

 Eskom National Transmission Company South Africa™	Scope of Work	Northern Grid
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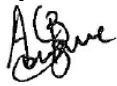
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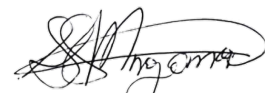
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1. Introduction

Effective waste management is essential for environmental protection, regulatory compliance, and operational integrity within the electricity transmission sector. Eskom NTCSA Northern Grid manages an extensive high-voltage network across diverse regions, generating general, hazardous, and industrial waste streams. Proper management of these wastes is necessary to minimise environmental impacts, safeguard public health, and maintain reliable and sustainable operations.

Waste management activities are governed by the National Environmental Management: Waste Act 59 of 2008, which provides the primary legislative framework for preventing pollution and promoting sustainable resource use. In addition, the National Environmental Management Act 107 of 1998 establishes key principles, including the precautionary approach, the polluter pays principle, and the duty to prevent environmental harm. Compliance with all applicable regulations covering waste classification, handling, storage, transportation, disposal, licensing, and national norms and standards is mandatory.

Through adherence to legislative and organisational requirements, Eskom NTCSA reinforces its commitment to environmental sustainability, regulatory compliance, and the protection of natural resources, contributing to the long-term resilience of South Africa's electricity transmission network.

2. Supporting Clauses

2.1 Scope

2.1.1 Purpose

The purpose of the document is to detail the scope of work for provision of environmental waste management services in NTCSA Northern Grid.

Applicability

This document shall apply to Eskom NTCSA, Northern Grid only.

2.1.2 Effective date

The document is effective is applicable from the date it was authorized

2.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

[1] Occupational Health and Safety Act No. 85 of 1993.

[2] 240-62196227 Eskom Life-saving Rules.

[3] 240-62582234 OHS Roles and Responsibilities and Statutory Appointments.

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- [4] 240-43848327 Employees' Right of Refusal to Work in Unsafe Situations.
- [5] 32-245 Eskom Waste Management Standard.
- [6] 32-520 Occupational Health and Safety Risk Assessment Procedure.
- [7] 559-4005947 Protective Equipment (PPE) Specification
- [8] 32-727 SHEQ Policy.

2.3 Abbreviations

Abbreviation	Explanation
BU	Business Unit
NTCSA	National Transmission Company South Africa
OHS Act	Occupational Health and Safety Act, Act 85 of 1993
PPE	Personal Protective Equipment
SANS	South African National Standard
SHEQ	Safety, Health, Environment and Quality

3. Scope of Work

The scope of work entails the provision of environmental waste management services for a period of three (3) years for NTCSA Northern Grid sites on an as and when basis.

A maximum number of four (4) suppliers will be appointed out of the evaluation process. Two (2) suppliers for each to provide services for each section below. The contracts with the service providers will span over a period of thirty-six months on an "as and when required" basis. The two sections are as follows:

- North West Province and Gauteng Province – Carletonville and Rustenburg CLN's.
- Limpopo Province – Lephalale and Polokwane CLN's.

The following services are required in the provision of waste management services

- The provision of Oil Spillage Clean up, Drainage of Septic Tanks, Cleaning and removal of sludge in oil dams, removing and disposing of asbestos, Supply of oil spillage kits as well as providing training to the employees.
- Removing and disposing of Hazardous waste such as Silica Gel, Fluorescent tubes, Capacitor Cans, Used oil, Sludge etc. from all Northern Grid substations.

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1. Management of Chemical & Oil Spillages

- All oil or chemical spills must be tested for hazardous properties to ensure appropriate clean-up and disposal by the appointed service provider.
- PCB-contaminated materials must be disposed of only by a registered service provider at a licensed facility.
- Free oil (e.g., puddles) must be promptly contained and transferred into suitable containers, such as drums or tankers, for proper disposal at a licensed facility.
- Following the removal of excess oil, appropriate absorbents (e.g., sawdust) or solvents must be used to complete the clean-up. This may include removing leaking equipment, cleaning paved surfaces, and excavating contaminated soil and vegetation.
- Contaminated soil resulting from a spill must either be treated using suitable bioremediation (environmentally friendly method) or collected (Physical removal and replacement of contaminated soil) and disposed of at a registered disposal site.

2. Provision of equipment and on-site- training

- The Service provider shall provide on the job training to the employees with regards to cleaning of minor oil spills.
- The service provider shall make provision for supply of oil spillage kits on request
- The service provider shall make provision for supply of monkey/baboon proof wheelie bins on request
- The service provider shall make provision of colour coded wheelie bins and waste stations upon request as per Eskom NTCSA specifications.

3. Disposal of Hazardous Waste

- All Hazardous Waste such as Silica gel, Used Oil, Oil Sludge, Asbestos, Capacitor Cans etc., must be disposed of as hazardous waste.
- Records of waste type, quantity, destination & transporters must be kept and submitted to the Eskom Northern Grid Environmental section after project completion.
- All Hazardous Waste shall be disposed correctly at an accredited waste disposal site which will then provide Disposal Certificate to Eskom Northern Grid. Compliance with the following is required
 - EPC 32-245 Waste Management Procedure
 - National Environmental Management Act of 1998
 - Occupational Health and Safety Act
 - National Water Act 36 of 1998
 - Hazardous Substances Act

4. Supply and provision of Oil Spill Material

- Supply of oil spillage kits as well as providing oil spill clean-up training to the employees provided by the service provider.
- Supply of Oil spill Bio-remediates with Material safety data sheets to assist Eskom Northern Grid employees to contain and clean minor oil Spillage.

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5. Drainage of Septic tanks

- Substations with septic tanks to be drained as and when required.
- The waste must be disposed of at the accredited disposal site, and the supplier to provide certificate of where the waste is disposed of.

6. Personal Protective Equipment and Safety Considerations

- Service Provider must ensure workers are trained on the hazards and Handling of chemicals used in the workplace in accordance with OSHA's Hazardous Regulations
- Service Provider must Provide necessary PPE used during Oil spill clean-up and loading of Hazardous waste from sites

4. Substations to be serviced in the Grid

- The scope of service will cover the following Sub stations divided into two provinces within NTCSA Northern Grid-

North West		Limpopo	
Rustenburg CLN	Carletonville CLN	Lephalale CLN	Polokwane/Phalaborwa CLN
Ararat	Carmel	Borutho	Acornhoek
Bighorn	Hermes	Matimba	Foskor
Dinaledi	Midas	Medupi	Leseding
Marang	Mookodi	Spitskop	Merensky
Ngwedi	Pluto	Warmbad	Senakangwedi
Trident	Watershed		Spencer
Lomond			Tabor
			Witkop
			Silimela
			Manogeng

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5. Audits and Assessments

The Employer's representative may in accordance with a predetermined programme carry out audits and assessments on the Contractor's processes supporting any work done or to be done in terms of this contract, as well as on the work carried out. The Employer's representative shall give the Contractor notice of the intention to perform an audit in order that the Contractor may provide a representative observer

In the event of audit findings, the Employer's Representative may issue an early warning or notice of default to the Contractor. The Contractor shall respond by advising the Employer's Representative of the corrective actions to be implemented and the proposed completion timeframe. The Contractor shall maintain a system to record and track Early warning and the notice of default.

The Employer makes available the following:

- Detailed activity schedule including date and time and updates as required from time to time.
- Ablution facilities are available within the buildings.
- Potable water supply.
- Plant permits where required prior to work commencing.

6. Management

The Contractor shall provide and maintain a high level of skilled management organization and resources, to ensure the successful and timely completion of the Contract. Information is to be provided by the Consultant at tender stage and this shall be deemed to define the Contractor's intentions in this respect. It is also a requirement that the Contractor submits a project organogram.

7. Resources

- The Contractor shall provide adequate resources to execute the work.

8. Resource requirements

The supplier to ensure that all personnel working under this contract are adequately trained to use all types of equipment's prior to the commencement of the contract

9. Technical Evaluation

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10. Acceptance

This document has been seen and accepted by:

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11. Revisions

Date	Rev.	Compiler	Remarks
May 2026	0	Calvin Teffo	Original document

12. Development Team

The following people were involved in the development of this document:

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