



MOGALAKWENA MUNICIPALITY

## RE - ADVERTISEMENT

ADVERT DATE: 26 JUNE 2018  
CLOSING DATE: 04 JULY 2018  
CLOSING TIME: 10H00

REQUEST TO SUBMIT QUOTATIONS NOTICE: 57 /2018

## ELECTRICAL SERVICES

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

### SPECIFICATION FOR THE SUPPLY, DELIVERY AND OFF-LOADING OF 500 KVA TRANSFORMER

| ITEM NO. | DESCRIPTION                     | QUANTITY |
|----------|---------------------------------|----------|
|          | TRANSFORMER 33000/11000 500 KVA | 1        |

#### 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 33 000 volts.

Low voltage 11 000 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 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.

**The following conditions shall apply:**

- **Proof of compliance to the above specifications must be attached to the prospective service provider's submission.**
- Prospective Bidders should be registered on **Central Supplier Database (CSD)-attach summary report.**
- Quotations must be accompanied by:
  1. valid Tax clearance certificate; (Tax compliance status pin issued should also be attached for new tax clearance certificate issued)
  2. Company registration certificate, CK1, CK2 etc.
  3. ID Copies of the shareholders
  4. B-BBEE status level certificate from an accredited agency, auditors or accountants/Sworn Affidavits
  5. MBD 1, MBD 4, MBD 6.1, MBD 6.2 and MBD 8 and MBD 9 forms obtainable on the Municipal website [www.mogalakwena.gov.za](http://www.mogalakwena.gov.za) and procurement office (stores).
- Quotation which are submitted in the **wrong box, faxed, e-mailed** and **submitted after the closing time** will not be considered.
- Exclusion of other items will cause a disqualification, all quotes must be prepared according to the specification
- Any alterations on the quotation must be initialed.
- Errors and/or omissions in technical specification of the offer, or the price calculations will disqualify your bid.
- No pricing option is allowed. Only one price for one brand must be supplied.
- Please indicate the brand which is quoted and that which will be delivered.
- Only locally produced or locally manufactured textiles, clothing, leather and footwear from local, raw material or input will be considered.
- The exchange rate to be used for the calculation of local production and content must be the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid.
- SABS approved technical specification number SATS 1286:2011 will be used to calculate local content.
- All awards are subject to the user division confirming the sample.
- Only firm prices will be accepted, non-firm prices (including prices subject to rates of exchange variations) will not be considered.
- 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, BBBEEA 2003 and preferential procurement regulations 2011.
- **Quotation on company letterhead in sealed envelope written the notice number and/or description of service must be deposited in a quotation/notice box of Mogalakwena Municipality (Civic Center), 54 Retief Street, Mokopane, 0600 when all request for quotations will be opened in public in the old council chambers, on the ground floor.**

All technical queries regarding these specifications should be directed to Mr. Johan Fourie in the Electrical Department at 015 491 9648/9601 and all administrative queries to Procurement office at 015 491 9662/9647/9731/9671

MM MTHOMBENI  
Acting Municipal Manager  
54 Retief Street  
Mokopane  
0600