

# BA-PHALABORWA MUNICIPALITY MEMORANDUM

#### - BUDGET AND TREASURY \_

TO : Prospective Service Provider

FROM : SCM /STORES DATE : 18/12/2023

**ENQUIRIES** : **PROCUREMENT OFFICE** 

*TELEPHONE* : 015 780 6361/62 REF : EL121:23/24

Kindly furnish this office with a written quotation for supply of goods/ services as detailed below. The quotation must be submitted on the letterhead of your Business and brought to our offices at No 3 Nyala Street, Phalaborwa not later than 29/12/2023 **at 12H00** 

QUANTITY	Description	PRICE/UNIT (Inc. VAT)	DELIV ERY PERI OD
25	meter prepaid split-3phase PLC		

# Please number your quotes (Your Ref no)

The following conditions will apply:

Price (s) quoted must be valid for at least thirty (30) days from date of your offer. The municipality retains the prerogative to reject any quotes it deems to be excessive A firm delivery period must be indicated.

Tax Clearance Pin

A service provider be registered with central supplier database (CSD)

Completed MBD4 (Declaration of Interest) Form

Registered with CIPRO (CK 1 or 2 document)

BBBEE Certificate certified by a SANAS accredited institution.

Evaluation criteria: 80/20 (where 80 is for price and 20 is for Objective goals)

20 is further evaluated: 20 for 100% Black-owned;

18 for + 51% Black-owned; and 14 for less than 51% Black-owned

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# 14 for Less than 51 % Black owned



BA PHALABORWA MUNICIPALITY

Budget and Treasury

Procurement and Stores

# BA-PHALABORWA MUNICIPALITY DEPARTMENT OF TECHNICAL SERVICES. PRE-PAID ELECTRICITY METERS

#### BID SPECIFICATIONS

### BID DESCRIPTION: SUPPLY AND DELIVERY OF SINGLE AND THREE PHASE PRE-PAYMENT METERS

- 1. The prepayment meter must be a Split meter which shall consists of the following components:
  - a) Energy management Unit (EMU)
  - b) Consumer interface Unit (CIU)
- Communication between consumer interface unit and energy management unit:
  - By means of power line carriers (PLC) technology.
  - MUST be of design that doesn't allow appliances or equipment to interfere with the communication of the meter.

#### Energy management unit (EMU)

- a) The footprint of the energy management unit (metering unit) must be a compact meter (EMU) design, with DIN rall-mount or compact BS housing layout for single phase and compact BS housing for triple phase.
- b) Rated voltage 230 Volts AC.

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operating ge 230 volts (-20%

Over voltage Withstand SABS (152'4) 400 volts or 48 hours.

Basic current 20 Amp9

Maximum con inuoue Current Imax. - (s/p)80 Am s end (tlè)i00Åmps

Measuring cu ency (SABS; 'EC6 1030 Accuracy class) — Class (approx. 2ºŽø.from

• to Imax).

Rated (reguen y-50 H'z.

Power: consu pfion I Burden •Voltage circult<3 atts 1 12 VACurrent circuitQ2,6VÅit•':'• • Inherent volta e Impurse withstand (BIL) w 6Kv 1, 150»s

(No surge arr stor)Wtth surge <sup>r</sup>arrestor- Service r ting 5Ka (8åOgs:wavefprm) Withstand rat! g (2mlnutes)L 30Ka (6/2011s wavef tm) Insulation properties(.'I Mlnüte) 2kVrme (Clas 1) 4kV impulse (Class i) 1,2150gs veform Oveévoltage 400 volts for:48 hours

Energy. directl n —Forward and i€verse

Disconnecting Device pole fetching c ntactor Rated cutrent 3 pòEe latchin contactor Rated current 100 Amps my.

Applicabtesb 6 1033SA S 1524 NRSO 9

Short circuit e rent: 2,4Ka

#### 3.1 Environmental Condition •

a) • Operating temp. rang : -IO°C (+14°F) to \*55°0 @131F•)

Storage temp. range; 25<sup>6</sup>C +70<sup>1</sup>C @158<sup>0</sup>F)

Relative humEdity 6 1036)-annual mean (Max. 5%)

Degree 3f protectioh : P Total encryption meth d

Communication circuit: Up to 100 metres.

Sealing: Factory seale with scœw,, seale ar stainless stee wire farrui sea .

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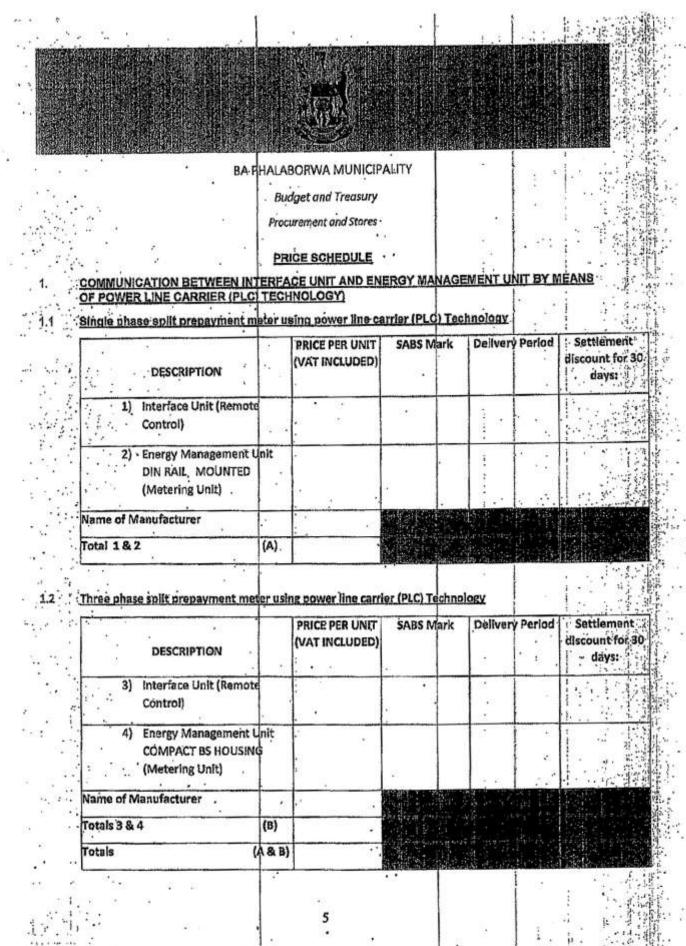


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- a) The following must be printed on the consumer interface unit. This electrical unit is the property of the local supply authority. The use of it is subject to the local authority's conditions of supply.
- b) Keypad: 12 key international standard layout including "Information" and "backspace" keys.
- c) Rate of consumption indicator (Pulse rate proportional to current rate of consumption).
- d) Diagnostic information: 20 additional meter parameters accessible via "information" key.
- e) Must be a user friendly consumer interface unit, making use of a clear language and must display all parameters of the meter including low credit warning, energy consumption and load contactor status.



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NOTE: 1	PRICES WILL INCLUDE	TRANSPORT AND DELIVERY AT BA	PHALABORWA	MUNICIPALITY STORES.
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