	Scope of work	CAMDEN POWER STATION
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1. Introduction

Coal stockyard is one of the critical plant in the power station, Coal management involves of ensuring that the power station has enough coal to burn. Insufficient coal supply to the power station might lead to many factors, such as PLL and multiple units shut down.

Energy department is responsible for the operating and management of the Ash and Coal Handling Operations on a twenty-four hour, seven days a week cycle. The coal and Ash volumes vary from month to month depending on Camden Power Stations coal burn.

2. Supporting Clauses

2.1 Scope

2.1.1 Purpose

The purpose of this scope of work is to give a clear understanding on what is expected by Eskom and for this document to give a clear understating of the operations in the plant.

2.1.2 Applicability

This document shall apply throughout Energy Camden Power station

2.1.3 Effective date

Authorisation date.

2.2 Normative/Informative References

2.2.1 Normative

[1] ISO 9001 Quality Management Systems

2.2.2 Informative

N/A

2.3 Definitions

FEL : Front en loader

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2.4 Abbreviations

Abbreviation	Explanation
EXC	Excavator
CSY	Coal stock yard
FEL	Front end loader.
ADT	Articulated dump truck

2.5 Roles and Responsibilities

Eskom contract manager shall ensure that the nominated contract comply to all the rules and regulation as according to the NEC.

2.5.1 Contractors

Operation activities required entails:

- Loading, Stockpiling, and compacting of coal to the Live and Strategic piles
- Reclaiming of coal from the strategic pile to the mobile screens
- Hauling of coal from the live offloading area to the strategic stockpiles
- Maintaining and operating of the coal stockpile
- Crushing of oversize coal and removal of foreign objects in the "Oversize" stockpile.
- Maintain high, "Good Housekeeping" standards in and around the machinery and work area.
- Avoid any spillages from yellow plant due to maintenance or operating that contaminates the environment.
- Comply to sites specific requirements as clearly displayed by the site management.

The nominated yellow plant service provider will supply, deliver and operate mobile yellow plant as agreed upon in the contract.

The nominated yellow plant service provider shall provide all labour, supervision, administration and management to perform the mobile yellow plant service as required at all times. Labour recruitment shall follow established protocols at Camden power station.

2.5.2 Yellow plant working shifts

2.5.2.1 Mobile yellow plant pricing must be Units per Month at a dry rate and including Operators.

2.2.5.4. There shall be 4 x Operators per machine (4 shift cycle)

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2.2.5.5. The Operator rates and Accommodation rates should be included in the supplier's quotation.

2.2.5.6. The Operator rate will be fixed for 24 hours for each day of the month.

2.2.5.7. In the event of a breakdown, and unavailability of the machine all payment will be forfeited for the breakdown hours.

2.2.6 Yellow Plant working during the day

2.2.6.1. Mobile yellow plant pricing must be per monthly at a dry rate and include the Operators.

2.2.6.2 In the event of a breakdown, all payment will be forfeited for the breakdown hours.

2.2.6.3 Establishment and de-establishment will only be paid for by Energy department when increasing or decreasing of yellow plant if requirements changes during the contract period.

Staff required.

- Site Manager.
- 4 operators per machine
- 1 Admin clerk
- 2 Diesel mechanics.
- Each operator working 12hours shift (4 shift cycle)
- 1 Site supervisor (Mon to fri). 40 hours a week.
- 1 Safety officer (mon-fri) 40 hours a week.
- Yellow plant required and specifications.
- 2 x FEL's (966 equivalent - 210Kw with 5m3 coal bucket)
- 2 ADT's 30tons
- (1 x Dozers (D8 equivalent, 240Kw with coal Blade)
- 1 crusher machine that can operate to 200t/h

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2.5.2 Site Supervisor

The supervisor shall ensure that the plant is safe, meets safety standard and regulations, Supervisor shall also ensure that the operators are inspecting the yellow plant and report any defects as and when required. Supervisor shall ensure that all the machines that are not complying are taken outside the station. Responsibility of the supervisor is also to ensure that all operators have valid medicals.

The daily check sheet will be utilized. Ensure that the Staff and Equipment meets the safety, health and environmental regulations and requirements at all times.

The Contractor provides Equipment, tools and consumables for the effective operation of the Works Any service provider that is involved in unsafe act or environmental contravention will have the total fleet on site stopped until an improvement plan is approved by the Energy department Camden power station.

2.6 Related/Supporting Documents

Not applicable

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3. Coal stock yard

3.1 Coal movement

Figure 1: Coal stock yard



4. Acceptance

This document has been seen and accepted by:

Name	Designation
Tsomakae Dire	Snr Technician
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5. Revisions

Type text here

Date	Rev.	Compiler	Remarks
17.07.2024	1	L.J Pholoana	SOW for camden yellow plant

6. Development Team

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

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7. Acknowledgements

❖ N/A

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