

Title: **Tender Technical Evaluation Strategy for the Provision of Electrical Certificate of Compliance (CoC) Services at Kriel Power Station.**

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1. INTRODUCTION

This document outlines the technical evaluation strategy for the tender process concerning the provision of Electrical Certificate of Compliance (CoC) services at Kriel Power Station. The strategy ensures that the selection process is aligned with Eskom's standards, safety regulations, and technical requirements to maintain operational compliance and efficiency during scheduled outages.

2. SUPPORTING CLAUSES

2.1 SCOPE

This evaluation strategy defines the mandatory and qualitative technical evaluation criteria, identifies the Technical Evaluation Team (TET), and establishes responsibilities for assessing tender submissions for the Electrical CoC services at Kriel Power Station.

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.

2.1.2 Applicability

This document applies to the tender process for selecting a qualified service provider for Electrical CoC services at 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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [2] SANS 10142-1: The wiring of premises
- [3] Eskom Plant Safety Regulations (36-681 Rev01)
- [4] Driven Machinery Regulations, 1988
- [5] RSR0001: Kriel SHE Requirements for Contractors
- [6] 559-399818161: Scope of Work for Provision of Electrical Certificate of Compliance Service for Kriel Power Station

2.2.2 Informative

- [7] National Environmental Management Act (Act 107 of 1998)
- [8] ISO 14001: Environmental Management Systems

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2.3 DEFINITIONS

Certificate of Compliance (CoC): A legal document issued by a registered electrician confirming that electrical installations comply with safety standards.

Registered Person: An individual authorized by the Department of Labour to issue CoCs

Task Order: Specific instructions issued by the Service Manager for task execution.

2.3.1 Classification

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

2.4 ABBREVIATIONS

CoC – Certificate of Compliance

SHE – Safety, Health, and Environment

QMS – Quality Management System

TET – Tender Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure for Generation

2.6 PROCESS FOR MONITORING

Evaluation results will be documented and reviewed at regular intervals to ensure compliance with Eskom's procurement policies.

2.7 RELATED/SUPPORTING DOCUMENTS

Refer to Section 2.2 Normative/Informative References

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

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.

A weighted scorecard approach is used to evaluate the technical compliance of the tenders against the specifications.

The evaluation of the tender submission will be based on the tenderer's ability to meet the Engineering requirements.

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The following scoring method to be used will be as follows:

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none"> • Meet technical requirement(s) • No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> • Meet technical requirement(s) • Acceptable technical risk(s) • Acceptable exceptions • Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none"> • Does not meet technical requirement(s) and/or Unacceptable technical risk(s) • Unacceptable exceptions • Unacceptable conditions
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE <ul style="list-style-type: none"> • No response

The evaluation scores will be weighted as follows:

Evaluation score (100%)	
Engineering	100%
Total (100%)	
Overall minimum threshold for qualification (70%)	

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

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	William Masemola	System Engineer
TET 2	Raosetene Mahlaku	System Engineer

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2 define all Mandatory Evaluation Criteria to be used as well as reference to specification and motivation for Criteria use.

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Tenderer shall be a registered Electrical Contractor (ECA or DOL letter)	Provision of ECA certification or letter from department of labour. Certificates copies must be certified at most three (3) months prior to the tender closing date	This will ensure that the contractor is certified to execute the scope of work, and further ensure compliance with OHSA.
2.	Tenderer has qualified and competed Master Installation Electrician (MIE) personnel with at least 2 years' experience to execute the works.	SAQA NQF Level 5 verifiable certified copy of qualification, Wireman's licence issued by the Department of Labour (DoL), CVs & attach signed letter as proof of employment.	This will ensure that qualified and competent personnel is provided to execute the scope of work

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3 define all Qualitative Evaluation Criteria to be used as well as reference to specification and specific weighting / sub weighting.

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Technical Competency		Provision of a tenderer experience and method statement	60	
	1.1	<p>Company experience as an MIE</p> <p>SCORE PERCENTAGE DESCRIPTION</p> <p>5 100 COMPLIANT</p> <p><input type="checkbox"/> Meet technical requirement(s)</p> <p><input type="checkbox"/> No foreseen technical risk(s) in meeting technical requirements.</p> <p><input type="checkbox"/> More than 3 projects submitted.</p> <p>4 80 COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <p><input type="checkbox"/> Meet technical requirement(s)</p> <p><input type="checkbox"/> Acceptable technical risk(s)</p> <p><input type="checkbox"/> Acceptable exceptions</p> <p><input type="checkbox"/> Acceptable conditions</p> <p><input type="checkbox"/> At most 3 projects submitted</p> <p>2 40 NON-COMPLIANT</p> <p><input type="checkbox"/> Does not meet technical requirement(s) and/or Unacceptable technical risk(s)</p>	<p>Proof of experience as an MIE within South Africa. Supporting documentation should include letters referencing contract or order numbers, along with durations and verifiable references.</p> <p>Submission must include:</p> <p><input type="checkbox"/> A completion certificate indicating the period and scope of work (inclusive of the project cost).</p> <p><input type="checkbox"/> A copy of the purchase order and contracts.</p> <p><input type="checkbox"/> A reference letter on the client's official letterhead.</p>		50

		<input type="checkbox"/> Unacceptable exceptions <input type="checkbox"/> Unacceptable conditions <input type="checkbox"/> At most 2-project submitted 0 0 TOTALLY DEFICIENT OR NON-RESPONSIVE <input type="checkbox"/> No response			
	1.2	<p>Method Statement</p> <p>SCORE PERCENTAGE DESCRIPTION</p> <p>5 100 COMPLIANT</p> <input type="checkbox"/> Meet technical requirement(s) <input type="checkbox"/> No foreseen technical risk(s) in meeting technical requirements. <input type="checkbox"/> Comprehensive method statement with a defined sequence <p>4 80 COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <input type="checkbox"/> Meet technical requirement(s) <input type="checkbox"/> Acceptable technical risk(s) <input type="checkbox"/> Acceptable exceptions <input type="checkbox"/> Acceptable conditions <input type="checkbox"/> Generic method statement <p>2 40 NON-COMPLIANT</p> <input type="checkbox"/> Does not meet technical requirement(s) and/or Unacceptable technical risk(s) <input type="checkbox"/> Unacceptable exceptions <input type="checkbox"/> Unacceptable conditions <input type="checkbox"/> Limited method statement with an undefined sequence 0 0 TOTALLY DEFICIENT OR NON-RESPONSIVE	<p>The tenderer must submit a comprehensive method statement for executing the required scope of work.</p>		50

		<input type="checkbox"/> No response			
2.	SHEQ Requirements		Includes risk assessment, Testing & Commissioning procedure and QCP/QIP documentation relevant to the scope of work	40	
	2.1	<p>Risk Assessment</p> <p>SCORE PERCENTAGE DESCRIPTION</p> <p>5 100 COMPLIANT</p> <p><input type="checkbox"/> Meet technical requirement(s)</p> <p><input type="checkbox"/> No foreseen technical risk(s) in meeting technical requirements.</p> <p><input type="checkbox"/> Submission of a comprehensive risk assessment document template</p> <p>4 80 COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <p><input type="checkbox"/> Meet technical requirement(s)</p> <p><input type="checkbox"/> Acceptable technical risk(s)</p> <p><input type="checkbox"/> Acceptable exceptions</p> <p><input type="checkbox"/> Acceptable conditions</p> <p><input type="checkbox"/> Generic risk assessment document template submitted.</p> <p>2 40 NON-COMPLIANT</p> <p><input type="checkbox"/> Does not meet technical requirement(s) and/or Unacceptable technical risk(s)</p> <p><input type="checkbox"/> Unacceptable exceptions</p> <p><input type="checkbox"/> Unacceptable conditions</p>	Provision of A risk assessment document template is required for any electrical work within the contract scope.		40

		<input type="checkbox"/> Limited risk assessment document template submitted. 0 0 TOTALLY DEFICIENT OR NON-RESPONSIVE <input type="checkbox"/> No response			
	2.2	Testing procedure SCORE PERCENTAGE DESCRIPTION 5 100 COMPLIANT <input type="checkbox"/> Meet technical requirement(s) <input type="checkbox"/> No foreseen technical risk(s) in meeting technical requirements. <input type="checkbox"/> Detailed testing procedure submitted. 4 80 COMPLIANT WITH ASSOCIATED QUALIFICATIONS <input type="checkbox"/> Meet technical requirement(s) <input type="checkbox"/> Acceptable technical risk(s) <input type="checkbox"/> Acceptable exceptions <input type="checkbox"/> Acceptable conditions <input type="checkbox"/> Generic testing and commissioning procedure submitted. 2 40 NON-COMPLIANT <input type="checkbox"/> Does not meet technical requirement(s) and/or Unacceptable technical risk(s) <input type="checkbox"/> Unacceptable exceptions <input type="checkbox"/> Unacceptable conditions <input type="checkbox"/> Limited testing and commissioning procedure submitted. 0 0 TOTALLY DEFICIENT OR NON-RESPONSIVE <input type="checkbox"/> No response	Provision of a comprehensive testing procedure contingent on the scope of work.		40

	2.3	<p>QCP/QIP Document</p> <p>SCORE PERCENTAGE DESCRIPTION</p> <p>5 100 COMPLIANT</p> <p><input type="checkbox"/> Meet technical requirement(s)</p> <p><input type="checkbox"/> No foreseen technical risk(s) in meeting technical requirements.</p> <p><input type="checkbox"/> Detailed QCP/QIP document submitted.</p> <p>4 80 COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <p><input type="checkbox"/> Meet technical requirement(s)</p> <p><input type="checkbox"/> Acceptable technical risk(s)</p> <p><input type="checkbox"/> Acceptable exceptions</p> <p><input type="checkbox"/> Acceptable conditions</p> <p><input type="checkbox"/> Generic QCP/QIP document submitted.</p> <p>2 40 NON-COMPLIANT</p> <p><input type="checkbox"/> Does not meet technical requirement(s) and/or Unacceptable technical risk(s)</p> <p><input type="checkbox"/> Unacceptable exceptions</p> <p><input type="checkbox"/> Unacceptable conditions</p> <p><input type="checkbox"/> Limited QCP/QIP document submitted.</p> <p>0 0 TOTALLY DEFICIENT OR NON-RESPONSIVE</p> <p><input type="checkbox"/> No response</p>	<p>A quality control plan (QCP) or quality inspection plan (QIP) template is required for electrical work within the contract scope.</p>		20
				TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4 identify the TET members allocated to review/evaluate each Qualitative criterion (minimum 2 evaluators per criteria / sub-criteria)

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
All mandatory criteria evaluation	X	X
Qualitative Criteria Number	TET 1	TET 2
All qualitative criteria evaluation	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.Minor deviations in reporting format	Can be corrected with minor adjustments

Table 6: Unacceptable Technical Risks

Risk	Description
1. Non-compliance with SANS 10142-1	Safety violation
2.Lack of registration with Dept. of Labour	Legal non-compliance
3. No competency as a MIE	Lack of meeting the gatekeeper requirement as a tenderer (i.e., SAQA NQF Level 5 verifiable certified copy of qualification, Wireman's licence issued by the Department of Labour (DoL), CVs & attach signed letter as proof of employment.)

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1. Slightly delayed report submission	If justified with prior notice

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.Failure to provide CoC post-testing	Non-compliance with legal requirements

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
G. Mthombene	Electrical Engineering Manger
R. Mahlaku	System Engineer
R. Nelwamondo	Engineering Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2025	1	W. Masemola	Authorised draft of the document.
March 2025	0.1	W. Masemola	Draft of the document for review by all stakeholders prior final authorisation.

6. DEVELOPMENT TEAM

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

1. W. Masemola

7. ACKNOWLEDGEMENTS

Special thanks to the Kriel Power Station Engineering and Procurement Teams for their contributions.

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