

MOGALAKWENA MUNICIPALITY: BID NOTICE NO. 09/2010

**REQUEST TO SUBMIT QUOTATIONS
Finance**

The Mogalakwena Municipality hereby invites service provider to supply and deliver the following items.

SPECIFICATION FOR THE TRANSFORMERS

QUANTITY: 6 X 25KVA 33Kv/400V and 5 x 50KVA 33Kv/400V

Specifications for distribution transformers:

General

This specification covers the manufacture, testing at works, supply and delivery to the municipal stores, of distribution transformers manufactured according to SABS 780/1979 as amended and national rationalized specification (NRS) 005/1990.

Tenders for distribution transformers to the following specifications are invited.

General Arrangement of Windings

The transformers will be three phases with winding arrangement of the vector group DYn 11, to comply with SABS 780/1979 as amended, for low loss transformers.

Voltage ratings

The voltage rating at no load must be:

High voltage 11 000 volt or 33 000 volt whichever the case may be.
Low voltage 420/240 volts.

Type

The transformers must be double wound, oil immersed, naturally cooled, suitable for indoor and outdoor use.

Terminals

All terminals shall be suitable for indoor and outdoor use and shall be complete with all nuts and lock nuts.

The lightning arrester mountings must be on top off the transformers.

The low voltage neutral point of the windings must be brought out to an insulated terminal.
All terminals shall be clearly and indelibly marked.

Tappings

The transformers must be provided with an external manually operated off load tap changing switch so arranged to give a $\pm 2\frac{1}{2}$ % variation in the voltage ratio.

The switch handle must be provided with a clear indication showing which tap is selected and arranged to be lockable in any position.

The tappings must be symmetrically arranged and the transformers must

be capable of giving the full rated output continuously with any tapping in use.

Load

The transformers will operate into a mixed lighting and power load of the average factor of 0,80.

Temperature Rise

The temperature rise shall be in accordance with SABS 780.

Accessories

The transformers must be furnished with an earthing terminal so arranged that the core and all external metal work can be earthed by means of this terminal.

Lifting lugs must be provided sufficiently strong to support the weight of the transformer complete with oil and all accessories.

The transformers must be supplied complete with an oil level indicator marked to show the hot and cold levels, a filling cap, a dehydrating breather and a drain plug.

A rating plate must be mounted on the tank in a conspicuous position giving all the relevant data.

Every transformer must further be equipped with a drain and filling valve on the tank to permit filtration of oil while the transformer is on load. The drain valve must enable the tank to be completely drained. Both valves further to be provided with a sealing plug.

Paint

All metalwork of the transformers shall be well treated and all rust and scale shall be removed before a suitable metal primer is applied. A final coat of avocado green oil-based paint shall be applied.

- Quotations must be submitted to the Supply Chain Management Unit at the Main Store. between 07h30-16h30 (excluding between 13h00-14h00)
- Closing date for submissions will be Friday 29 January 2010 at 12h00.
- No faxed quotation will be allowed
- **Quotations must be accompanied by Valid Tax Clearance Certificate; CK/Company registration certificate.**
- Fixed prices must be valid for thirty (30) days.
- VAT must be levied by VAT registered suppliers only.
- Suppliers must be in a position to deliver within 30 days upon receipt of official order.

Quotations will be evaluated on a 80/20 point system. Whereas 80 points will be for price and 20 for preferential elements broken down as follows:

- HDI = 8
- WOMEN =5
- DISABLED = 2
- LOCALITY =5 (Within municipality =5; within Waterberg = 3; Within Limpopo =1

For further enquiries, please contact or Mr G Maswanganyi in the Supply Chain Unit at 015 491 9731.



**S.W KEKANA
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