45) and (D52) above

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

This total must correspond with Annex C – (C23)

DATE

ANNEXURE E

SATS 1286.2011

Local content Declaration – Summary Schedule to Annexure C

(E1) Tender No.	MR 06/2022/23	NOTE: VAT to be excluded from all calculations
(E2) Tender Description	THE SUPPLY AND DELIVERY OF POWERLINE CARRIER ELECTRICAL PREPAID METERS AND COMMON BASE METERS TO CALEDON	
(E3) Designated product(s)	Electricity Meters	
(E4) Tender Authority	Theewaterskloof Municipality	
(E5) Tendering Entity's Name		

LOCAL PRODUCTS (Goods, Services and Works)

Description of items purchased <i>(E6)</i>	Local suppliers <i>(E7)</i>	Value <i>(E8)</i>
(E9) Total local products (Goods, service and works)		

(E10) Manpower costs (Tenderer's own manpower cost)

(E11) Factory overheads (Rental, depreciation & amortization, utility costs, consumables, etc.)

(E12) Administration overheads and mark-up (Marketing, insurance, financing interest, etc.)

(E13) Total local content

This total must correspond with Annex C – C24

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE THEEWATERSKLOOF MUNICIPALITY					
Bid Number:	MR 06/2022/2023	Closing Date:	18 November 2022	Closing Time:	12:00
Description:	THE SUPPLY AND DELIVERY OF POWERLINE CARRIER ELECTRICAL PREPAID METERS AND COMMON BASE METERS TO THEEWATERSKLOOF MUNICIPALITY CALEDON				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (CONTRACT FOR THE RENDERING OF SERVICES)					
Bid Response Documents may be Deposited in the Bid Box NO. 2 situated at:					
MUNICIPAL HEAD OFFICE					
06 PLEIN STREET					
CALEDON					
7230					
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> No	
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
1. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		2. ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]	
3. TOTAL NUMBER OF ITEMS OFFERED			4. TOTAL BID PRICE	R	
5. SIGNATURE OF BIDDER		6. DATE		
7. CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL INFORMATION MAY BE DIRECTED TO:		
DEPARTMENT	SCM		CONTACT PERSON	Marius Redelinghuys	
CONTACT PERSON	Zhane Parnell		TELEPHONE NUMBER	028 214 3300	
TELEPHONE NUMBER	028 214 3300		FACSIMILE NUMBER	N/A	
FACSIMILE NUMBER	028 212 1229		E-MAIL ADDRESS	mariusre@twk.gov.za	
E-MAIL ADDRESS	Zhanepa@twk.gov.za				

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:										
<p>1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE</p> <p>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p>										
2. TAX COMPLIANCE REQUIREMENTS										
<p>2.1 Bidders must ensure compliance with their tax obligations.</p> <p>2.2 Bidders are required to submit their unique personal identification number (pin) issued by sars to enable the organ of state to view the taxpayer's profile and tax status.</p> <p>2.3 Application for the tax compliance status (tcs) certificate or pin may also be made via e-filing. In order to use this provision, taxpayers will need to register with sars as e-filers through the website www.sars.gov.za.</p> <p>2.4 Foreign suppliers must complete the pre-award questionnaire in part b:3.</p> <p>2.5 Bidders may also submit a printed tcs certificate together with the bid.</p> <p>2.6 In bids where consortia / joint ventures / sub-contractors are involved, each party must submit a separate tcs certificate / pin / csd number.</p> <p>2.7 Where no tcs is available but the bidder is registered on the central supplier database (csd), a csd number must be provided.</p>										
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS										
<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?</td> <td style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?</td> <td style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?</td> <td style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?</td> <td style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?</td> <td style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> </table> <p>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.</p>	3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO	3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO	3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO	3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO	3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO									
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO									
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO									
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO									
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO									

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED: