Eskom	Strategy	Engineering

Title:	**Tender Technical Evaluation Strategy for Refurbishment of Medium Voltage Circuit Breakers on an "as and when" required basis at Kriel Power Station for the period of five years**	Unique Identifier:	**N/A**
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Compiled by	Functional Responsibility	Authorised by
.....	.....	.....
[redacted]	[redacted]	[redacted]
System Engineer	**EPE Manager**	**Engineering Manager**
Date: 09/04/2025	Date: 09/04/2025	Date: 06/05/2025

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TABLES

1. INTRODUCTION

This Tender Technical Evaluation Strategy (TTES) consolidates all the mandatory and qualitative technical tender requirements for Tender Technical Evaluation Strategy for Refurbishment of Medium Voltage Circuit Breakers on an "as and when" required basis at Kriel Power Station for the period of five years.

2. SUPPORTING CLAUSES

2.1 SCOPE

2.1.1 Purpose

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

2.1.2 Applicability

This document is applicable to Kriel 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] ISO 9001 Quality Management Systems.

[2] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

[3] 240-56227573: AC Metal Enclosed (Metal clad) and Control Gear for voltages above 1kV up to 52kV Standard

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
TTET	Tender Technical Evaluation Team

Abbreviation	Description

2.5 ROLES AND RESPONSIBILITIES

As per240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

As per240-48929482: Tender Technical Evaluation Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation. 70% threshold is due to the high risk associated with working with electrical refurbishment.

The evaluation of the tender submission will be based on the tenderer's ability to meet the Engineering requirements. A weighted score card approach will be used to evaluate the tender submission against the specifications and Employer's requirements.

Compliant tenders will be evaluated against a set of weighted qualitative evaluation criteria. The evaluation criteria have been broken down into sections and a percentage weighting for each section is allocated. The Tenderer must ensure that his submission/proposal contains all relevant data/proof to substantiate the *Employer*'s weighted criteria's as populated in Table 4: Qualitative Technical Evaluation Criteria. If no information from the submission file is available per criteria to be evaluated, the weighted score for those particular criteria will result in a zero without further clarification. Only information which is presented, but ambiguous to the evaluators, will be allowed for further clarification.

The scoring method will be as follows:

Table 1: Sub-Scoring Criteria

Multiple of the Criteria Sub Weighting	Definition
5	**COMPLIANT** • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR;

	• Acceptable conditions.
2	**NON-COMPLIANT** • Does not meet technical requirement(s) AND/OR; • Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	**TOTALLY DEFICIENT OR NON-RESPONSIVE**
Note 1: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.	

3.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	[redacted]	System Engineer
TET 2	[redacted]	System Engineer
TET 3	[redacted]	System Engineer

3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Submit proof of registration as an Electrical Contractor	Letter from the department of labour as proof of registration as an electrical contractor in line with the Occupational Health and Safety Act 85 of 1993, Electrical Installation Regulations 6 (4).	Compliance to the OH&S Act 85 of 1993 and the regulations
2.	Tenderers shall provide proof that employees have been trained to conduct maintenance on the ABB Unigear ZS1 and UniFlex Switchgear.	Tenderers to provide training certificates for the engineer/technician, Master Installation Electrician (MIE) and all electrician as proof of competence	Eskom needs assurance that all personnel are competent to conduct maintenance on the listed switchgear
3.	12 months warranty letter of workmanship	Provision of a valid warranty signed by the GM of the company	To ensure quality services to Eskom

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Evaluation Scoring Breakdown			
1.	**Human Resources Requirements**			**30**		0	2	4	5
	1.1	Project Manager: Tenderer has qualified and competed personnel with at least 2 years' experience to execute the works.	CV with SAQA verifiable certified copy of Qualification as proof. Attached signed letter as proof of employment		30	No submission and/or unverifiable qualifications with SAQA	Two (2) years or less of relevant experience post qualification	Three (3) years of relevant experience post qualification	Four (4) years or more years of relevant experience post qualification
	1.2	Pr. Eng ECSA Registered Electrical Engineer or Electrical Technologist ECSA Registered. Tenderer has professional electrical engineer/technologist to carry out the design work, sign off designs			30	No submission and/or unverifiable qualifications with SAQA	Two (2) years or less of relevant experience post qualification	Three (3) years of relevant experience post qualification	Four (4) years or more years of relevant experience post qualification
	1.3	Tenderer has qualified and competent Master Installation Electrician			20	No submission and/or unverifiable	Two (2) years or less of relevant experience	Three (3) years of relevant experience	Four (4) years or more years of relevant experience

						qualifications with SAQA	post qualification	post qualification	post qualification
	1.4	Tenderer has qualified and competent Electrician.			20	submission and/or unverifiable qualifications with SAQA	Two (2) years or less of relevant experience post qualification	Three (3) years of relevant experience post qualification	Four (4) years or more years of relevant experience post qualification
2.	**Quality Requirements**		Eskom Q58 or 240-105658000 Eskom Standard	**20**		0	2	4	5
	2.1	Detailed QCP	Eskom Q58 or 240-105658000 Eskom Standard.		35	No Submission	Submitted with insufficiently detailed QCP and doesn't cover the scope of work. References to procedures or specifications not provided.	Submitted with sufficiently detailed QCP but doesn't cover all the scope of work. Referenced procedures or specifications not sufficiently detailed or not applicable.	Submitted detailed QCPs that covers entire scope of work, and references detailed procedures or specifications for each main activity.
	2.2	ISO 9001: 2015 Certification			65	No Submission	-	Submitted Quality Management System compliant with	Submitted ISO Certificate

								ISO 9001: 2015	
3.	**Method Statement for the installation**			**40**		0	2	4	5
	3.1	Technical proposal for the works as described in the Scope of Works Indicating the following aspects as a minimum: • Scope to be undertaken • Refurbishment/Testing and commission methodology • Proposed investigations/studies • Risks and mitigation	555-EEP2135: Refurbishment of MV Circuit Breakers on an "as and when" required basis at Kriel Power Station for the period of five years		100	No submission	•Submitted methodology with major gaps, and high level without breaking down main activities of the scope of work. • Does not meet technical requirement (s) AND/OR; Unacceptable technical risk(s) AND/OR; •Unacceptable exceptions AND/OR; unacceptable conditions.	•Submitted methodology with Minor omissions. •The methodology is high level and doesn't detail each main activity but aligned with relevant SANS standards. •Meets minimum technical specification and Acceptable technical risks identified.	•Submitted detailed methodology covering entire scope of work. •The methodology for each main activity is detailed and aligned with relevant SANS standards. • No foreseen technical risk(s) in meeting technical requirements.
4.	**Documentation**			**10**		0	2	4	5
	4.1	Tenderer shall provide the list of test equipment and calibration certificates for all test equipment to be used.	Valid test certificates and calibration		100	No submission from tenderer	Tenderer submitted calibration certificates	Tenderer submitted calibration certificates, but it was not	Tenderer submitted detailed calibration certificates for

			certificates of your test equipment as per the tool list in the scope of work.				that were invalid	for all equipment.	all test equipment.
TOTAL:				**100**					

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 2
1.	X	X	X
2.	X	X	X
3.	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 2**
1	X	X	X
1.1	X	X	X
1.2	X	X	X
1.3	X	X	X
1.4	X	X	X
2.	X	X	X
2.1	X	X	X
2.2	X	X	X
3.	X	X	X
3.1	X	X	X
4.	X	X	X
4.1	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Proposed QCP with the critical activities, without acceptance criteria or minor changes required that can be done after contract award.

Table 7: Unacceptable Technical Risks

Risk	Description
1.	No method statements submitted

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**Nil**

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**N/A**

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
[redacted]	Electrical Maintenance Department
[redacted]	Engineering Manager
[redacted]	Electrical Plant Engineering Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
April 2025	1	M. W. Phetha	Initial Document

6. DEVELOPMENT TEAM

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

- [redacted]