

	Scope of Work	Generation
---	---------------	------------

Title: Matimba Power Station, Supply
and Delivery of Mill Gear Oil
Pumps

Alternative Reference Number: N/A

Area of Applicability: Engineering

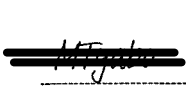
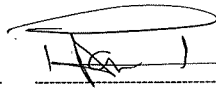
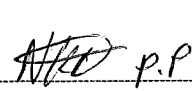
Documentation Type: Scope of Work

Revision: 0

Total Pages: 15

Next Review Date: As Required

Disclosure Classification: CONTROLLED
DISCLOSURE

Compiled by:	Recommended by:	Supported by:	Authorized by
 ~~M. Vana~~	 ~~P. Mwananda~~	 ~~A. P. P.~~	 ~~J. Mathobela~~
System Engineer	Mechanical Maintenance	Boiler Engineering Manager	Engineering Manager
Date: 2024/12/02	Date: 3. 12. 2024	Date: 2024/12/02	Date: 2024/12/03

Content	Page
1. Introduction.....	3
2. Supporting Clauses	3
2.1 Scope.....	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.1.3 Effective date.....	3
2.2 Normative/Informative References	3
2.2.1 Normative.....	3
2.2.2 Informative.....	4
2.3 Definitions	4
2.4 Abbreviations	4
2.5 Roles and Responsibilities	5
2.5.1 <i>Supply Manager</i>	5
2.5.2 <i>Contractor</i>	5
2.6 Process of Monitoring.....	5
2.7 Related/Supporting Documents.....	5
3. Document Content.....	6
3.1 General	6
3.1.1 Adherence to Eskom General Policies & Standards	6
3.1.2 Quality Standard.....	6
3.1.3 Document Control.....	6
3.1.4 Contractual Meetings.....	6
3.1.5 Correspondence.....	6
3.1.6 <i>Task Order</i>	6
3.2 Scope of Work Information	7

1. Introduction

Eskom, Matimba Power Station Management has decided to outsource the supply and delivery of Mill gear oil pumps to an experienced, well-established, and qualified Service Provider.

This document describes the detail of the applicable requirements, scope of work, specifications, terms & conditions as well as the criteria to qualify for the tender.

2. Supporting Clauses

2.1 Scope

This document sets out the detailed User Scope of Work requirements necessary for All plant Maintenance Services.

2.1.1 Purpose

The purpose of this document is to define a User Scope of Work requirement based on which a supply contract will be established between the Employer and the supplier.

Matimba Power Station is expected to perform at EAF>85, PCLF<8 and UCLF<5, and the supplied material must support this requirement.

It is therefore imperative that the successful and suitably qualified supplier aligns their company fully to these specified user supply requirements scope of work.

2.1.2 Applicability

This document shall apply to the user requirements of supply of bearings to Matimba Power Station.

2.1.3 Effective date

The effective date of this document is as per the date and signature of the authorizer, as indicated on the cover page.

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] ISO 9001 Quality Management Systems.
- [2] 32 – 1034: Procurement and Supply Chain Management Procedure
- [3] 32- Preferential Procurement Policy Framework Act 5 of 2000

CONTROLLED DISCLOSURE

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

2.2.2 Informative

- [1]. 240-62072907: Eskom Delegation of Authority Policy.
- [2]. 240-165040111: Supplier Terms Policy
- [3]. 32-1033: Procurement and Supply chain Management Policy
- [4]. 240-141007195: Electronic Signature usage Policy
- [5]. 240-156280553: Procedure for signing documentation electronically using the Eskom electronic signing system.
- [6]. 240-168966153: Generation Tender Technical Evaluation Procedure

2.3 Definitions

- 2.3.1. Ad hoc: A solution designed for a specific problem or task, non-generalizable, and not intended to be able to be adapted to other purposes.
- 2.3.2. *Contractor*: Partnership agreements and service provider contracted for supplying specific service/goods to Eskom Generation Matimba Power Station.
- 2.3.3. Controlled Disclosure: Controlled disclosure to external parties (either enforced by law, or discretionary).
- 2.3.4. Employer: Eskom or Eskom Generation, Matimba Power Station.
- 2.3.5. Parties: The Employer and the Contractor.
- 2.3.6. Supply Manager: The Employer's representative in regard to the supply contract agreement.
- 2.3.7. Task Order: The Service Manager's instruction to perform a task. SAP PM orders will also be used as task orders.

2.4 Abbreviations

Abbreviation	Description
NECSC	Supply Contract Document
NEC3	New Engineering Contract
URS	User Requirement Specification.
CFT	Cross Functional Team
OEM	Original Equipment Manufacturer.
PCM	Process Control Manual.
PDF	Portable Document Format.
QCP	Quality Control Plan.

CONTROLLED DISCLOSURE

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

SAP	Systems, Applications Products.
TET	Technical Evaluation Team
SME	Subject Matter Expert

2.5 Roles and Responsibilities

2.5.1 Supply Manager

1. Co-ordinating and Manage contract budget and expenses.
2. Ensures that the service provider operates within the budget.
3. Communicate technical interface between Eskom and the service provider.
4. Review, verify and approve receipt of services or deliverables from the goods supplier.
5. Manage and maintain records and correspondence between the employer and service provider.
6. Ensures that the service provider comply with the terms and conditions of the contract.
7. Keep the records of the contract for history and audit purposes.

2.5.2 Contractor

1. Supply of spares service to the *Employer* in accordance with Matimba Power Station procurement process as per spares URS.
2. Ensure that quality of spares delivered in Process for Monitoring in accordance to the Scope of Work as stipulated within Matimba Power Station spares URS.
3. The supplier shall ensure that all spares are accompanied by their related user specification as per their URS.

2.6 Process of Monitoring

On delivery of spares to Matimba Power station main stores, items will be subjected to quality control (QC) by an End User to ensure that description of delivered items complies with that of the order.

2.7 Related/Supporting Documents

- [1]. NEC 3 Supply Contract.

CONTROLLED DISCLOSURE

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

3. Document Content

3.1 General

3.1.1 Adherence to Eskom General Policies & Standards

The Supplier shall ensure that their Employees delivering spares to site comply with Eskom's policies and site regulations and Eskom's Life Saving Rules.

3.1.2 Quality Standard

The Supplier shall ensure that the quality of spares delivered to Matimba is as per the ISO 9001 Standard to support Matimba's objective of improving performance.

3.1.3 Document Control

All contractual communication between the *Employer* and *Supplier* shall be in written format accompanied by an official letterhead and signed by the authorised *Parties*.

All attached documentation shall be in the format of Microsoft Word/ Excel and/ or Power Point.

All contractual communication letterheads and attached documentation shall be electronically mailed as per PDF format.

3.1.4 Contractual Meetings

a) ADHOC Meetings can be scheduled and agreed upon

3.1.5 Correspondence

All verbal and non – verbal communication between the *Employer* and *Supplier* shall be communicated in an electronic format which can be read or copied.

3.1.6 Task Order

The *Contractor* shall by no means carry out any maintenance work in terms of the Scope of Work Information, without the approval of the *Employer*.

The *Contractor* shall by no means carry out any maintenance work in terms of the Scope of Work Information, without the approval an official SAP Task Order Number being supplied by the *Employer* to the *Contractor*

CONTROLLED DISCLOSURE

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

3.2 Scope of Work Information

Item nr	Material number	Material Description and Texts (Supply & Delivery of Mill gear oil pumps)	UMC	QTY
1	45172	PUMP, ROTARY: TYPE: GEAR; PORT SIZE: 63 MM; CAPACITY: 174 LPM; SPEED: 1450 RPM; RATING: 10 BAR; APPLICATION: MILL BEARING LUBRICATION; SPECIFICATION: DIN 24312; MOUNT: FLANGE; DRIVER WITHOUT MOTOR; USED ON MILL BEARING LUBRICATION UNIT LOW PRESSURE, COMPLETE WITH FITTINGS; PART NO: R45 125-FL-Z-W-SAE2.1/2-R; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	150
2	45142	PUMP, ROTARY: TYPE: 2 STG GEAR; PORT SIZE: 15 MM; CAPACITY: 5.5 CM3/REV; SPEED: 700-4000 RPM; RATING: 300 BAR; APPLICATION: EXTERNAL GEAR UNIT; SPECIFICATION: ISO 8434-1; MOUNT: FLANGE; DRIVER WITHOUT MOTOR, HIGH PRESSURE HYDRAULIC GEAR OIL, ORDERING CODE: AZPFF-11-005/005 RCB 2020MB; REAR STAGE; DISPLACEMENT 5.5 CC/REV; FRONT COVER 4 BOLT RECTANGULAR FLANGE MOUNTED; 80MM SPIGOT; SHAFT 17MM DIA 1:5 CONICAL; SUCTION PORTS 15MM DIA; FLANGED WITH 4 HOLE X M6 DEPTH 13 AT 40MM PCD; PRESSURE PORT 15MM DIA; FLANGED WITH 4 HOLE X M6 DEPTH 13 AT 35MM PCD; SEALS MATERIAL NBR UP TO 80 DEGREES CELSIUS; TO BE SUPPLIED AS ONE COMPLETE UNIT ASSEMBLED WITH O RING; BOLTS; ROUND METAL DISC COUPLING; SLOTS IN EACH SIDE OF COUPLING DISC 6MM DEEP; PART NO: 0510900003; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	150
3	45120	PUMP, ROTARY: TYPE: ROLOID; PORT SIZE: 50.9 MM; CAPACITY: 209 LPM; SPEED: 940 RPM; RATING: 110-140 KPA; DRIVER: WITHOUT; APPLICATION: MILL MAIN GEARBOX LUBE OIL SYSTEM; MOUNT: FOOT; DRIVER WITHOUT MOTOR; ROTOR FACE WIDTH: MAXIMUM; SERIES: M; PUMP SIZE: 40; PUMP TYPE: H; PUMP BODY INLET/OUTLET FLANGES: 2 HOLE SAE OVAL FLANGE; PCD: 111.1MM; BOLT HOLE SIZE: 16MM; REFERENCE NO: M40H-1-FT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	150

CONTROLLED DISCLOSURE

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

4	611802	CASING, PUMP: TYPE: PLUNGER; PUMP SIZE: 12 MM X 0.1 CM3; MATERIAL: CI; PRESSURE RATING: 200-250 BAR; GRADE: 62227-2521; PUMP TYPE: FZ-B; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	150
The Total of the Prices				= R

CONTROLLED DISCLOSURE

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