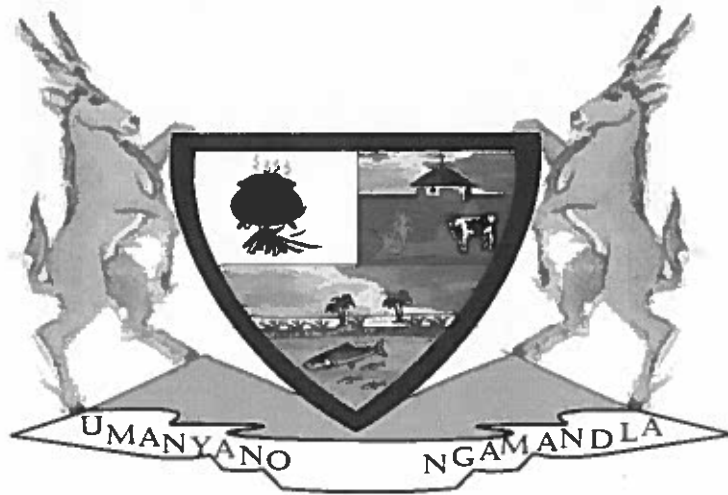


MBIZANA LOCAL MUNICIPALITY



SPECIFICATION

FOR

ELECTRIFICATION OF THE CONTAINERS AT TAXI RANK

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SPECIFICATION

- **To change and connect the current wiring to the new ready board to be supplied**
- Lay 200m 16mmx 4 core cable to run from the Mini Sub-Station to the Kiosk that will be mounted next to the first Container.
- 150A 3 phase Circuit Breaker to be connected on the Kiosk to feed 25 Single phase sub breakers.
- 25 x 40A Single phase isolators to be connected to split meters.
- 800m 4mmx3 core Armoured cable to supply each container from the Kiosk.
- 50 x no. 0 cable glands for terminating the cable.
- 180m (5 lengths) of 3m x50mmx300mm Cabstrut cable tray to run the cable on and on the container wall.
- 3 Pocket of 6.4mmx25.4 mm to mount the cable tray with covers.
- 25 Ready boards to connect the container internal wiring.
- Supply and install free standing fibreglass Kiosk 20 way 1390mm x 1075mm x526mm, mount the bus-bars to receive power from the supply 25mm 4 core cable, feed 25x40A circuit breakers to connect 25 pre paid split meters.
- Bridge the Ready board with Pre paid meter base.
- Bond all the containers and connect to the earth spike to ground.
- 1 cable tray end cover.
- Provide a COC.

BILL OF QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
1	Change/divert the current wiring to the new ready board	25		
2	16mmx 4 core cable to run from the Mini Sub-Station(terminate) to the Kiosk that will be mounted next(3m from the container, 3m from the concrete wall) to the first Container	200m		
3	150A 3 phase Circuit Breaker to be connected on the Kiosk to feed 25 Single phase sub breakers	1		
4	25 x 40A Single phase isolators to be connected to split meters.	3		
5	800m 4mmx3 core Armoured cable to supply each container from the Kiosk	800m		
4	No. 0 cable glands for terminating the cable.	50		

SUB TOTAL :

14 % VAT :

TOTAL :

Electrician:

- Trade Test
- Wireman's Licence(Master Installation)

2. HEALTH AND SAFETY REQUIREMENTS

Supervisor:

Health and Safety

Hazard Identification& Risk Assesment

Health and Safety Rep

Incident Investigator

Fire Fighting

First Aid Level 2