	<b>Scope of Work</b>	<b>Camden Power Station</b>
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**Title: Supply, Operate and Maintain Mobile Coal Screens at Camden Power Station**

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## **1. Introduction**

Camden Power Station utilises diesel mobile coal vibrating screens to feed coal of less than 40mm in size grading to reclaim conveyors E1 and 18.

This document outlines the scope of work to be executed by the successful supplier for the supply, operating and maintenance of 3 vibrating coal screens for a period of 36 months at Camden Power Station.

## **2. Supporting Clauses**

### **2.1 Scope**

#### **2.1.1 Purpose**

The purpose of this scope of work is to provide requirements and information needed for the supply, operating and maintenance of the diesel mobile coal vibrating screens at Camden Power Station.

#### **2.1.2 Applicability**

This document is applicable at Camden Power Station.

#### **2.1.3 Effective date**

Date that this document is signed for Authorization.

### **2.2 Normative/Informative References**

Parties using this document must apply the most recent edition of the documents listed in the following sub-sections.

#### **2.2.1 Normative**

- [1] ISO 9001 Quality Management Systems
- [2] 240-105658000 Supplier Quality Management Specification
- [3] Occupational Health and Safety Act (No. 85 of 1993).

#### **2.2.2 Informative**

N/A.

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## 2.3 Definitions

Definition	Description
Supplier	Person or company undertaking to perform work for Eskom Holdings SOC Ltd
Employer	Eskom Holdings SOC Ltd, Camden Power Station
Screen	Heavy duty diesel mobile vibrating coal screen

### 2.3.1 Disclosure Classification

**Controlled disclosure:** controlled disclosure to external parties (either enforced by law, or discretionary).

## 2.4 Abbreviations

Abbreviation	Description
OHSW	Occupational Health and Safety
QC	Quality Control
RFI	Request for Information
RFQ	Request for Quotation
SoW	Scope of Work
T/h	Tons per hour

## 2.5 Roles and Responsibilities

### 2.5.1 Supplier

- Conform to all the requirements stipulated in this document.
- Supply diesel mobile coal screens as requested by the employer.
- Confirm the supplied screens are as per the employer's specifications.
- Provide screens technical information to the employer including but not limited to, technical datasheet, detailed maintenance strategy and maintenance history.
- Responsible to ensure that a quality product is delivered.
- Inform employer timeously on any risks that might lead to prolonged breakdowns longer than the acceptable specified breakdown period.
- Inform the employer of all unplanned breakdowns.
- Inform the employer of all the incidents, injuries and near misses during operation or maintenance of the screens.
- Conform to all employer's standards and procedures when they commence with rendering the required services onsite.
- The supplier shall also conform to OHSW act, Employers Plant Safety Regulations.

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### **2.5.2 Auxiliary Engineering**

- Compile scope of work in accordance with Eskom policies and procedures.
- Liaise with all relevant stakeholders for input.
- Provide technical documents required for screens procurement.
- Participate in technical evaluation of the tender submissions.
- Provide technical assistance to Energy and Procurement Departments during the execution of this scope of work.
- Perform quality check on procured screens before delivery to ensure they conform to requirements specified in the scope of work and employer's quality standards.
- Verification and acceptance of all documentation from the supplier requested by the employer.
- Ensure delivered diesel mobile coal screens are as per specifications.

### **2.5.3 Procurement**

- Perform all procurement processes outlined in scope of work to procure the required screens.
- Issue RFQ's and/or RFI's for the procurement of screens.
- Set up clarification meetings between supplier and employer.
- Act as communication link between supplier and employer.
- Arrange technical evaluation sessions.
- Ensure all necessary payments are timeous and keep record thereof.

### **2.5.4 Energy**

- Development of the scope of work document with engineering.
- Participate in technical evaluation of the tender documents.
- Ensure delivered diesel mobile coal screens are as per specifications.
- Assist supplier with the delivery of screens to coal stock yard and site establishment.
- Manage the Contract.

### **2.6 Process for Monitoring**

N/A

### **2.7 Related/Supporting Documents**

N/A

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### **3. Scope of Work**

The scope of work is for the supply of 3 diesel mobile coal screens for feeding coal less than 40 mm in size grading at Camden power station for a period of 36 months.

#### **3.1 Supplier Requirements**

The supplier shall:

- 3.1.1** Supply a total of three (3) diesel mobile coal screens at Camden Power Station as per the specifications of this SoW.
- 3.1.2** Maintain the three (3) diesel mobile screens supplied to prevent/minimise unplanned breakdowns. Ensure that each screen downtime does not exceed 4 hours.
- 3.1.3** Operate the screens 24 hours a day, 7 days a week and 365 days a year until the end of contract.
- 3.1.3.1** Two (2) screens will be used for normal operations, and the one (1) will be kept as a standby. No screen shall be removed from site without the permission of the Camden Power Station Contract Manager.
- 3.1.4** Provide one (1) competent supervisor per shift, for the supervision of the works.
- 3.1.5** Maintain high, "good housekeeping" standards on and around machinery area.
- 3.1.6** The supplier must make the screens available for inspection by the employer, prior to the Contract being awarded.

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### **3.2 Mobile Coal Screens Specifications**

The supplier shall supply screens with following specifications.

- 3.2.1** They must be mobile, and diesel powered. **Diesel will be free issued by the employer.**
- 3.2.2** They must have a capacity of 500 T/h or more.
- 3.2.3** They must be equipped with an operational and reliable mass meter.
- 3.2.4** They must be able to screen out coal of size grading greater than 40 mm from coal discharged to the reclaim conveyors 18 and E1.
- 3.2.5** They must be equipped with 2-way split configuration incline conveyor belts minimum. One (1) conveyor to feed reclaim conveyors with coal of less than 40 mm in grading size and the other conveyor for rejects of equal to or greater than 40 mm in grading size.
- 3.2.6** The screen incline conveyor belt discharging to the reclaim conveyors hoppers must be an adjustable angle type with capability of discharging up to a height of 3m at minimum.
- 3.2.7** They must be operated by means of a remote control. If the remote control has a cable, the cable must have a minimum length of 5 meters. The remote must operate by means of a 'dead man' switch principle to prevent unintended moving of the screens.
- 3.2.8** They must be in a good working condition and reliable to ensure continuous operation for 24hrs a day, 7 days a week, and 365 days a year.


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#### 4. Document Acceptance

This document has been accepted by:

Name Surname	Designation	Signature	Date
	Auxiliary Engineering System Engineer		07/02/2024
	Auxiliary Engineering Civil Engineer		07/02/2024
	Energy Department Senior Technician		
	Energy Department Technician		08.02.2024

#### 5. Revisions

Date	Rev.	Remarks	Compiler
January 2023	01	Original Issue	

#### 6. Development Team

#### 7. Acknowledgements

N/A

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