

## BA-PHALABORWA MUNICIPALITY MEMORANDUM - BUDGET AND TREASURY \_

To : Prospective service provider

From : SCM /stores
Date : 15/07/2024

Enquiries : Procurement Office Telephone : 015 780 6361/62

Ref : 1507

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 No.3 Nyala Street, Phalaborwa not later than 23/07/2024 at 12H00

Please number your quotes (Your Ref no)

	Description	Price/unit	Delivery
QUANTITY		(Inc. Vat)	Period
20	E650 KVA METERS FOR LPU CUSTOMERS		
	> CT DRIVEN		
	> WITH 10A MAX		
	➤ 3 PHASE 4 WIRE SYSTEM		

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
- > Evaluation criteria: 80/20 (Whereby 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

Ba-Phalaborwa Municipality complies with the requirements of Protection of Personal Information Act 4 of 2013 and Promotion of Access of Information Act 2 of 2000.

## E650 Series 4 ZxD400AT/CT - Technical Data

General Control of the Control of th	Measurement behaviour		
Concrete	Starting current ZxD405xT		
Voltage	According to IEC 0.1% In		
Nominal voltage Un ZMD400xT	Typical 0.07% In		
3 x 58/100 to 69/120 V	5  1 A as 1 A meter		
3 x 110/190 to 133/230 V	off in as i A meter		
3 x 220/380 to 240/415 V	Starting current .ZxD410xT		
Extended operating voltage range	According to IEC 0.2% In		
3 x 58/100 to 240/415 V	Typical 0.14% In		
	5  1 A as 1 A meter		
Nominal Voltage Un ZFD400xT	The start-up of the meter is controlled by the starting		
3 x 100 to 120 V	power and not by the starting current.		
3 x 220 to 240 V			
Extended operating voltage range	Starting power in M-circuit single-phase		
3 x 100 to 415 V (mid-point earthed)	Nominal voltage x starting current		
Voltage range 80 to 115%	Starting power in F-circuit all phases		
<b>F</b>	Nominal voltage x starting current x √3		
Frequency			
Nominal frequency $f_n$ 50 or 60 Hz Tolerance . $\pm 2\%$	MID-specific data		
Tolerance , ±2%	Current (for classes B and C)		
IEC-specific data	Rated current I <sub>n</sub> 1.0 A 5.0 A		
Current	Minimum current I <sub>min</sub> 0.01 A, 0.05 A		
Nominal current I <sub>n</sub> 1 A, 2 A, 5 A, 5  1 A	1990 terhanian menerakan dada dan menerakan bermana bermanakan bermana		
resonation in the second secon	Transitional current I <sub>tr</sub> 0.05 A, 0.25 A		
Maximum current I <sub>max</sub>	tien van de verken van de krieken kom van van de van de van de van de van de van de verken van de verken de va Van de van de verken de verken de verken de van de verken de verken de verken de verken de verken de verken de		
Metrological for I <sub>n</sub> = 1 A 1.2 A, 2 A, 6 A, 10 A	Maximum current I <sub>max</sub> 2.0 A, 10.0 A		
Metrological for $I_n = 2 A$ 2.4 A, 4 A	WHI to the contract of the hand the distributions of Commission Co		
Metrological for I <sub>n</sub> = 5 A 6 A, 10 A, 15 A, 20 A	Measurement accuracy to EN 50470-3		
Metrological for $I_n = 5  1 $ A 6 A	ZxD400xT classes B and C		
Overload for I <sub>max</sub> = 1.2 A 10 A 12 A	Evertooy.		
Overload for I <sub>max</sub> = 15 A, 20 A 20 A	Measurement behaviour		
Short-circuit current 0.5 s with 20 x I <sub>max</sub>	Starting current I <sub>st</sub> Class B: I <sub>st</sub> 0.002 A, 0.01 A		
Measurement accuracy	Class C: l <sub>st</sub> 0.001 A, 0.005 A		
Control of the contro			
Active energy, to IEC 62053-22 class 0.5 S	General		
Reactive energy, to IEC 62053-22 class 0.5 S			
redelive energy, to the ozoos-24 class 15	Operating behaviour		
ZxD410xT	Voltage failure (power-down)		
Active energy, to IEC 62053-21 class 1	Bridging time 0.5 s		
Reactive energy, to IEC 62053-24 class 1 S	Data storage after another 0.2 s		
readure energy, to the object.	Switch off after approx. 2.5 s		
	Voltage restoration (power-up)		
	Function standby 3 phases after 2 s		
	Function standby 1 phase after 5 s		
	Detection of energy direction and phase voltage		
	after 2 to 3 s		
© Landis+Gyr D000062002 en b – E650 Series 4 – ZMD405AT/	CT, ZFD405AT/CT, ZMD410AT/CT, ZFD410AT/CT – Technical Data		

Ba-Phalaborwa Municipality complies with the requirements of Protection of Personal Information Act 4 of 2013 and Promotion of Access of Information Act 2 of 2000.