

	<b>Strategy</b>	<b>Maintenance</b>
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**Title:** Tender technical evaluation The Provision of maintenance (Preventative & corrective, removal, installation and repairs), continuous operating and monitoring of all heating, ventilation and air conditioning (HVAC) systems (including filter maintenance and pressurizing fans) at Kriel Power Station for a period of five (5) years

Unique Identifier:

Alternative Reference Number: **N/A**

Area of Applicability: **Kriel Power Station**

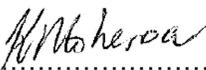
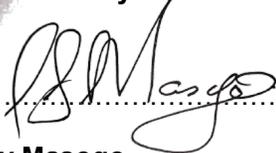
Documentation Type: **Strategy**

Revision: **1**

Total Pages: **12**

Next Review Date: **Not applicable**

Disclosure Classification: **CONTROLLED DISCLOSURE**

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Date: 2023/09/28.....	Date: 05.10.2023.....	Date: 05/10/2023.....

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### CONTROLLED DISCLOSURE

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## 1. INTRODUCTION

This document describes the process to be followed in performing technical evaluations during the tender evaluation for the Provision of maintenance (Preventative & corrective, removal, installation and repairs), continuous operating and monitoring of all heating, ventilation and air conditioning (HVAC) systems (including filter maintenance and pressurizing fans) at Kriel Power Station for a period of five (5) years. The evaluation of tenders will be based on the tenderer's ability to meet both mandatory and qualitative requirements. A weighted score card approach will be used to evaluate the tenders against the *Employer's* requirements.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

This document refers to the Contractor Technical Evaluation and covers the different aspects that will be evaluated and scored by the Technical Evaluation Team (TET) to complete the technical evaluation of the enquiry. The team members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- TET Member Responsibilities
- Acceptable / Unacceptable Qualifications.

Once the Technical Evaluation Strategy is finalised and authorised for issue to market, no changes will be made to the evaluation criteria

#### 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. Mandatory

#### 2.1.2 Applicability

This Technical Evaluation Strategy 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] 240-48929482: Tender Technical Evaluation Procedure

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**2.3 DEFINITIONS**

None

**2.3.1 Classification**

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

**2.4 ABBREVIATIONS**

Abbreviation	Description
HVAC	Heating Ventilation Air-conditioning
TET	Technical Evaluation Team
SARACCA	South African Refrigeration and Air Conditioning Contractors Association
CIDB	Construction Industry Development Board

**2.5 ROLES AND RESPONSIBILITIES**

As per 240-48929482: Tender Technical Evaluation Procedure

**2.6 PROCESS FOR MONITORING**

N/A

**2.7 RELATED/SUPPORTING DOCUMENTS**

Tender Technical Evaluation Scoring Form

**3. TENDER TECHNICAL EVALUATION STRATEGY****3.1 TECHNICAL EVALUATION THRESHOLD**

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	Evah Malofha	Senior Advisor
TET 2	Snethemba Dikolomela	Senior Supervisor
TET 3	Alex Nkadimeng	Senior Technician

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### 3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

**Table 2: Mandatory Technical Evaluation Criteria**

Table 2 defines all Mandatory Evaluation Criteria to be used as well as reference to specification and motivation for use of criteria. These criteria will not be scored. Each tender will be assessed on a YES/NO basis. If any answer below is NO the tenderer may be eliminated from the tendering process.

No	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	The tenderer to have CIDB registration with ME grading 3 or higher	Proof of CIDB registration	Requirement for scope of work – installation of air conditioners
2.	Tenderer to confirm that they have a track record of three (3) completed service and maintenance contracts as a minimum; for Heating and Air Conditioning Systems (HVAC) in Power Station or building services environment	Provide testimonial certificates or completion certificates of at least three (3) HVAC service and maintenance contracts similar to the scope of work.  The testimonial certificates or completion certificates shall consist of the following information:  a) Name of company where project was executed b) Project Description c) Construction period d) Verifiable reference (Contact person)	Previous similar work experience and capacity to perform the required work.
3.	Company registered with South African Refrigeration & Air Conditioning Contractors Association (SARACCA)	Certificate as proof of company registration with SARACCA	Company credibility that they have been in business for more than two consecutive years with audited annual financial statements; understand the requirement of PER, SANS 10147, OSH Act; and have resources which are Authorised Refrigeration Gas Practitioners

### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 3: Qualitative Technical Evaluation Criteria**

Compliant tenderers 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 as populated in **Error! Reference source not found.** . 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.

Score	%	Definition
5	100	<p>COMPLIANT</p> <ul style="list-style-type: none"> <li>• Meet technical requirement(s) AND;</li> <li>• No foreseen technical risk(s) in meeting technical requirements.</li> </ul>
3	50	<p>COMPLIANT WITH ASSOCIATED QUALIFICATIONS AND KNOW HOW OF THE SPARES REQUESTED</p> <p>Meet technical requirement(s) with;</p> <ol style="list-style-type: none"> <li>1. Acceptable technical risk(s) AND/OR;</li> <li>2. Acceptable exceptions AND/OR;</li> <li>3. Acceptable conditions.</li> </ol>

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0	0	<p>NON-COMPLIANT, TOTALLY DEFICIENT OR NON-RESPONSIVE</p> <ul style="list-style-type: none"> <li>• Does not meet technical requirement(s) AND/OR;</li> <li>• Unacceptable technical risk(s) AND/OR;</li> <li>• Unacceptable exceptions AND/OR;</li> <li>• Unacceptable conditions.</li> </ul>
<p>Note 1: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.</p> <p>Note 2: The scoring table does not allow for scoring of 1 and 3</p> <p>Note 3: The minimum weighted final score (threshold) required for a tenderer to be considered from a technical perspective is 70%.</p>		

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)						
<b>1.</b>	<b>Qualifications</b>			<b>70</b>							
	1.1	Artisans to have Trade test in Aircon and Refrigeration, Safety Handling of Gas Certificate and be registered be SARACCA	<table border="1"> <thead> <tr> <th><i>Returnable</i></th> <th><i>Score</i></th> </tr> </thead> <tbody> <tr> <td>5 years related experience, Proof of Trade test, SARACCA registration, and Safety Handling Certificate (Certified Copies)</td> <td style="text-align: center;">40</td> </tr> <tr> <td>No Certificates</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	<i>Returnable</i>	<i>Score</i>	5 years related experience, Proof of Trade test, SARACCA registration, and Safety Handling Certificate (Certified Copies)	40	No Certificates	0		70
<i>Returnable</i>	<i>Score</i>										
5 years related experience, Proof of Trade test, SARACCA registration, and Safety Handling Certificate (Certified Copies)	40										
No Certificates	0										

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	1.2	Site Supervisor /Site Manager to have 7 years working experience, Technical Diploma	<table border="1"> <thead> <tr> <th><b>Returnable</b></th> <th><b>Score</b></th> </tr> </thead> <tbody> <tr> <td>CV and Proof of Diploma (Certified copy)</td> <td>15</td> </tr> <tr> <td>No Certificates</td> <td>0</td> </tr> </tbody> </table>	<b>Returnable</b>	<b>Score</b>	CV and Proof of Diploma (Certified copy)	15	No Certificates	0		
<b>Returnable</b>	<b>Score</b>										
CV and Proof of Diploma (Certified copy)	15										
No Certificates	0										
	1.3	Safety Officer to have Matric Certificate and SAMTRAC	<table border="1"> <thead> <tr> <th><b>Returnable</b></th> <th><b>Score</b></th> </tr> </thead> <tbody> <tr> <td>3 years related experience, Certified copies of Matric and SAMTRAC Certificates</td> <td>15</td> </tr> <tr> <td>No Certificates</td> <td>0</td> </tr> </tbody> </table>	<b>Returnable</b>	<b>Score</b>	3 years related experience, Certified copies of Matric and SAMTRAC Certificates	15	No Certificates	0		
<b>Returnable</b>	<b>Score</b>										
3 years related experience, Certified copies of Matric and SAMTRAC Certificates	15										
No Certificates	0										
<b>2</b>	<b>Quality Management System</b>			<b>10</b>							
	2.1	Submit company quality manual policy or ISO 9001:2015 Certificate	ISO 9001: Certificate or QMS Policy		<b>10</b>						
<b>3</b>	<b>Work experience (projects of similar scope)</b>			<b>20</b>							
	3.1	Technical proposal that meets requirements of project scope	<p>Technical proposal to include the following as a minimum:</p> <p>a) Understanding of the scope of work as detailed by the functional requirements (SoW Documents - MTS0055).</p> <p>Proposed approach and methodology which includes deliverables, and resource plan, however not limited to. Indicate by general service and maintenance</p>		<b>20</b>						

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			<p>approach and method statements how the contractor will perform the work.</p> <table border="1"> <thead> <tr> <th><i><b>Returnable</b></i></th> <th><i><b>Score</b></i></th> </tr> </thead> <tbody> <tr> <td>Technical proposal</td> <td>20</td> </tr> <tr> <td>No purchase orders</td> <td>0</td> </tr> </tbody> </table>	<i><b>Returnable</b></i>	<i><b>Score</b></i>	Technical proposal	20	No purchase orders	0		
<i><b>Returnable</b></i>	<i><b>Score</b></i>										
Technical proposal	20										
No purchase orders	0										
				<b>TOTAL: 100</b>							

**3.1 TET MEMBER RESPONSIBILITIES**

**Table 4: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>
1.	X	X	X
2.	X	X	X
3.	X	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>	<b>TET 3</b>
1.	X	X	X
2.	X	X	X
3.	X	X	X

**3.2 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS**

**3.2.1 Risks**

**Table 5: Acceptable Technical Risks**

Risk	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	

**Table 6: Unacceptable Technical Risks**

Risk	Description
1.	
2.	

**3.2.2 Exceptions / Conditions**

**Table 7: Acceptable Technical Exceptions / Conditions**

Risk	Description
1.	
1.	

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2.	
3.	
4.	
5.	
6.	

**Table 8: Unacceptable Technical Exceptions / Conditions**

<b>Risk</b>	<b>Description</b>
1.	
2.	
3.	
4.	
5.	
6.	
7.	

#### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Kgosi Ntsheroa	Electrical Maintenance Manager	
Solly Masogo	Maintenance Manager (Acting)	

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
September 2023	1	E Malofha	Original document

#### 6. DEVELOPMENT TEAM

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

E Malofha

A Nkadimeng

#### 7. ACKNOWLEDGEMENTS

None

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