	Scope of Works	Eskom Rotek Industries
---	-----------------------	-------------------------------

Title: **Hiring of yellow plant to Construction Services for Various Sites**

Unique Identifier:

Alternative Number:

Reference **N/A**

Area of Applicability:

Eskom Rotek Industries

Documentation Type:

Works Information

Revision:

0

Total Pages:

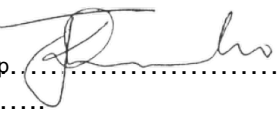


9

Next Review Date:

Not Applicable

Disclosure Classification:

CONTROLLED DISCLOSURE

Compiled	Functional Responsibility	Authorised by
 pp.		
Renias Murawo Project Manager	Patricia Modiba Senior Project Manager	Thabo Nhleko HOD Civils
Date.....	Date	Date...2025/01/16....

CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose	4
2.1.2 Applicability	4
2.2 NORMATIVE/INFORMATIVE REFERENCES	4
2.2.1 Normative	4
2.2.2 Informative	4
2.3 DEFINITIONS	5
2.3.1 Disclosure Classification	5
2.4 ABBREVIATIONS	5
2.5 ROLES AND RESPONSIBILITIES	5
2.5.1 Eskom Rotek Industries	5
2.5.2 Eskom Rotek Industries – Site Supervisor/Quality Controller	6
2.5.3 Supplier	6
2.6 PROCESS FOR MONITORING	6
2.7 RELATED/SUPPORTING DOCUMENTS	6
3. WORKS INFORMATION: SUPPLY OF YELLOW PLANT ON HIRING BASIS AT VARIOUS CONSTRUCTION SERVICE SITES	6
3.1 GENERAL	7
3.1.1 MECHANICAL WORKS	8
3.1.2 ELECTRICAL	8
3.2 REQUIRED INFORMATION	8
3.3 CONFORMANCE	8
5. REVISIONS	9
6. DEVELOPMENT TEAM	9
7. ACKNOWLEDGEMENT	9

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

1. INTRODUCTION

1.1 Substations and Overhead Powerlines play a crucial role in the development and maintenance of the electricity grid, evacuating power from power stations to various locations. Construction Services Powerline Portfolio has various projects which are nationwide involving the development and maintenance of Overhead Transmission Powerlines. The overall scope of the works for the projects entails:

- Soil Nomination and Foundation Designs
- Bush clearing
- Construction of Foundations,
- Assembly and Erection of Structure
- Stringing and regulation
- Terrace construction
- Access Roads
- Oil dams and Bund Walls

1.2 Ash Disposal Facility is a critical infrastructure at a coal fired power station and requires continuous monitoring. The ADF extension phases 1 and 2 will ensure that Medupi Power Station has enough space to dispose ash that is generated from burning coal.

The work involves clearing, overburden removal, cutting and filling in some areas. Fill layers require compaction to specified densities. In addition, three new pollution control dams are required to be constructed. To complete the work, various pieces of yellow mobile plant are needed. The mobile yellow plant is required on hiring basis and should come with competent operators.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of work entails the hiring and delivery of yellow plant on hiring basis to ERI SC C Portfolio, ADF projects, powerlines and substation.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

The requirements are set out in section 3.1 of this document.

2.1.1 Purpose

The purpose of this document is to provide the requirements for the scope of works for the supply of yellow plant on hiring basis to Eskom Rotek Industries construction services at various sites

2.1.2 Applicability

This document shall apply to Eskom Rotek Industries

2.2 NORMATIVE/INFORMATIVE REFERENCES

2.2.1 Normative

The applicable reference documents are listed below. These documents (latest revision) form part of this specification to the extent as specified in this specification. In the event of a conflict between the text of this specification and the applicable parts of the Eskom documents listed below, the text of this specification takes precedence. However, this specification does not supersede applicable laws and regulations (including the SANS standards), unless a specific exemption has been obtained from the relevant authorities.

- [1] 240-53665024: Engineering Quality Manual.
- [2] ISO 9001: Quality Management Systems.
- [3] OHS Act: Driven Machinery Regulations 2015.
- [4] ERI SHE Specification
- [5] Occupational Health and Safety Act and Regulations (85 of 1993)
- [6] 240-62196227_Eskom Life Saving Rules

2.2.2 Informative

- [7] QM58 – Eskom Quality Specification
- [8] Yellow Plant Bill of Quantities

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

2.3 DEFINITIONS

Definition	Description
Mobile Plant	Any plant that is provided with some form of self-propulsion that is ordinarily under direct control of an operator.

2.3.1 Disclosure Classification

Controlled Disclosure: Controlled Disclosure to external parties (either enforced by law, or discretionary)

2.4 ABBREVIATIONS

Abbreviation	Description
ERI	Eskom Rotek Industries
CS	Construction Services
PCD	Pollution Control Dam
SANAS	South African National Accreditation System
OEM	Original Equipment Manufacturer
QMS	Quality Management System
PPE	Personal Protective Equipment
FEL	Front End Loader
DMR	Driven Machinery Regulations
TLB	Tractor Loader Back actor
ADT	Articulated Dump Truck

2.5 ROLES AND RESPONSIBILITIES

2.5.1 Eskom Rotek Industries

- Ensure that supplier has the relevant Eskom Standard Specifications governing the supply of the equipment.
- Ensure that the plant is inspected and comply with requirements before delivery to site.
- Ensure that the supplier owns the plant.
- Ensure that the yellow plant is operated and serviced as per manual.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

2.5.2 Eskom Rotek Industries – Site Supervisor/Quality Controller

- Ensure that checks are done, and records are kept of all inspections on the equipment on site.
- The machines to have drip trays
- Ensure that the machines are operated within its parameters/capacity.
- Ensure equipment is operated by a competent and appointed operator only.
- Ensure that the plant timesheets are signed at the end of each shift.

2.5.3 Supplier

- Ensure that the supply of yellow plant meets site requirements.
- Ensure timely delivery, efficient and reliable yellow plant to ERI.
- Ensure that the plant is serviced regularly as per intervals
- Ensure that each plant is operated by a competent final cutting level grader operator

2.6 PROCESS FOR MONITORING

The schedule and target delivery date of the plant will be communicated by the supplier, in writing to Eskom Rotek Industries after contract signing with dates.

2.7 RELATED/SUPPORTING DOCUMENTS

OHS Act; Driven Machinery Regulations 2015.

3. WORKS INFORMATION: SUPPLY OF YELLOW PLANT ON HIRING BASIS AT VARIOUS CONSTRUCTION SERVICE SITES

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

3.1 GENERAL

The following are the types of yellow plant that are required.

Ash Dump Facility

Item	Description	Quantity Required
1	140 H Grader or similar	20
2	966 FEL or similar	7
3	30T Excavator	12
4	4 x 4 TLB	7
5	D8 Dozer	3
6	D6 Dozer	9
7	19T Smooth Drum Roller	11
8	19T Padfoot Roller	12
9	10m ³ Tipper	54
10	15 to 25m ³ Tipper	5
11	18000L Watercart for dust suppression	22
12	10000L Diesel Bowser	3
13	Recycler	5
14	Screening plant	1
15	Bobcat- bucket/broom/forks	
16	Concrete Pump Truck	
17	Jaw Crusher machine	1

Power Lines

TLB	7
Bucket Excavator 30ton	4
Pecker Excavator 30ton	2
Concrete Truck	2
SD Roller	2
Padfoot roller	1
140H Grader	1
D6 Dozer	2
D8 Dozer	1
D9 Dozer	0
Tipper Truck 10m3	4
966 FEL with Mulcher	2
Mobile Crane 90ton	2
18000 Liter Water Truck	4
Diesel Bowser	2

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Substations

TLB	4
MINI EXCAVATOR (1.7T)	4
20T EXCAVATOR with pecker	2
25T EXCAVATOR with pecker	2
BOBCAT/SKIDSTEER – 226 (With b	6
D6 Dozer	2
Padfoot roller	2
30 T Mobile Crane	1
10 000L Water Tank	2

3.1.1 MECHANICAL WORKS

Scope of works for the supply of yellow plant to Construction Services at Various Sites

3.1.2 ELECTRICAL

N/A.

3.2 REQUIRED INFORMATION

- Driven Machinery Regulations.

3.3 CONFORMANCE

- Conformance to OHS Act Driven Machinery Regulations; 2015.
- Conformance to Life Saving Rules

4. AUTHORIZATION

This document has been seen and accepted by:

Name and Surname	Designation
Kenny Molapisi	Senior Project Manager (Acting)
Patricia Modiba	Senior Project Manager

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

5. REVISIONS

Date	Rev.	Compiler	Remarks
14/03/2025	0	Renias Murawo	First Draft

6. DEVELOPMENT TEAM

- Renias Murawo
- Patricia Modiba

7. ACKNOWLEDGEMENT

None

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.