Eskom	Strategy	Engineering

Title:	**Tender Technical Evaluation Strategy for Supply Two New Fire Diesel Engines, Install and Commission the Engines**	Unique Identifier:	**C.GML0763**
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Compiled by	Functional Responsibility	Authorised by
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SNR Technologist	**Auxiliary Engineering Manager**	**Engineering Manager**
Date: 20/02/2026	Date: 20/02/2026	Date: 2026/03/21

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TABLES

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1. INTRODUCTION

The existing diesel-driven pump sets installed at Matla Power Station date back to the early 1980s and have surpassed their original design service life. These engines are critical components of the fire water supply system, serving as the primary power source for the pumps that deliver water to the station's fire protection infrastructure. This system forms a fundamental part of the station's emergency response and risk mitigation framework.

Over the past several years, the diesel engines have exhibited recurring mechanical failures, including but not limited to:

- . Chronic overheating during normal load conditions
- Oil and fuel leakage due to worn seals and degraded gaskets
- Cold start failures during winter months
- Excessive vibration and abnormal noise levels indicative of internal wear
- Frequent unplanned maintenance and increasing downtime

Given the criticality of the fire water supply system to the overall safety and insurability of the power station, the replacement of the existing diesel engines with modern, compliant, and reliable units is essential.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of work entails replacement of the two fire diesel engines with two new diesel engines at the LP pump house:

- Select, Procure, Supply, Install and Commission two new fire diesel engines.
- The scope is inclusive of the whole diesel engines and associated equipment or components such as but not limited to exhaust system, diesel tanks, etc. however excluding the actual pumps

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

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2.1.2 Applicability

This document applies to Matla Power Station

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] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

[2] MEA-06824 Supply two new fire diesel engines, install and commission the engines

[3] Definitions

2.2.3 Classification

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

2.3 ABBREVIATIONS

Abbreviation	Description
TET	Tender Evaluation Team

2.4 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.5 PROCESS FOR MONITORING

N/A

2.6 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 75%.

3.2 TET MEMBERS

Table 1: TET Members

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TET number	TET Member Name	Designation
TET 1	Aux Engineering	Technologist
TET 2	Aux Engineering	Engineer

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	The Tenderer to confirm that they have a track record of 5 completed project as a minimum installation, testing and commissioning of the diesel engines Submit a written confirmation stating that the supplier has completed at least 5 projects in the installation test and commissioning of the diesel engines	Written confirmation letter stating at least 5 projects completed by the tenderer in the in the installation test and commissioning of the diesel engines with project values complete with traceable award letters or completion certificates to be provided	Fire system is a level one plant and key personnel allocated to the contract should have necessary documents. This is to ensure that the tenderer has the capability and experience to undertake the works

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

Weight Threshold (%)	Section	KPI- Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	%	Qualitative Evaluation Scoring			
						0	2	4	5
	Technical Requirements								
		1. Company Profile	**Company profile (30%)**						
75%	**Technical Requirements**	Traceable Evidence of Projects Completed	Evidence of similar projects that have been completed, involving installation, test, and commissioning of diesel engines	Company to provide list of previous work completed. With proof of completion-certificates, contact person at the company where the work was carried out.	25%	Not Provided=0%	1-2 Project completed with completion certificates and contact persons= 40%	3-4 Projects completed with completion certificates and contact persons= 80%	5+ Projects completed with completion certificates and contact persons=100%
		Qualifications	Diesel Mechanic	CV and certificates of qualifications as diesel mechanic and trade test certificate	25%	Not Provided=0%	Submitted with less than 1-2 years experience =40%	Submitted with all certificates with less than 3-4 years experience=80%	Submitted all requirements and 5 years plus experience =100%
		Documentation	Type of Documentation	Submit method statement detailing how the work will be executed with the following as a minimum.	20%	Not Provided=0%	Submitted method statement with 1-5 activities=40%	Submitted method statement with 6-8 activities= 80%	Submitted all documentation =100%

				1 Purpose 2 Scope 3 References 4 Responsibility 5 Manpower Category 6 Requirements 7 Methodology 8 Quality Control & Assurance 9 Safety Instruction & Precautions Provide a step by step the tasks required.					
			Cost Breakdown	Detailed cost breakdown to be submitted with the reply to the RFQ	15%	No Cost submitted=0%	N/A	N/A	Submitted with detailed cost breakdown=100%
			Quality Documents	Submit the Quality document report covering the following tasks but not limited to 1 QCP for installation of the diesel engines 2 Testing and commissioning of the diesel engines 3 Typical data book index for installation, maintenance	15%	No Information submitted incomplete documentation=0%	Submitted documentation covering 1-2 items =40%	Submitted Documents covering 3 items 80%	Submitted documents covering 4 and above=100%

				and testing of the diesel engines. 4 Spare parts list for diesel engines components					

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
2	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**
1	X	X
2	X	X

3.5.1 Risks

N/A

3.5.2 Exceptions / Conditions

N/A

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Michael Tladi	SNR Technologist	
Gavin Phelelo	Auxiliary Engineering Manager	
Lindokuhle Ngobese	Engineering Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
February 2026	1	Michael Tladi	Reviewing the date

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6. DEVELOPMENT TEAM

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

Michael Tladi

Gavin Phelelo

7. ACKNOWLEDGEMENTS

N/A

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