



STEVE TSHWETE LOCAL MUNICIPALITY

Our ref. Quote QD01/01/11
(S. I Khalaki)

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To whom it may concern:

**QUOTE QD01/01/2011: SUPPLY AND DELIVERY OF CABLE
IDENTIFICATION INSTRUMENT KSG 100 T**

Contractors are invited to provide a quotation for the "SUPPLY AND DELIVERY OF CABLE IDENTIFICATION INSTRUMENT".

Council is not bound to accept the lowest, a part of or any quotation. Quantities is not fixed will vary and be changed according to actual site conditions.

Documents are available at the Municipal Offices at the Electrical drawing office room A217

All service providers must be registered on the database of council.

Quotations must be submitted to the Municipal Tender Box, on the 2nd floor, room C 305, in a sealed envelope clearly marked Quote QD01/01/11 by no later than **12:00 on 13 January 2011.**

Yours faithfully

**R. GRUNIG
TOWN ELECTRICAL ENGINEER**

SCOPE OF WORK

Service Provider must comply with the following specifications:

1. Supply and deliver the testing instrument to Municipal offices in accordance to specification as attached.
2. Train all operators of new equipment
3. Must deliver the testing instrument not later than six weeks after being appointed
4. The equipment must comply strictly with the specification given below
5. The cost must include training on equipment as well
6. Council may increase quantity as and when required

SPECIFICATION



Pulse Transmitter KSG 100 T

Output voltage	300 V (15 pulses / min)
Output current (pulse)	180 A max.
Voltage-proof output max.	400 V 50/60 Hz
Mains supply	115 / 230 V 50 / 60 Hz
Pulse indication	LED lights up with frequency of current pulse
Operating temperature	- 10 to + 55 ° C
Power consumption	50 VA
Dimensions of transport case (W x H x D)	536 x 187 x 425 mm
Weight including transport Case and CT clip-on device	approx. 6 kg
Transmitter	is integrated in transport case

Pulse Receiver KSG 100 T

Display	Graphics LCD
Sensitivity at direct connection of transmitter	100 %; at 400 Ohm loop resistance ($i = 0,75 \text{ A}$)
Sensitivity at inductive signal Injection	100 % at loop resistance $< 6 \text{ Ohm}$
Power supply	No batteries required! Automatic charging.
Load current measuring Range	0 - 199 A $\pm 2 \%$ 50/60 Hz
Charging time	20 sec.
Signal decoupling	Flexible coupler $\varnothing 150 \text{ mm}$
Operating temperature	- 10 to + 55 ° C
Dimensions (W x H x D)	100 x 25 x 211 mm
Weight	Approx. 361 g

Cable Identification System KSG 100 T

Delivery includes:

- Pulse receiver KSG 100 with flexicoupler
- Pulse transmitter KSG 100
- Transport case for Cable Identification System KSG 100 T
- Connection cable with tapping terminals; for direct signal injection
- Adapter set for direct signal injection on live LV cables
- Fully insulated flexible rod for application of flexicoupler on live cables
- CT clip-on device $\varnothing 1000 \text{ mm}$; AZ 10 - $\varnothing 100$ for inductive signal injection
- Connection cable with tapping terminals, 15 m long

REQUIREMENTS

1. Submit original valid Tax Clearance Certificate not copy

Finance:

Company name: _____

Trading name: _____

Total (All included): R _____ per equipment

Equity Plan:

Ownership shares: (Not employees please)

	HDI	Black women	White women	Locality	Disability
%Total					

Declaration:

This is certify that information provided here is true and correct to the best of my knowledge.

Name: _____

Signature: _____

Date: _____

ID number: _____

Tel: _____

