



ADVERTISEMENT

REQUEST TO SUBMIT QUOTATIONS NOTICE: 43/2011

STORES

The Mogalakwena Municipality hereby invites service providers to quote for the following item/s

SPECIFICATION FOR LIGHTNING ARRESTORS AND TRANSFORMERS

ITEM NO.	DESCRIPTION	QUANTITY
1.	TRANSFORMER 50KVA 33 000/415V	2
2.	TRANSFORMER 150KVA 33 000/415V	1
3.	TRANSFORMER 100KVA 11000/415V	2

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:

Primary side voltage 33 000 volts.

Secondary side voltage 415 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 arrestor mounting must also be possible 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.

Drawings

Each quotation shall be accompanied by such drawings, as the tenderer considers necessary to describe adequately the various items of the equipment offered.

In the event of a firm order being placed, a complete schematic diagram and a diagram showing mounting of the transformer on a platform, must be approved by the electrical engineer before manufacturing commences.

KVA Rating

The transformers shall have a rating of 150kVA and 50 kVA

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The following conditions shall apply:

- Quotations in sealed envelope written the notice number must be deposited in the Tender box to the Supply Chain Management Unit at 07 Retief street

Mokopane(Cnr of Fourie and Retief Street - STORES BUILDING) between 07h30-16h30 (excluding between 13h00-14h00)

- Closing date for submissions is Friday 09 March 2012 at 12h00.
- Quotations must be accompanied by valid Tax clearance certificate;
CK/Company registration certificate, B-BBEE status level certificate form an
accredited agency, auditors or accountants, MBD 1, MBD 4, MBD 6.1 and
MBD 8 forms obtainable on the Municipal website and procurement office (stores)
- 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 14 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 preference as per PPPFA 2000 , BBEEA 2003 and preferential procurement regulations 2011. *(More information about application and requirements, please refer to MBD 6.1 for compliance and guidance on how to be accredited or to be verified)*

For further enquiries, please contact Mr. J Fourie in the Electrical Service Department on 015 491 9601

**KEKANA S.W
MUNICIPAL MANAGER**

**54 Retief street
Mokopane 0600**