

The Scope of work for:

Provide within GOU geographical area, Eskom certified competent, qualified and skilled Officials / Electricians for the purpose of fault finding, maintenance and restoring of customer supply on the LV,HV AND MV network.

LV MAINTENANCE SCOPE REQUIREMENTS

- The fault finding will be from the controlling transformer fuses to the prepaid meters within the customer premises.
- Repairs will be conducted in line with the Eskom standards and procedures for safe working on the low voltage systems and standards for low voltage line construction and maintenance.
- Repairs will vary but not limited to ; - fuse/ MCB replacements, ABC or airdac replacement, replacement of connectors, pole top boxes , poles , street lights and prepaid meters.
- All faults will be managed in line with Eskom current work flow processes and payment will be in line with the current Eskom procurement / Financial practices
- Contractor employee must be able to perform standby duties and respond to a call out within a 2 hour period of time from the dispatched Works Order being received during normal working hours or during after hour periods including weekends and public holidays.
- Once the contractor is on site, they are to notify the Eskom Dispatch Representative who issued the Works Order that they are at the site of the fault and notify the Eskom Dispatch Representative once the fault has been corrected.
- Once the work is complete, a quotation should be submitted by the Contractor to the Contract Office for verification.
- The cost of all vehicles, equipment and labour must be included in the rates for particular items.
- The Contract Office will verify the work done and the Contractor and the Contract Office Representative will then agree on a final amount payable for the works order issued.
- A Task Order will be issued on a weekly basis containing the combined agreed value of work done by the Contractor for the particular week and a Payment Certificate will be created with the relevant Task Order Number, Service Entry Number and Goods Receipt Number.
- The contractor can then issue a Tax Invoice with the information contained on the Payment Certificate and submit the Tax Invoice directly to Eskom Financial Shared Services.

MV/HV MAINTENANCE SCOPE REQUIREMENTS

The Contractor will receive a Task Order and a detailed list of feeders with structure numbers from the Project Manager which require replacement or repair. Only structures reflected on the Task Order will be attended to by the Contractor. Any structures not reflected on the list but requiring attention must first be approved by the Project Manager prior to replacement or repair.

The contractor will ensure that he/she is fully authorized for the specific method and procedure in accordance with the Standard 34-146 "Authorisation standard for operating on high voltage systems"

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Transport Requirements

Transport in the form of a LDV that can carry a ladder (3.6 meter extension ladder)

Equipment

The contractor shall ensure that the necessary plant (including crane trucks), labour and equipment are available to be able to perform all maintenance under Eskom approved dead work methods and in accordance with all standards related to Dead work maintenance in Eskom. The cost of all related vehicles, equipment and labour should be included in the rate for all particular items.

Labor Resource Requirements

Eskom approved courses for low Voltage Officials, LV regulations, fault finding techniques, low voltage live work procedures (EAL Certificates)

Trade tested Electricians, with LV regulations and fault finding techniques, low voltage live work procedures (EAL Certificate)

All operators will be Eskom approved for Low Voltage systems i.e. LV authorization

Complete Portfolio of Evidence will be required

Equipment Requirements.

Staff must be issued with a

1. Voltage tester (Duspol)
2. Clamp on meters that have Voltage and Amps.
3. LV earths for open wire systems.
4. Close proximity tester for low voltage
5. Megger 5 kV

6. Earth leakage tester - polarity tester.
7. FAS and FAS rescue kits.
8. Hand tools and truck tools to perform the basic repairs and maintenance on the LV systems.
9. All PPE for working on dead and live LV systems.

Phasing

The Contractor will check phasing before and after working on the erected structure. Any damage to equipment due to reversed phasing or incorrectly connected transformer will be for the Contractor's account and is to be immediately rectified.

Excavation

All excavations must be adequately barricaded and not left open.

All new structures will comply with the latest Eskom Standard, and any change will be given to the Contractor in writing by the Project Manager or representative prior to implementation. Excavations are the Contractor's responsibility soil conditions will be assessed on site. Provision is made in the price schedule for rock excavations or rock drilling.