

	Scope of Work	Generation
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and Delivery of Mill Bearing
spares

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1. Introduction

Eskom, Matimba Power Station Management has decided to outsource the supply and delivery of Mill bearing 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

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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.

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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.

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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*

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3.2 Scope of Work Information

Item nr	Material number	Material Description and Texts (Supply & Delivery of Mill couplings)	UMC	QTY
1	30303	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 60 MM; LENGTH: 50 MM; MATERIAL: STL; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; OD 65MM; PART NO: H313, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). SKF ONLY	EA	250
2	31142	BEARING, ROLLER: TYPE: SELF ALIGNING; SPHERICAL; INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 31 MM; ROW: DOUBLE; BORE SHAPE: TAPER; USED WITH H313 ADAPTOR SLEEVE ON MILL COLD SEAL AIR FAN; REFERENCE NO: 22213CCKC3; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). SKF ONLY	EA	200
3	34816	BEARING, PILLOW BLOCK: BLOCK SIZE: WD 110 X LG 270 X HT 150 MM; SHAFT HEIGHT: 80 MM; BOLT MOUNTING: 2; BOLT DIAMETER: M20; INSIDE DIAMETER: 68 MM; HOUSING MATERIAL: CI; HOUSING COMPLETE WITH LOCATING RINGS, LOCATING RING NO. AND DESIGNATION 2FRB10/120; PART NO: SNH513-611, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). SKF ONLY	EA	200
4	34568	BEARING, PILLOW BLOCK: INSIDE DIAMETER: 97 MM; BOLT MOUNTING: 2; BOLT DIAMETER: M22; BLOCK SIZE: WD 90 X LG 320 X HT 183 MM; SHAFT HEIGHT: 95 MM; ROLLING ELEMENT: SPHERICAL; HOUSING MATERIAL: CI; SELF ALIGNING, MEDIUM DUTY, COMPLETE WITH DOUBLE LIP SEAL; PART NO: SNH 517 TG, SUPPLIER: UNKNOWN; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).SKF ONLY	EA	150
5	30060	BEARING, ROLLER: TYPE: SELF ALIGNING; SPHERICAL; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 36 MM; ROW: DOUBLE; BORE SHAPE: TAPER; NOTE - THE REFERENCE	EA	200

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		NUMBER MUST BE CAST AND NOT ENGRAVED ON AND ORIGINAL PACKED, COMPLETE WITH H317 ADAPTOR SLEEVE; REFERENCE NO: 22217CCK; REFERENCE NO: 22217CCKC3; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).SKF ONLY		
6	29976	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 75 MM; LENGTH: 62 MM; MATERIAL: STL; SIZE 88MM OD; PART NO: H317F, MANUFACTURER: SKF; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE). SKF ONLY	EA	100
7	100820	SEAL: TYPE: BEARING; DIMENSIONS: WD 30 MM X LG 6.89 M X THK 16 MM; MATERIAL: FELT ENGINEERS WHITE; APPLICATION: MILL; TRUNNION, TO BE ONE LENGTH OF FELT (NO JOINT), 0.25 GS/SQR M	EA	25
8	32023	BEARING, ROLLER: TYPE: SELF ALIGNING; INSIDE DIAMETER: 140 MM; OUTSIDE DIAMETER: 225 MM; WIDTH: 68 MM; ROW: SINGLE; BORE SHAPE: TAPER; SUPPL P/N: 23128CCKW33C3; USED ON MILL SCREW CONVEYORS NDE WITH WITHDRAWAL SLEEVE AHX3128 (SHAFT 135)	EA	60
9	606654	BEARING, SLEEVE: TYPE: WITHDRAWAL; INSIDE DIAMETER: 135 MM; OUTSIDE DIAMETER: 150 MM; LENGTH: 83; MATERIAL: STL; SPECIFICATION: AHX3128; WEIGHT=1.31KG	EA	60
10	608687	BEARING, ASSEMBLY: TYPE: SCREW CONVEYOR; APPLICATION: MILL; OUTSIDE DIAMETER: 275 MM; WIDTH: 130 MM; MATERIAL: CI; DRAWING NO: 0.58/40740 REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60
11	31707	BEARING, ROLLER: TYPE: SELF ALIGNING; SPHERICAL; INSIDE DIAMETER: 320 MM; OUTSIDE DIAMETER: 620 MM; WIDTH: 224 MM; ROW: DOUBLE; BORE SHAPE: TAPER; CAGE MATERIAL: BRASS; REFERENCE NO: 23268CAKMW33CC; ONE PIECE PRONGED MACHINED AND RETAINING FLANGES ON THE	EA	60

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		INNER RING, ANNULAR GROOVE AND THREE LUBRICATION HOLES IN THE OUTER RING, RADIAL		
12	581948	BEARING, ASSEMBLY: TYPE: HEAD PULLEY NDE; INSIDE DIAMETER: 50 MM; OUTSIDE DIAMETER: 90 MM; WIDTH: 51.6 MM; REFERENCE NO: UC210; RUBBER SEAL AND SLINGER TO BE INCLUDED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	250
13	30430	BEARING, THRUST: ROLLING ELEMENT: BALL; INSIDE DIAMETER: 70 MM; OUTSIDE DIAMETER: 95 MM; WIDTH: 18 MM; STYLE: OPEN; SUPPL P/N: 51114; FLAT SEATED; ROW SINGLE	EA	250
14	30060	BEARING, ROLLER: TYPE: SELF ALIGNING; SPHERICAL; INSIDE DIAMETER: 85 MM; OUTSIDE DIAMETER: 150 MM; WIDTH: 36 MM; ROW: DOUBLE; BORE SHAPE: TAPER; REFERENCE NO: 22217CCK; 22217CCKC3; NOTE - THE REFERENCE NUMBER MUST BE CAST AND NOT ENGRAVED ON AND ORIGINAL PACKED, COMPLETE WITH H317 ADAPTOR SLEEVE	EA	250
15	34568	BEARING, PILLOW BLOCK: INSIDE DIAMETER: 97 MM; BOLT MOUNTING: 2; BOLT DIAMETER: M22; BLOCK SIZE: WD 90 X LG 320 X HT 183 MM; SHAFT HEIGHT: 95 MM; ROLLING ELEMENT: SPHERICAL; HOUSING MATERIAL: CI; SUPPL P/N: SNH 517 TG; SELF ALIGNING, MEDIUM DUTY, COMPLETE WITH DOUBLE LIP SEAL	EA	250
16	29976	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 75 MM; LENGTH: 62 MM; MATERIAL: STEEL; MANUF P/N: H317F; SIZE 88 MM OD; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	250
17	31142	BEARING, ROLLER: TYPE: SELF ALIGNING; SPHERICAL; INSIDE DIAMETER: 65 MM; OUTSIDE DIAMETER: 120 MM; WIDTH: 31 MM; ROW: DOUBLE; BORE SHAPE: TAPER; REFERENCE NO: 22213CCKC3; USED WITH H313 ADAPTOR SLEEVE ON MILL COLD SEAL AIR FAN	EA	250
18	34816	BEARING, PILLOW BLOCK: INSIDE DIAMETER: 68 MM; BOLT MOUNTING: 2; BOLT DIAMETER: M20; BLOCK SIZE: WD 110 X LG 270 X HT 150 MM; SHAFT HEIGHT: 80 MM; HOUSING MATERIAL: CI; SUPPL P/N: SNH513-	EA	250

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		611; HOUSING COMPLETE WITH LOCATING RINGS, LOCATING RING NO. AND DESIGNATION 2FRB10/120		
19	30303	SLEEVE, ADAPTOR: TYPE: BEARING; SHAFT SIZE: 60 MM; LENGTH: 50 MM; MATERIAL: STEEL; SUPPL P/N: H313; SUPPLIER NOTE - THE ITEM MUST BE ORIGINAL PROTECTIVE PACKED AND MARKED; OD 65 MM; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	250
20	251520	SLEEVE, ADAPTOR: TYPE: HYDRAULIC; SHAFT SIZE: 320 MM; LENGTH: 324 MM; MATERIAL: STEEL; REFERENCE NO: 23268 CAKMW 33 CC; MILL GIRTH PINION SHAFT PLUMMER BLOCKS H3268 AND HYDRAULIC NUT HMV68; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA	60

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