

STEVE TSHWETE LOCAL MUNICIPALITY

MPUMALANGA

TENDER BS 01/01/2011

Tenders are hereby invited for:

MAINTENANCE OF 110V DIRECT CURRENT SUPPLY BATTERIES AND CHARGERS FOR RELAY PROTECTION AND SCADA CONTROL, FOR 36 MONTHS AS AND WHEN REQUIRED

Tender documents and specifications are available and can be obtained from Ms Patience Ngubeni, Department of the Senior Manager: Legal & Administration, Room C305, Municipal Building, Wanderers Avenue, P O Box 14, Middelburg, Mpumalanga 1050.(Tel: [013] 249-7240) (Fax: [013] 243-2550).

A non-refundable tender deposit of R 250-00 is payable.

For further enquiries, please contact Mr. S. I. Khalaki at 013 – 249 7226.

Sealed tenders marked **TENDER NUMBER BS 01/01/2011** must be placed in the tender box of the Department Legal and Administration, 2nd Floor, Wanderers Avenue, Middelburg, 1050 up to **12:00 ON 10 FEBRUARY 2011.**

A briefing session will be held Tuesday, 01 February 2011 at 10:00 at the Library Auditorium, Wanderers Avenue, Middelburg.

All tender documents must be submitted with the following document:

- Original Valid Tax Clearance certificate.
- Company Registration Certificate.
- Proof of registration ECB (Electrical Contracting Board) as Installation Electrician

In awarding the tender the 90/10 preferential point system shall be used.

Tenders will be evaluated on functionality and price and in line with the Steve Tshwete Local Municipality supply chain management policy.

No awards will be made to a person:

- Who is in the service of the state,
- If that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state
- Who is an advisor or consultant contracted with the municipality or municipal entity

The Council is not bound to accept the lowest or any tender.

**W D FOUCHÉ
MUNICIPAL MANAGER**

Municipal Building
Wanderers Avenue
MIDDELBURG
1050

MAINTENANCE OF 110V DIRECT CURRENT SUPPLY BATTERIES AND CHARGERS FOR RELAY PROTECTION AND SCADA CONTROL, FOR 36 MONTHS AS AND WHEN REQUIRED

SCOPE OF WORK

INTRODUCTION

Council requires the services of maintaining 110V direct current supply batteries and chargers for relay protection and SCADA control installed in the distribution substation at Steve Tshwete Local Municipality within MP313 licensed area for a period of thirty six months (36 months)

REQUIREMENTS

The Electrical Distribution network at Steve Tshwete Local Municipality consist of four 88kV substations and about forty three 11kV substation in the licensed area which are installed with the following type of 110V battery chargers:

- Static power;
- Blue ginger;
- Silicon.

SPECIFICATIONS

Contractor must comply with the following specifications:

1. The contractor must provide his/her own tools and equipment
2. The contractor must provide his/her own transport
3. All work must be coordinated and scheduled through superintendent: Electrical Workshop and instruction will be done in a form of works order
4. Risk assessment and Pre-task planning must be done with each task
5. All equipment being removed from the network must be returned to the Municipal stores
6. The contractor may be requested to test and repair battery chargers and/or battery after hours and must provide sufficient lighting around the area of work until completion of work, especially at night.
7. The Contractor must be readily available to attend to calls during planned and unplanned work.

8. The Contractor must be on site to diagnose the fault within 45 minutes **maximum** during unplanned work after being notified, and during planned work as per work instruction.
9. Under no circumstances will the Contractor not be available when instructed to attend to the call
10. Contractor must repair the battery charger within **one hour** of diagnosis
11. All Testing instruments must be calibrated at least once a year
12. Only SABS approved Instruments must be used.
13. Should the contractor not comply with the special conditions of the contract, the Town Electrical Engineer will give a written warning. All work will be stopped until the contractor has given a written response on how he will rectify the situation to the acceptance of the Town Electrical Engineer. If there is a reoccurrence, the order will be cancelled.
14. Contractor must provide following services:

Maintenance

- a) Measure individual cell voltage and total bank voltage and in case of Lead Acid Batteries, specific gravity (SG) level should be measured
- b) Clean corrosion on connectors and dust on batteries and terminals and connectors should be smeared with petroleum jelly
- c) Maintaining the electrolyte level of individual cells by topping up with pure distilled water
- d) Supply and installing Blue ginger type battery charger when battery charger is faulty and standard load or rating must be taken into consideration

Load test

- a) Load test on batteries should be done including battery discharge test according to manufacturer's specification
- b) The batteries of each cell must be checked if it charges according to manufacturer's specification

NB: Report on Test results should be submitted after the maintenance and load test has been done, for payment purposes.

15. The Contractor will be expected to replace all faulty battery chargers with the recommended Blue ginger type as and when required
16. The Contractor will be required to do the following in order to be authorised as responsible person:
 - a) ORHVS – Operating Regulation for High Voltage Systems for Responsible person
 - b) First aid and fire fighting level one
17. The Contractor will be required to service/maintain all **forty seven** batteries in one week for every three months and the dates must coincide with the department maintenance plan schedule.
18. First aid box must be in the vehicle when work is being carried out.
19. All work must be done in accordance with the Occupational Health and Safety Act.

WORK PROGRAM

1. Work may only be conducted on receipt of a work instruction.
2. Performance to be measured on work given and work completed.
3. Evaluation on work conducted to be carried out by a council official.
4. Council may appoint more than one contractor.
5. All equipment and labour is the responsibility of the contractor.
6. The contractor is required to be available 24/7 for standby purposes

PAYMENT

1. An order will be issued on a monthly basis for work to be done;
2. One calendar months notice will be given upon issuing the last order, for the cancellation of contract;
3. Tax invoices must be submitted before the 7th of every month in order to receive payment by the end of the month. Work instructions must be attached to invoice.

SAFETY

1. No work will be carried out on live conductors except for testing purposes.
2. Only competent people must be used to do the work.
3. Work must be carried out in accordance to Occupational Health and Safety Act

PRICE SCHEDULE

The following schedules must be completed

DESCRIPTION	PRICE VAT EXCLUDED
1. Maintenance of Batteries and chargers (per substation)	
2. Load Test (per battery bank per substation)	
3. Repair rate (Per hour)	
4. Travelling within MP313 area (per Kilo meter)	
5. Supply and replacement of battery charger with Blue ginger type	
VAT= 14%	
Total including VAT must be carried over to price and form of tender	

NB: Price escalation will be fixed at 6% per annum.

Contractor Signature

Date