

Title: **Kriel Power Station Tender Technical Evaluation Strategy for the Supply and Delivery of Lime and Water Plant Spares on an as and when required basis for a period of 3 Years**

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## **1. INTRODUCTION**

Kriel Power Station utilises lime for hardness removal from its North and South cooling water systems and the Water Treatment Plant for the production of potable, filtered and demineralised water. These systems are required to have a high availability and spares for these plants need to be readily available. A contract for the supply and delivery of lime and water plant spares for a period of three (3) years on an as and when required basis hence needs to be put in place.

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document provides the tender technical evaluation strategy that will be used to evaluate tenderers for the Supply and Delivery of Lime and Water Plant Spares to Kriel Power Station for a Period of three (3) years on an as and when required basis.

#### **2.1.1 Purpose**

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

#### **2.1.2 Applicability**

This document shall apply 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
- [2] 32-1034: Eskom Procurement Policy

#### **2.2.2 Informative**

- [3] 240-166902056 Kriel Power Station Supply and Delivery of Lime and Water Plant Spares for a Period of 3 Years on an as and when required basis

## **2.3 DEFINITIONS**

### **2.3.1 Classification**

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

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## **2.4 ABBREVIATIONS**

<b>Abbreviation</b>	<b>Description</b>
ISO	International Organisation for Standardisation
NEC	New Engineering Contract
QC	Quality Control
TET	Technical Evaluation Team

## **2.5 ROLES AND RESPONSIBILITIES**

As per 240-48929482: Tender Technical Evaluation Procedure

## **2.6 PROCESS FOR MONITORING**

Not applicable.

## **2.7 RELATED/SUPPORTING DOCUMENTS**

Not applicable.

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### **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**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1	Justin Varden	Senior Engineer
TET 2	Jerushan Pillay	Engineer
TET 3	Themba Mashiyane	Senior Supervisor Maintenance

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### **3.3 MANADATORY TECHNICAL EVALUATION CRITERIA**

None.

### **3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA SCORING MATRIX**

**The qualitative criteria will be scored according to the scoring matrix set out in the Tender Engineering Evaluation Procedure [1].**

Table 2 shows the scoring matrix that will be used.

**Table 2: Qualitative Technical Evaluation Criteria Scoring Matrix**

<b>Score</b>	<b>%</b>	<b>Definition</b>
<b>5</b>	<b>100</b>	<b>COMPLIANT</b> <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>
<b>4</b>	<b>80</b>	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> <ul style="list-style-type: none"><li>• Meet technical requirement(s) with;</li><li>• Acceptable technical risk(s) AND/OR;</li><li>• Acceptable exceptions AND/OR;</li><li>• Acceptable conditions.</li></ul>
<b>2</b>	<b>40</b>	<b>NON-COMPLIANT</b> <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>
<b>0</b>	<b>0</b>	<b>TOTALLY DEFICIENT OR NON-RESPONSIVE</b>
<b>Note 1:</b> The scoring table does not allow for scoring of 1 and 3.		

### 3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 3: Qualitative Technical Evaluation Criteria**

		Qualitative Technical Criteria Description							
	TECHNICAL INFORMATION		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Evaluation Scoring Breakdown			
						0	2	4	5
1.	1.1	<p>The tenderer to supply proof of previous spares supply (NEC) contract (with minimum of 3-released task orders within that contract) or minimum of 3 previous awarded purchase orders for spares supply relating to this Scope of Work.</p> <p>The proof required is Task/Purchase Orders, QC documents and Delivery Notes that have all been signed off by both the Supplier and the Client. The document is considered signed when all parties have signed.</p>	NEC document Part 3: Scope of Work, Section 3	50	20	No Information provided or any unsigned documentation provided	One (1) Purchase/Task Order and associated Delivery Notes and QC documents signed by the Supplier and Client is provided.	Two (2) Purchase/Task Orders and associated Delivery Notes and QC documents signed by the Supplier and Client is provided.	Three (3) Purchase/Task Orders and associated Delivery Notes and QC documents signed by the Supplier and Client is provided.



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	1.2	The tenderer to supply the technical brochures and maintenance manuals of all the spares that will be supplied.	NEC document Part 3: Scope of Work, Section 3		30	Nothing provided.	Greater than 50% and less than 80% of both technical brochures and manuals provided	Greater than 80% and less than 100% of both technical brochures and manuals provided	All technical brochures and manuals provided.
2.	Quality Management System		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)		Evaluation Scoring Breakdown		
						0	2	4	5
	2.1	Submit proof of Quality Management System as per ISO9001:2005	NEC document Part 3: Scope of Work, Section 3	5		None	Some information on the Quality Management System is provided.	Company's detailed quality management system is provided.	Tenderers valid ISO Certification is provided.
3.	Assurance Requirements						Evaluation Scoring Breakdown		

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		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	0	2	4	5
3.1	The contractor needs to provide a letter indicating the guarantees that will be supplied for the spares that is provided.	NEC document Part 3: Scope of Work, Section 3	45	12	No guarantee information is provided	Guarantees are offered for a period less than 12 months	Guarantees are offered for a period of 12 months.	Guarantees offered are for periods greater than 12 months
3.2	The contractor needs to provide a letter indicating the warranties that will be supplied for the spares that is provided.	NEC document Part 3: Scope of Work, Section 3		13	No warranty information is provided	Warranties are offered for a period less than 12 months	Warranties offered are offered for a period of 12 months.	Warranties offered are for periods greater than 12 months
3.2	The contractor needs to provide a letter indicating the lead time from valid task order placement to when spares will be delivered on site.	NEC document Part 3: Scope of Work, Section 3		20	No Information Provided	The spares are delivered greater than 28 days after a valid task order.	The spares are delivered on or within 28 days of a valid task order	The spares are delivered within 21 days of a valid task order
		TOTAL = 100%						

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### **3.6 TET MEMBER RESPONSIBILITIES**

**Table 4: TET Member Responsibilities**

<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

### **3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS**

#### **3.7.1 Risks**

**Table 5: Acceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	Two signed Task/Purchase Orders, Deliver Notes and Quality Control documents provided by the tenderer
2.	Not all technical brochures and maintenance manuals are provided
3.	The tenderer has a detailed quality management system in place but is not ISO accredited.

**Table 6: Unacceptable Technical Risks**

<b>Risk</b>	<b>Description</b>
1.	One signed Task/Purchase Order, Deliver Notes and Quality Control documents provided by the tenderer or no information provided or unsigned documentation provided.
2.	No technical brochures, maintenance manuals and spares specifications are provided
3.	The tenderer has no or poorly defined quality management system in place.
4.	No warranties or guarantees are provided.
5.	The tenderers provide the spares outside the required order placement to delivery timeline

#### **3.7.2 Exceptions / Conditions**

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

<b>Risk</b>	<b>Description</b>
1.	None.

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

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Risk	Description
1.	The provision of spares outside the requested technical specifications.

#### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Justin Varden	Senior Engineer	
Jerushan Pillay	Engineer	
Themba Mashiyane	Senior Supervisor Maintenance	

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
October 2021	0.1	J. Varden	First draft
December 2021	1	J. Varden	Final version for signatures
April 2022	0.2	J. Varden	Second Draft to Update Mandatory Criteria
April 2022	2	J. Varden	Final Version for signatures

#### 6. DEVELOPMENT TEAM

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

- Justin Varden
- Themba Mashiyane
- Jerushan Pillay

#### 7. ACKNOWLEDGEMENTS

Not applicable.

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