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1. INTRODUCTION

Grootvlei Power station is looking to establish a long-term contract for the Supply, Delivery and Service/Repair/Refurbishment of GE SA Plus LV Switchgear assemblies and components. The contract will be for “as and when” required basis, for a period of 5 years. A technical evaluation (TE) report is required to document the technical evaluation criteria as per the Tender Technical Evaluation Procedure 240-48929482 and to formally communicate the TE returnable, highlighting the technically successful and unsuccessful service providers.

This technical evaluation strategy is to be used to evaluate the technical aspect of the service providers for Supply, Delivery and Service/Repair/Refurbishment of GE SA Plus LV Switchgear assemblies and/or components contract, ensuring the selected service provider meets all technical, quality, and safety requirements. This strategy also ensures that the service provider 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] ISO 14001 Safety Management Systems
- [3] ISO 45001 Occupational health and safety management systems.

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- [4] 240-48929482: Tender Technical Evaluation Procedure
- [5] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [6] 32-1034: Eskom Procurement and Supply Management Procedure
- [7] Occupational Health and Safety Act and Regulations (85 of 1993)
- [8] 240-56357424: MV & LV Switchgear Protection Standard.
- [9] 240-56227516: LV Switchgear and Control Gear Assemblies and Associated Equipment for Voltage up to and Including 1000V AC and 1500V Standard.
- [10] SANS 61439-1, Low-voltage switchgear and controlgear assemblies – Part 1: General rules.

2.2.2 Informative

- [11] 36-681 Generation Plant Safety Regulations
- [12] 240-52844017 Eskom System Reliability, Availability and Maintainability Analysis Guideline
- [13] ISO 10007 Guidelines for Configuration Management
- [14] 240-105658000 Supplier Quality Management Specification
- [15] 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
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

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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**.
- All Eskom employees and/or appointed bodies involved in the contract establishment of for Supply, Delivery and Service/Repair/Refurbishment of GE SA Plus LV Switchgear shall ensure that the contract deliverable meets the requirements of these technical evaluation criteria. Any deviation from these requirements shall constitute non-conformance, unless it was in advance agreed to by a delegated Systems Specialist and is based on sound engineering judgement.
- **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 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 **80%**. Deviation from this threshold shall be defined and motivated in the relevant Tender Technical Evaluation Strategy.

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Motivation for the minimum weighted of 80% for Qualitative criteria.

The LV switchgear forms a critical component of essential auxiliary power systems and safety-related electrical infrastructure, and because any failure, incorrect refurbishment, or deviation from the original GE SA Plus design base could lead to severe safety risks, misidentification of parts, incorrect retrofits, operational unreliability, and extended outages, it is imperative that only bidders demonstrating a high level of technical competence are allowed to proceed; therefore, the minimum qualitative threshold for technical acceptability is set at 80%, which is intentionally above the 70% defined in the Gx Tender Technical Evaluation Procedure (240-168966153) to align with the requirements and intent of standards such as 240-56227516 (LV Switchgear, Control Gear Assembly and Associated Equipment up to 1000 V AC and 1500 V DC), 240-56357424 (MV and LV Switchgear Protection Standard), and other related governance documents that mandate stringent technical alignment for safety-critical equipment; this elevated threshold ensures that only bidders with strong technical capability, proven experience, established quality systems, and a demonstrable understanding of the GE SA Plus switchgear design principles advance to commercial evaluation, thereby reducing the risk of equipment integrity issues, ensuring compliance with engineering and safety standards, and ultimately safeguarding operational reliability and personnel safety, as selecting a supplier without adequate expertise could compromise plant performance, regulatory adherence, and safe maintenance practices, whereas enforcing an 80% threshold strengthens quality assurance, promotes technically accurate refurbishment, maintains the design integrity of the original equipment, and supports the continued safe, reliable, and compliant operation of the plant's low-voltage switchgear infrastructure.

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3.2 TET MEMBERS

Table 1 below lists the TET members.

Table 1: TET Members

TET number	Designation
TET 1	Grootvlei Electrical System Engineer
TET 2	Grootvlei Electrical System Engineer
TET 3	Grootvlei Electrical Maintenance Senior supervisor technician
TET 4	Grootvlei Electrical System Engineer

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.	The bidder shall submit a formal letter on the company's official letterhead, signed by an authorised representative, confirming a clear commitment to maintain the original design base of the LV switchgear GE SA Plus.	Appendix A (M1)	Maintain integrity of the Board and or LV Switchgear
2.	Site visit to bidder's workshop facilities.	Appendix A (M2)	The requirement for site visits to dedicated and compliant electrical workshop facilities is a critical technical and operational necessity for the successful execution of a long-term 5-year LV switchgear for Supply, Delivery and

			Service/Repair/Refurbishment and support contract
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3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

Note: Minimum threshold is 80%.

	Qualitative Technical Criteria Description			Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Experience with AEG/GE SA Plus switchgear or similar switchgear. The bidder should provide proof/evidence for projects completed on the AEG/GE SA Plus in the form of company names, contact person & details of the projects.			20	
	1.1	No demonstration of previous projects or projects demonstrated are not of AEG/GE SA Plus or similar Switchgear.		0	0
	1.2	Evidence/proof submitted demonstrates <=2 (less than or equal to 2) projects completed with AEG/GE SA Plus LV switchgear or similar switchgear.		10	50
	1.3	Evidence/proof submitted demonstrates >=2 (greater than or equal to 3) projects completed with AEG/GE SA Plus LV switchgear or similar switchgear.		20	100
2.	Bidder technical competence of personnel assigned to the contract. Evidence required: Contractor to submit verifiable documentation of qualification for the lead personnel assigned to the contract.			20	

	2.1.	Bidder provided no proof of qualification.		0	0
	2.2	Proof of qualification provided is National Certificate 5 in electrical engineering or equivalent (NQF Level 5 qualification).		10	50
	2.3	Proof of qualification provided is Diploma in Electrical Engineering or equivalent (NQF Level 6 qualification)		15	75
	2.4	Proof of qualification provided is BEng/BSC Eng / Advanced Diploma / BTech in Electrical or equivalent. (NQF Level 7 qualification)		20	100
3.	Method Statement of refurbishment plans, which includes QC/QCP and tests to be conducted after refurbishment. Minimum requirements: Bidder to provide Method statement, QC/QCP and lists of tests to be conducted after refurbishment.			20	
	3.1	None of the minimum requirement provided.		0	0
	3.2	One of either of the minimum requirement provided.		10	50
	3.3	Any of the two minimum requirements provided.		15	75
	3.4	All three minimum requirements provided.		20	100
4.	Lead time of AEG/GE SA Plus LV switchgears spares at Grootvlei Power station or equivalent spares. - Minimum requirements: Bidder to provide lead time for spares from receipt of order.			20	
	4.1	Lead time > 8 weeks or No lead time provided.		0	0
	4.2	Lead time > 4 weeks but ≤ 8 weeks		10	50
	4.3	Lead time ≤ 4 weeks from receipt of order		20	100
5	General Arrangement of GE SA plus low voltage switchgear, documents shall be OEM-issued or verified.			20	

**Technical Evaluation Strategy for Supply, Delivery and
Service/Repair/Refurbishment of GE SA Plus LV Switchgear
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	The bidder shall provide General Arrangement drawings of the GE SA Plus LV Switchgear including detailed Bill of Materials, component descriptions, drawing numbers and stock numbers (where applicable).				
	5.1	No GA drawing submitted, or No BOM submitted or Information generic and not specific to GE SA Plus or Documentation unrelated to the specified switchgear.		0	0
	5.2	Submission includes General Arrangement drawings of GE SA plus provided but limited details. Or BOM incomplete or lacks descriptions or Drawing numbers missing or none of the stock numbers provided.		15	50
	5.3	Submission includes General Arrangement drawings of GE SA plus, Bill of Materials, Stock numbers provided where applicable, drawing numbers clearly referenced.		20	100
				TOTAL: 100	

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

5. AUTHORISATION

This document has been seen and accepted by:

Designation
Grootvlei Electrical Engineering Manager
Grootvlei Engineering Manager
System Engineer (Electrical Engineering)
System Engineer (Electrical Engineering)
Acting Grootvlei Electrical Maintenance Manager
System Engineer (Electrical Engineering)

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6. REVISIONS

Date	Rev.	Remarks
November 2025	1	Final document for signature
March 2026	2	Qualitative Technical Evaluation Criteria minimum weight threshold changed from 70% to 80%, Motivation for the percentage changed added, TET member 4 added. Qualitative Technical Evaluation Criteria revised. Tender returnable index revised.

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 (Yes/no)
M1	Bidder Commitment Letter Submission, With A Clear Commitment to Maintain the Design Base of GE SA Plus Switchgear	Yes
M2	The workshop shall, at a minimum, include: • Dedicated indoor working area suitable for LV switchgear refurbishment, • Controlled storage for spares and consumables, • The workshop shall be located within a reasonable distance from Grootvlei Power Station, <= 600km.	Yes

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