

	Specification	Medupi Power Station
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Title: **Medupi Power Station Supply and delivery of Various Assets**

Document Identifier:

Alternative Reference Number:

Area of Applicability: **Medupi Power Station**

Functional Area: **Finance**

Revision: **1**

Total Pages: **8**

Next Review Date: **N/A**

Disclosure Classification: **Controlled Disclosure**

Compiled by	Functional Responsibility:	Authorized by:
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1. Introduction

The unreliability and unavailability of certain assets in Medupi Power Station is a major concern which result in unplanned downtime, longer mean time to repair and it has also contributed too many production risk on the Units. Initiatives to improve the reliability and availability of the plant amongst others includes, procuring assets through a procure and supply contract.

This document will describe the scope of work required for this asset purchase contract.

2. Supporting Clauses

2.1 Scope

This document will cover the requirements for the Supply and delivery of various assets in Medupi Power Station..

2.1.1 Purpose

The purpose of this document is to provide the SOW for the Supply Contract.

2.1.2 Applicability

This document shall apply to requirements for the Supply of a various assets for the Medupi.

2.1.3 Effective date

The document will be effective from the date of authorisation.

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) ESKOM SHEQ Policy 32-727
- 2) Life Saving-Rules – 240-62196227 Medupi Power Station - SHE File Evaluation Checklist - 240-97661287

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2.2.2 Informative

N/A

2.3 Definitions

Definition	Explanation
Contractor	Service provider contracted for supply of goods or various services to the Employer
Employer	Eskom Medupi Power Station

2.4 Abbreviations

Abbreviation	Explanation
ERA	Execution Release Approval
SHE	Safety Health and Environmental
SHEQ	Safety Health Environmental and Quality

2.5 Roles and Responsibilities

Finance – is responsible and accountable for ensuring that the Service is provided as per the SOW.

Projects – is responsible for ensuring that all assets are consolidated and within the approved ERA budget and will also be managing the contract.

Commercial - will be part of the contract placement process and communication with the contractor until contract award.

2.6 Process for Monitoring

N/A

2.7 Related/Supporting Documents

N/A

3. Scope of Work

The unreliability and unavailability of certain assets in Medupi Power Station is a major concern which result in unplanned downtime, longer mean time to repair and it has also contributed too many production risk on the Units. Initiatives to improve the reliability and availability of the plant amongst others includes, procuring assets through a procure and supply contract.

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3.1 Supply of Spares

Also refer to the NEC pricelist

1. Description of Item:

Item No.	Asset / Material Description	Unit	Quantity	Cost Amount
Supply & Delivery Of Various Assets				
1	Diesel Engine Driven Self Priming Trash	Each	1	
2	Industrial Vacuum Cleaner	Each	4	
3	BOBCAT S570 (BOBCAT S510)	Each	1	
4	Ride on floor sweeper	Each	1	
5	Storage steel container (New 12m Steel Container)	Each	1	
6	90kW floating Pumps (Atlas Copco WEDA "D" Range D100N 380-400V D50 Hz Pump)	Each	1	
7	3.5 Ton Forklift (Diesel forklift)	Each	1	
8	13M ELECTRICAL MOBILE CONVEYOR	Each	1	
9	PURIFIER: TYPE: MOBILE; MATERIAL: OIL; TURBINE OIL PURIFIER FLOW RATE; 100 L/M WORKING PRESSURE; +-0.5 OIL WORKING TEMP; 45-65 DEG HEATING POWER; 60 KW INLE/OUTLET OIL PIPE; DN40 WATER CONTENT PPM; <=50 PPM	Each	1	
10	10 Ton Forklift (Diesel forklift)	Each	1	
11	3 Ton Forklift (Diesel forklift)	Each	1	
12	Endoscope - 10m long	Each	1	
12	PF Sampling Machine, Semi auto/Automatic PF sampler	Each	1	
13	Pulveriser, Coal sample pulveriser to crush coal sample (Final fitness * < 100 micro meters)	Each	1	
14	Jaw crusher and rotary splitter(crush to from 45mm coal sample to 4.75mm with 10 way rotary splitter	Each	1	

2. Contract Period:

Once-off purchase

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3. **Employer anticipates Quantity of:** As per the item list (NEC Pricelist)
4. The assets will be supplied to the “goods received” section of the Medupi main store where it will be received by the material management section. The assets will be delivered with all of the required data books and certificates, where required.
- Medupi Stores Working Times: Monday – Thursdays: 07h00 – 16h00
Fridays: 07H00 – 12h00
5. Only once the assets have passed the Quality control checks and are booked into the system can payment be effected.
6. It is the *Contractor's* responsibility to ensure that correct assets are delivered. If the incorrect assets are delivered, then it will have to be replaced with the correct on at the *Contractor* cost. This includes transport and delivery.
7. The Delivery and Transport Costs (including off-loading items) must be included in the quotation.

The following packaging requirements should be adhered to:

- The Goods are to be packaged in such a manner that it can be transported and stored for an extended period of time without resulting in damage to the goods.
- This includes damage due to moisture ingress, corrosion, vibration from the power station etc.
- Where lifting gear is utilised to move the goods, the packaging should allow the lifting operation and ensure that the goods are not damaged in any way during the process.
- It will also not be necessary to open packaging for any lifting or transport operation.
- Where eye bolts are fitted to move the goods, these eye bolts should be fitted such a way that they can be easily removed and replaced with the Purchaser's eye bolts, ensuring that the packaging stays intact.

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- The different items are to be packaged separately in such a way that each type can be stored separately.
- Packaging and labelling of items should ensure that the items can be identified without opening the packaging.
- Where possible the packaging should ensure that parts can be positively identified through the packaging. Where this is not possible the packaging should allow opening and closing of the packaging and still maintain the packaging integrity afterwards.
- Delivery packaging to have the following detail on it as a minimum (removable adhesive sticker if possible):
 - Order number,
 - A short description of component
 - The asset number
 - Manufacturing date, where possible

4. Acceptance

This document has been seen and accepted by

Name	Designation
Justice Mphahlele	Project Manager
Justice Futhana	Management Account

5. Revisions

Date	Rev.	Compiler	Remarks
January 2023	1	J Mphahlele	First revision

6. Development Team

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

Name	Designation
Justice Mphahlele	Project Manager
Justice Futhana	Management Account

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