Eskom	**STRATEGY**	**Grootvlei Power Station**

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Compiled by	**Supported**	**Functional Responsibility**	**Authorized by**
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System Engineer	**Auxiliary Maintenance Manager**	**Auxiliary Engineering Manager**	**Engineering Manager**
Date 11/09/2025	Date: 11/09/2025	Date: 11/09/2025	Date: 11/09/2025

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1. INTRODUCTION

Grootvlei PS wants to purchase 7 diesel pumps so that there are enough pumps for draining activities that usually happen around the common plant area during emergencies. Diesel pumps are used on some of the following plants:

- Ash pump sumps and pits
- Ash plant ashing sluice ways
- Ash plant cross over valves
- Pollution dams (East Terrace, South Terrace and Coal Stockyard dams)
- Ash Water Return and Ash Dams

The purpose for supplying the 7 diesel pumps is to ensure that Grootvlei has enough spare diesel pumps and plant redundancy with regards to dewatering and cleaning activities. To get a supply of the 7 diesel pumps a normal procurement process must be followed to select a suitable supplier as per the SOW and the technical evaluation.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document covers technical evaluation strategy that will be used to evaluate suppliers that will tender for the design, supply and delivery of the new 7 diesel pumps. Scope will cover the selection of the technical evaluation team and the type criteria's to be used for the development of the mandatory and qualitative evaluation strategies.

2.1.1 Purpose

The purpose for this technical evaluation strategy is to define the criteria to be used for the Mandatory Evaluation, Qualitative evaluation strategy and TET members responsibilities for the tender technical evaluation. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions. Once the Technical Evaluation Strategy is authorized no changes will be made to the evaluation criteria without appropriate authorization

2.1.2 Applicability

This document applies to Eskom Grootvlei Power Station and parties with roles and responsibilities in the supply of the 7 diesel pumps.

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] 240-168966153: Generation Tender Technical Evaluation Procedure

[2] GVL/0674 Scope of Work for The Supply of Mobile Diesel Pumps

2.2.2 Informative

[4] 32-1033: Eskom Procurement and Supply Chain Management Policy

[5] 1033: Eskom Procurement and Supply Chain Management Policy

[6] 32-1034: Eskom Procurement and Supply Management Procedure

2.3 DEFINITIONS

Add Definitions for Employer, Client, Contractor/Tenderer in alphabetical order

Definition	Explanation
Contractor/Tenderer	Refers to the company/supplier appointed to perform the works
Employer	Refers to Eskom Holdings State Owned Company
The Client	The end user will be Eskom who will be represented by Grootvlei Power Station throughout the duration of the works.

2.3.1 Disclosure Classification

Controlled Disclosure: Controlled Disclosure to external parties (either enforced by law, or discretionary).

2.4 ABBREVIATIONS

Abbreviation	Description
ECSA	Engineering Council of South Africa
NEMA	National Environmental Management Act
NTCSA	National Transmission Company of South Africa
SOW	Scope of Works
PS	Power Station
TET	Technical Evaluation Team member

2.5 ROLES AND RESPONSIBILITIES

- **Engineering Manager**: ensures that all staff in their respective areas understand and adhere to the Generation Tender Technical Evaluation Procedure (240-168966153:) The engineering manager approves the technical evaluation strategy while further ensuring business needs and requirements are met
- **Auxiliary Maintenance Manager**: ensures that all staff in their respective areas understand and adhere the Generation Tender Technical Evaluation Procedure (240-168966153:) The role of the auxiliary maintenance manager support the Technical evaluation strategy while ensuring that inline with business needs and requirements.
- **Technical Evaluation Team (TET) member**: The delegated technical representatives/end users/engineers/technical specialists who are responsible to review and evaluate technical

aspects of the tender documentation as per the Tender Technical Evaluation Strategy. The TET members need to comply with the requirements as stipulated in the 240-106871290: Technical Evaluation Team Member Appointment Letter Template.

- **Accountable Manager**: Responsible for appointment of technical evaluation team members.
- **Responsible Person:** Responsible for the technical evaluation process

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION METHOD

The basic steps for a technical evaluation must be followed as per the Tender Technical Evaluation Procedure.

A two stage Technical Evaluation Strategy is set out.

Stage 1: Mandatory Technical Evaluation Criteria (gatekeepers) are ‘must meet’ criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether the criteria are met. An assessment of ‘No’ against any criterion shall technically disqualify the tenderer and the tenderer shall not be further evaluated against Qualitative Criteria.

Stage 2: Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion.

The evaluation of the tender submission will be based on the tenderer’s ability to meet the technical requirements for the work. A weighted scorecard approach is used to evaluate the technical compliance of the tenders against the scope of work.

The scoring method will be as follows:

Score	Percentage	Description
5	100%	**COMPLIANT** • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80%	COMPLIANT WITH ASSOCIATED QUALIFICATIONS • Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR;

		• Acceptable conditions.
2	40%	NON-COMPLIANT • Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	0%	TOTALLY DEFICIENT OR NON-RESPONSIVE

The evaluation scores will be weighted as follows:

Engineering (100%)	
Mobile diesel pump requirements:	10%
Supplier to provide number of years of designing and manufacturing diesel pumps .	20%
Evidence and experience for maintenance and repair of pumps.	10%
Evidence and experience for maintenance and repair of diesel engines.	20%
Has the Contractor supplied past experience for the service(supply of diesel pumps)	20%
Warranty:	20%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

3.2 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

3.2.1 Mandatory Technical Evaluation Criteria

The defined mandatory evaluation criteria shall be included in the market enquiry.

Note: If the mandatory Technical Evaluation criteria is not met the supplier will automatically fail and the qualitative technical evaluation will not be conducted.

Table 1 : Mandatory Requirements

	Mandatory Technical Criteria Description	**Reference to Technical Specification / Tender Returnable**	**Motivation for use of Criteria**
	Mandatory requirement: 1. Pump internals (wear rings, shafts, impeller, lock multishift sleeve keyways etc) to be made out of CD4MCu stainless steel (Submit the material data sheet) 2. Flow capacity 250-400m3/h 3. Total head: 40-75m	Technical specifications	

3.2.2 Qualitative Technical Evaluation Criteria

Table 2 : Qualitative Technical Evaluation Criteria

		Reference to	**Criteria Weighting**	**Criteria Sub**	**Evaluation Scoring Breakdown**

	Qualitative Technical Criteria Description		**Technical Specification / Tender Returnable**	**(%)**	**Weighting (%)**				
				100%		**0**	**2**	**4**	**5**
	1.1	The supplier must be able to demonstrate that they can supply Mobile diesel pump of the following technical specifications • Fuel tank size range(250-250 litres) • Air cooled diesel engine. • Self-priming/assisted priming (Maximum Static lift 6-10m) • Solids handing capacity (15-30mm) • Connections 6”x6” (1500mm x 150 mm)	Technical specifications		20%	0 Submission not provided, or requirements not met	1-2 requirements met	3-4 requirements met	All 5 requirements met
	1.2	Supplier to provide number of years of designing and			20%	Low credibility 0-12months of required	Above average credibility 13-36months	High credibility 37-48months of required	Excellent credibility More than 48

		manufacturing diesel pumps. Evidence of design, manufacturing of diesel pumps Years of designing, manufacturing of diesel pumps. years of offering such service to Eskom or other industries Supplier to provide order numbers, contracts and contacts				services (Design and manufacturing diesel pumps)	of required services (Design and manufacturing diesel pumps)	services (Design and manufacturing diesel pumps)	months of required services (Design and manufacturing diesel pumps)
	1.3	Evidence and experience for maintenance and repair of pumps. • Traceable references and contracts or purchase orders with Eskom or other companies • Maintenance of pumps • Provide evidence of maintenance			20%	0-1 previous contracts or purchase orders	2– 3 previous contracts or purchase orders	4 – 5 previous contracts or purchase orders	More than 6 previous contracts or purchase orders

		and repairs pumps							
	1.4	The Contractor to demonstrate past experience for the service (supply of diesel pumps) Traceable references and contracts or purchase orders with Eskom or other companies Number of months / years of supplying diesel pumps specifically			20%	Low credibility 0-12months of required services	Above average credibility 13-36months of required	High credibility 37-48months of required services	Excellent credibility More than 48 months of required services
	1.5	Warranty: Warranty letter for both the diesel engine and the pump			20%	Less than 12 Months	12-18months	19-2months	More than 24months
		TOTAL (100%)							

3.2.3 TET Member Responsibilities

Table 3 : TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
2	X	X	X	X
3	X	X	X	X
4	X	X	X	X
5	X	X	X	X
6	X	X	X	X
7	X	X	X	X

4. TET (TECHNICAL EVALUATION TEAM) MEMBERS

Name & Surname	**Designation**
Vusani Mutenda	Ash Plant & Fire Engineer – Grootvlei Power Station
Bruce Kruger	Snr Supervisor Tech Maintenance(Auxiliary) – Grootvlei Power Station
Pitso Letsoenyo	Coal plant , Dam and Cranes Engineer - Grootvlei Power Station
Zakhele Tshabalala	Technician Maintenance(Auxiliary)– Grootvlei Power Station

5. AUTHORIZATION

This document has been seen and accepted by:

Name & Surname	**Designation**
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Pitso Letsoenyo	Coal Plant and Pollution Control Dam Pumps System Engineer
Bruce Kruger	Snr Supervisor Tech Maintenance(Auxiliary) – Grootvlei Power Station
Meshack Madzivhandila	Auxiliary Maintenance Manager - Grootvlei Power Station
Menelisi Mkhabela	Auxiliary Engineering Manager – Grootvlei Power Station
Thabo Montja	Engineering Manager - Grootvlei Power Station
Ben Madisa	Maintenance Manager(Acting) – Grootvlei Power Station

6. REVISIONS

Date	Rev.	Compiler	Remarks
July 2025	1	Vusani Mutenda	First revision

7. DEVELOPMENT TEAM

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

- Vusani Mutenda
- Bruce Kruger
- Pitso Letsoenyo
- Zakhele Tshabalala

8. ACKNOWLEDGEMENTS

- Menelisi Mkhabela
- Meshack Madzivhandila

9. ANNEXURE