



SCOPE OF WORK

Matimba Power Station

TENDER NUMBER: E3257GXLPMAT

BID NAME: SUPPLY AND DELIVERY OF OIL FREE COMPRESSOR AND AIR DRYERS

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1. Introduction

Eskom, Matimba Power Station needs a spare compressor for use during maintenance times. This is to have sufficient compressed air available while compressors is out for service.

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 the Supply and delivery of a compressor and dryer to Matimba Power Station.

2.2 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>722, PCLF<9.79 and UCLF<15.48, 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.

2.2.1 Applicability

This document shall apply to the user requirements of supply of a compressor and dryer to Matimba Power Station.

2.2.2 Effective date

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

2.3 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.3.1 Normative

[1] ISO 9001 Quality Management Systems.

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- [2] 32 – 1034: Procurement and Supply Chain Management Procedure
- [3] 32- Preferential Procurement Policy Framework Act 5 of 2000
- [4] Occupational Health and Safety Act, 85 of 1993
- [5] Quality Programme ISO 9000/1/2
- [6] 240-46554063: Safety Health Environmental and Quality Policy

2.3.2 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
- [7]. 32-391: Eskom Integrated Risk Management Procedure
- [8]. Plant safety Regulations
- [9]. National key point Act no 102 of 1980

2.4 Definitions

- 2.3.1. *Contractor*: Partnership agreements and service provider contracted for supplying specific service/goods to Eskom Generation Matimba Power Station.
- 2.3.2. *Controlled Disclosure*: Controlled disclosure to external parties (either enforced by law, or discretionary).
- 2.3.3. *Employer*: Eskom or Eskom Generation, Matimba Power Station.

2.5 Abbreviations

Abbreviation	Description
NECSC	Supply Contract Document
NEC3	New Engineering Contract
URS	User Requirement Specification.
CFT	Cross Functional Team

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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.

OEM	Original Equipment Manufacturer.
PCM	Process Control Manual.
PDF	Portable Document Format.
QCP	Quality Control Plan.
SAP	Systems, Applications Products.
TET	Technical Evaluation Team
SME	Subject Matter Expert

2.6 Roles and Responsibilities

2.6.1 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.

2.6.2 Contractor

1. Supply of spares and service to the *Employer* in accordance with Matimba Power Station procurement process.
2. Ensure that quality of spares and equipment delivered in accordance with the Scope of Work
3. The supplier shall ensure to comply to all relevant procedures and regulations.

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2.7 Process of Monitoring

On delivery of spares and equipment 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.

2.8 Related/Supporting Documents

N/A

3. Scope of Work

1. Supply and delivery of fittings and pneumatic pipes to Matimba Power Station						
Item	Material	Description	UoM	QTY	Unit Price	Total Value
1	0777634	COMPRESSOR: TYPE: SCREW; SIZE: 3x1.8x2.05 M; POTENTIAL: 380 V; PRESSURE RATING: 7.5 BAR; POWER: 400 KW; CURRENT: 80 A; RSVT400 SCREW COMPRESSOR. 7.5BAR. 58M3/MIN, OIL FREE SCREW COMPRESSOR		1		
2	0777727	DRYER: TYPE: DESICCANT; POWER: 27 KW; PE2060 DESICCANT DRYER, 58M3/MIN AIR DELIVERY, PREFILTER : PF 3FC, AFTER-FILTER : PF3FS		1		

3.1 Scope description

The scope of the portable additional compressor entails the following:

- Flow and pressure delivery 56m3/min @700kPa
- 400v or diesel engine power supply
- Air cooled
- The compressor shall be supplied with matching desiccant dryers
- Dryers to deliver a dew point of -40degrees C or less.
- ISO 8573.1:2010 / Class 2 before and after Filter (0,1 micron)
- Vessel designed to ASME 8

Technical requirements:

- References of previous compressors supplied.

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- Proof of ASME 8 certification
- Suppliers to be an authorized OEM dealer
- All equipment to be compatible with Engen lubricants

3.2 Safety precautions

The contractor shall follow all Eskom's safety requirements including life saving rules and regulations required to perform the work.

4. Technical evaluation

Technical evaluation will be based on the technical criteria and scoring rating.

Technical evaluation to be performed by Engineering and Maintenance personnel

5. Commercial evaluation

Financial evaluation to be carried out by financial personnel

Commercial documents to be signed by Commercial Manager
