

	Strategy	Generation Engineering
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Title: **Tender Technical Evaluation Strategy for Drakensberg Control Block Ventilation Refurbishment Project**

Unique Identifier: **31A/4192-M**

Alternative Reference Number: **N/A**

Area of Applicability: **Generation Engineering**

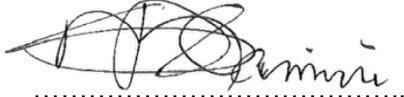

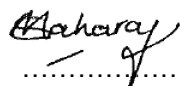
Documentation Type: **Strategy**

Revision: **1**

Total Pages: **13**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
		
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Date: <u>2026/04/22</u>	Date: <u>2026-04-29</u>	Date: <u>2026-05-04</u>

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1. INTRODUCTION

This document describes the criteria which will be used to appoint a contractor that will design, manufacture, supply, install and commission the new Control Block HVAC system at Drakensberg Pumped Storage Scheme.

2. SUPPORTING CLAUSES

2.1 SCOPE

The Tender Technical Evaluation Strategy defines the following criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- The responsibilities of the technical evaluation team members
- Acceptable and Unacceptable Qualifications

Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

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 Generation Peaking, Drakensberg Pumped Storage Scheme 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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [2] 31A/4192-L: Scope of Work for Drakensberg Control Block Ventilation Refurbishment Project
- [3] 32-1034 – Eskom Procurement and Supply Chain Management
- [4] 240-44682850 - Provide Engineering During Project Sourcing

2.2.2 Informative

- [5] N/A

2.3 DEFINITIONS

N/A

2.3.1 Classification

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

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2.4 ABBREVIATIONS

Abbreviation	Description
C&I	Control and Instrumentation
CV	Curriculum Vitae
LDE	Lead Discipline Engineer
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

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

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

Refer to section 2.2.

3. TENDER TECHNICAL EVALUATION STRATEGY

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. 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%.

Table 1: Technical Scoring Methodology

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet the technical requirement(s) AND,• No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet the technical requirement(s) with,• Acceptable technical risks AND/OR• Acceptable exceptions AND/OR• Acceptable conditions
2	40	NON-COMPLIANT

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		<ul style="list-style-type: none">• Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR• Unacceptable exceptions AND/OR• Unacceptable conditions
0	0	TOTALLY DEFICIENT/NON-RESPONSIVE

3.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Abu-Bakir Boltman	C&I System Engineer
TET 2	Sbongiseni Dlamini	A&A Mechanical System Engineer
TET 3	Richard Marr	Chief Engineer (Asset Management)
TET 4	Sithembile Zondo	A&A Electrical System Engineer

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3.3 MANDATORY 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.	The tenderer must have a track record of five completed projects as a minimum, in the construction, commissioning and testing of HVAC systems. In case the tenderer intends to subcontract or form a joint venture, a letter of agreement, together with a track record for all parties involved must be provided. The detailed design (where required) in terms of this Contract is to be executed by a qualified professional for each discipline (Mechanical, Electrical C&I, Civil and Structural) who is a member of Engineering Council of South Africa (ECSA) or equivalent international acknowledgement.	Tender Returnable - Previous similar work experience and key personnel allocated to this project should be documented (Organogram with key staff indicated). This is to ensure that all roles and responsibilities are covered. Resumes of key personnel to be provided.	To minimise rework and receive a quality work

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

The weight for the technical review will be 100 % with a minimum threshold of 70% and will be based on the following:

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Mechanical Works			25	
	1.1	Professionally Registered Mechanical Technologist/ Engineer with a track record of 5 completed projects as a minimum; for design, construction, and commissioning of HVAC systems.	Tender returnable – CV of person with copy of ECSA certificate included. CV must show qualifications, professional registration and relevant experience with contactable (telephone and email) references.		100
2.	Electrical Works			25	
	2.1	Professionally Registered Electrical Technologist/ Engineer with a track record of 5 completed projects as a minimum; for design, construction, and commissioning of Electrical systems.	Tender returnable – CV of person with copy of ECSA certificate included. CV must show qualifications, professional registration and relevant experience with contactable (telephone and email) references.		100
3.	Control and Instrumentation Works			25	
	3.1	Professionally Registered C&I Technologist/Engineer with a track record of 5 completed projects as a minimum; for design, installation, and commissioning of C&I systems	Tender returnable – CV of person with copy of ECSA certificate included. CV must show qualifications, professional registration and relevant		100

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			experience with contactable (telephone and email) references.		
4.	General			25	
	4.1	Technical proposal meeting scope requirement	<p>Technical proposal to include the following as a minimum:</p> <ol style="list-style-type: none"> 1. Understanding of the scope of work as detailed by the Scope of Work (Signed Letter Confirming Understanding of Scope of Work) 2. Proposed approach and methodology which includes approach, methodology, deliverables, and resource plan, however not limited to. 		30
	4.2	<p>Proposed work plan</p> <p>-indicating intent to undertake full scope of work.</p> <p>-activities divided up realistically in schedule</p> <p>-timelines realistic for execution of activity</p>	Tender returnable – (Preliminary Project schedule showing key deliverable dates and Proposed Work plan indicating intent to undertake full scope of work.)		30
	4.3	Lead time to mobilise team to execute the site investigations and design work after contract award.	Tender returnable		20
	4.4	If the Contractor intends to make use of sub-contractors for any part of the works, they must submit a letter of intent signed by both parties. If there is no letter of intent the sub-contractor's experience and expertise will not be considered.	Tender returnable		20
				TOTAL: 100	

The scoring criteria are as follows:

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
1.	Professionally Registered Technologist/Engineer with a track record of 5 completed projects as a minimum.		<p>The design (where required) in terms of this Contract is to be executed by a qualified professional Technologist/Engineer who is a member of Engineering Council of South Africa (ECSA) or equivalent international acknowledgement.</p> <p>5 = Formal BSc/BTech qualification or equivalent international acknowledgement and has 5 or more years working experience.</p> <p>4 = Formal BSc/BTech qualification or equivalent international acknowledgement but has 4 years working experience.</p> <p>2 = Formal BSc/BTech qualification or equivalent international acknowledgement but has 3 years working experience.</p> <p>0 = Has less than 3 years' experience and no formal BSc/BTech qualification or equivalent international acknowledgement.</p>
2.	Technical proposal meeting scope requirement		<p>5 = Excellent response which demonstrates the ability to deliver the service far in excess of minimum requirements.</p> <p>4 = Good response detailing clearly how the service will be delivered.</p> <p>2 = Barely adequate levels of required scope proposal.</p> <p>0 = Less than minimum level of required scope proposal or irrelevant.</p>
3.	Proposed work plan -indicating intent to undertake full scope of work. -activities divided up realistically in schedule -timelines realistic for execution of activity		<p>5 = All three conditions of proposed work plan have been met.</p> <p>4 = Only two conditions of proposed work plan have been met.</p> <p>2 = Only one condition of proposed work plan has been met.</p> <p>0 = None of conditions of proposed work plan have been met.</p>

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Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
4.	Lead time to mobilise team to execute the site investigations and design work after contract award.		5 = 1 week or less. 4 = Between 1 and 2 weeks. 2 = Between 3 and 4 weeks. 0 = More than 4 weeks.

3.5 TET MEMBER RESPONSIBILITIES

Table 5 identify the TET members allocated to review/evaluate each Mandatory and Qualitative criterion.

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1.	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1.1		X	X	
2.1		X		X
3.1	X	X		
4.1	X	X	X	X
4.2	X	X	X	X
4.3	X	X	X	X
4.4	X	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Alternative solutions with the same or better performance.

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Exclusions of scope specified in the employer's requirements
2.	Unclear staff organogram. i.e. the staffing plan is weak not showing clarity in allocation of tasks and responsibilities
3.	Exclusion of a project specific schedule

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions






Risk	Description
1.	Accept deviation with technical qualification.

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Unacceptable deviation without technical qualification.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Richard Marr	Chief Engineer (Mechanical Reviewer)	
Sithembile Zondo	LDE(Electrical)	
Abu-Bakir Boltman	LDE (C&I)	
Kwanele Nkosi	Electrical Maintenance Manager	
Vuyokazi Mlungwana	Project Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
April 2026	0	S. Dlamini	1 st Issue for comments.
April 2026	1	S. Dlamini	Final Revision for signatures.

6. DEVELOPMENT TEAM

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

Sbongiseni Dlamini

Sithembile Zondo

Abu-Bakir Boltman

7. ACKNOWLEDGEMENTS

None

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