Eskom	Technical Evaluation Strategy	GROOTVLEI

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APPENDIX ACONTROLLED DISCLOSURE

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1. INTRODUCTION

The GE Multilin M II family of relays, which includes the MIF II, was discontinued in 2010. GE Vernova ceased manufacturing of the M II family with support ended on April 1, 2017. Grootvlei Power station GE plus Low voltage switchgears have the MIF II relays installed and majority are defective. The MIF II was part of the M II family of relays. Grootvlei Power station initiated a retrofit project in 2020 focusing on replacing existing GE MIF II with the GE Multilin SR-350 as an alternative.

This technical evaluation strategy is to be used to assess the technical aspect of the suppliers for the supply and delivery of the Multilin 350 Feeder Protection System (SR-350 Protection Relay), A technical evaluation strategy helps to mitigate risks, ensuring that only reliable products are procured. This strategy also ensures that the supplier possesses the necessary capabilities to meet delivery timelines and comply with all relevant Eskom requirements or standards.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document defines the technical requirements that will be evaluated and scored by the Technical Evaluation Team (TET) to complete the technical evaluation of the suppliers. The team members who will be involved in the evaluation are listed in this document along with their responsibilities. Once the Technical Evaluation Strategy is authorised, no changes will be made to the evaluation criteria without the appropriate authorisations.

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 technical evaluation of suppliers. The technical evaluation strategy serves as basis for the tender technical evaluation process.

The purpose of this Technical Evaluating Strategy is to provide a consistent approach to:

- Processes and principles to be followed when technically evaluating tenders.
- Responsibilities of individuals and
- Reporting requirements.

2.1.2 Applicability

This document is applicable to Grootvlei Procurement and Electrical Engineering Department **ONLY**.

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] 240-48929482: Tender Technical Evaluation Procedure

[3] 32-1033: Eskom Procurement and Supply Chain Management Policy

[4] 32-1034: Eskom Procurement and Supply Management Procedure

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[5] Occupational Health and Safety Act and Regulations (85 of 1993)

[6] IS0 14001 Safety Management Systems

[7] 240-56357424: MV & LV Switchgear Protection Standard.

[8] 240-56227516: LV Switchgear and Control Gear Assemblies and Associated Equipment for Voltage up to and Including 1000V AC and 1500V Standard.

2.2.2 Informative

[9] 36-681 Generation Plant Safety Regulations

[10] 240-52844017 Eskom System Reliability, Availability and Maintainability Analysis Guideline

[11] ISO 10007 Guidelines for Configuration Management

[12] 240-105658000 Supplier Quality Management Specification

[13] 32-846 ORHVS Regulation.

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Definition	Description
SR	System Relay
Gx	Generation
IEC	International Electro-technical Commission
PTM	Protection, Telecontrol and Measurements
kV	Kilo volt
MW	Megawatt
OHS Act	Occupational Health & Safety Act
QCP	Quality Control Plan
QC	Quality Control
SANS	South African National Standards
TET	Technical Evaluation Team
GE	General Electric

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2.5 ROLES AND RESPONSIBILITIES

- **Engineering Manager**: Grootvlei Engineering Manager shall ensure that the respective areas understand and adhere to [2] **Tender Technical Evaluation Procedure 240-48929482**
- **Technical Evaluation Team (TET) Member**: The delegated **Engineers / Technical Specialists** who are responsible to review and evaluate technical aspects of the tender documentation as per the [2] **Tender Technical Evaluation Strategy 240-48929482**.
- **Suppliers**: All suppliers of Eskom must be conversant with the requirements of this standard and shall comply with the requirements. No deviations will be accepted, and suppliers shall ensure that they obtain clarity where required and obtain all supporting information or documents necessary to comply with this document.

2.6 PROCESS FOR MONITORING

The GE SR 350 multilin relay acceptance systems (QC) shall be in accordance with SANS [10]. Certificates of compliance, and other necessary documentation with each delivery shall be provided.

The process to be followed in performing technical evaluations during the tender evaluation process must be consistent throughout **Eskom Engineering**.

2.7 RELATED/SUPPORTING DOCUMENTS

[11] 240-53716746: Tender Technical Evaluation Report Template

[12] 240-53716712: Tender Technical Evaluation Results Form Template

[13] 240-53716726: Tender Technical Evaluation Scoring Form Template

[14] 240-53716769: Tender Technical Evaluation Strategy Template

3. TENDER TECHNICAL EVALUATION STRATEGY

Technical evaluations are a critical activity performed by **Engineers / Technical Specialists** in accordance with [3] 32-1033: Eskom Procurement and Supply Chain Management Policy and [4] 32-1034: Eskom Procurement and Supply Management Procedure during the tender process.

This procedure shall ensure that a consistent, fair, transparent, impartial and auditable process is followed to identify the highest technically ranked tenderer.

3.1 TECHNICAL EVALUATION THRESHOLD

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 or not the criteria are met unless set otherwise. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

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

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3.2 TET MEMBERS

Table 1 below lists the TET members.

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1		
TET 2		

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3.3 MANDATORY TECHNICAL EVALUATION STRATEGY

Table 2: Mandatory Technical Evaluation Strategy

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Technical Manual of the Multilin 350 Feeder Protection System (GE Multilin 350 Protection Relay).	M1 (Appendix A)	Correct comprehensive manual demonstrates the supplier knows the product required.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

Note: *Minimum threshold is 70%.*

	Qualitative Technical Criteria Description		Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**TECHNICAL COMPLIANCE** - The supplier must provide an offer documentation of the exact Firmware version and model part number: GE Multilin 350 protection relay (SR-350) part number: LP1G1HEECRSRDH suitable for the intended application.		**30**	
	1.1	Model offered not approved by Eskom/ incorrect specification for the application/Nothing offered.	0	0
	1.2	Supplier offered alternative approved model(s).	15	50
	1.3	Correct Model and part number offered.	30	100
2.	**SUPPLIER CAPABILITY.** - The supplier must provide evidence of successfully delivery/deliveries of the GE Multilin 350 (SR-350) protection relay or similar electrical protection items in the past.		**20**	
	2.1.	No evidence provided or evidence provided are not of similar items or equipment required.	0	0
	2.2	Evidence indicating the supplier has successfully delivered similar items or equipment in past but not the exact model required.	10	50
	2.3	Evidence provided indicating the supplier to have successfully delivered the exact model required.	20	100
3.	**LEAD TIME TIMEFRAME.** - Supplier should provide a detailed document outlining the expected timeframe from receipt of purchase order to fulfilling order.		**30**	

	3.1	Supplier timeframe from receipt of P.O to delivery of the items is more than 4 months or equal to 6 months or nothing provide.	0	0
	3.2	Supplier timeframe from receipt of P.O to delivery of the items is more than 3 months but less or equal to 4 months.	15	50
	3.3	Supplier timeframe from receipt of P.O to delivery of the items is less than or equal to 3 months.	30	100
4.	**WARRANTY.** - Supplier to provide warranty period.		**20**	
	4.1	No warranty period offered.	0	0
	4.2	Supplier warranty is less than 2 years from date of delivery.	10	50
	4.3	Supplier warranty is equal to or more than 2 years from date of delivery.	20	100
			TOTAL: 100	

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4. TENDER TECHNICAL EVALUATION REPORT

On completion of the technical evaluation process and all clarification sessions, the final technical evaluation results shall be documented in a Tender Technical Evaluation Report, which shall comprise, as a minimum.

- Details on the implementation of Tender Technical Evaluation Strategy ;
- List all tenders (tenderer name, etc.) received and evaluated;
- Summary of all clarification questions and responses received;
- Summary of evaluation results;
- Interpretation of evaluation results (mandatory and qualitative criteria);
- Final conclusions and recommendations;
- All individual scoring forms and consolidated results;
- Minutes of all meetings during evaluation process (internal clarification sessions, tenderer clarification sessions, etc.)

The Tender Technical Evaluation Report shall highlight any key issues that must be further addressed and/or negotiated. The report shall also highlight any issues that require on-going scrutiny once the contract has been awarded.

On completion of the Tender Technical Evaluation Report, the compiler shall distribute the final draft report to all TET members for their final review.

Once the Tender Technical Evaluation Report has been approved and authorized by Electrical and Engineering Manager, the final signed report shall be formally handed over to the Commercial Representative

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5. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation

6. REVISIONS

Date	Rev.	Compiler	Remarks
July 2025	1		New documents
January 2026	2		Technical evaluation threshold was changed from 80% to 70%. Mandatory category 1 was removed. Qualitative table was redesigned and revised. Appendix A was added. Thabiso Mtsweni was removed as a TET member and Mamello Mokhombothi was added.

7. DEVELOPMENT TEAM

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

8. ACKNOWLEDGEMENTS

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9. Appendix A: Tender returnable index

Returnable reference	Returnable Description	Compliance
M1	The bidder or supplier must submit a comprehensive technical manual of the multilin 350 protection relay (350 Feeder Protection System).	Yes

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