

	<p style="text-align: center;"><b>Strategy</b></p>	<p style="text-align: center;"><b>Engineering</b></p>
---	--	---

**Title:** Kendal Power Station SHFPF RUL Project - U1 Slip-spacers Supply-and-Deliver Technical Evaluation Strategy

Unique Identifier: -

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**


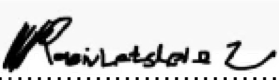
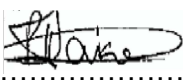
Documentation Type: **Strategy**

Revision: **0**

Total Pages: 8

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
		
<p><b>F. Tshikalange (Pr. Eng)</b> System Engineer</p>	<p><b>T. Rasivhetshele (Pr. Eng)</b> Boiler Engineering Manager</p>	<p><b>P. Takane (Pr. Eng)</b> Engineering Manager</p>
<p>Date: 2025/07/23</p>	<p>Date: 23/07/2025</p>	<p>Date: 13.08.2025</p>

## CONTENTS

	Page
<b>1. INTRODUCTION .....</b>	<b>3</b>
<b>2. SUPPORTING CLAUSES.....</b>	<b>3</b>
2.1 SCOPE .....	3
2.1.1 Purpose .....	3
2.1.2 Applicability.....	3
2.2 NORMATIVE/INFORMATIVE REFERENCES.....	3
2.2.1 Normative .....	3
2.2.2 Informative.....	3
2.3 DEFINITIONS.....	3
2.3.1 Classification .....	3
2.4 ABBREVIATIONS.....	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING .....	4
2.7 RELATED/SUPPORTING DOCUMENTS.....	4
<b>3. TENDER TECHNICAL EVALUATION STRATEGY .....</b>	<b>4</b>
3.1 TECHNICAL EVALUATION THRESHOLD .....	4
<b>3.2 TET MEMBERS.....</b>	<b>4</b>
3.3 MANDATORY TECHNICAL EVALUATION STRATEGY (GATE KEEPERS) .....	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	6
<b>4. AUTHORISATION.....</b>	<b>8</b>
<b>5. REVISIONS .....</b>	<b>8</b>
<b>6. DEVELOPMENT TEAM .....</b>	<b>8</b>
<b>7. ACKNOWLEDGEMENTS .....</b>	<b>8</b>
 <b>LIST OF TABLES</b>	
Table 1: TET Members .....	5
Table 2: Qualitative Technical Evaluation Criteria.....	6
Table 3: TET Member Responsibilities.....	8

### CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

## 1. INTRODUCTION

The pressure parts system function is to convert water from the Boiler Feed Pump to superheated steam at the outlet of the superheater. Heat energy from the combustion chamber is transferred to the tubing through conduction, convection and radiation. The superheated steam is then consequently used to generate electrical energy. Slip-spacers are needed to carry out critical preventative maintenance (SHFPF RUL tube replacement) on this system during the upcoming U1 GO.

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

This document discusses the different technical aspects that will be evaluated and scored by the multi-disciplinary Technical Evaluation Team (TET) for Unit 1–SHFPF RUL Project Slip-spacers Supply-and-Delivery.

The team members who will be involved in the evaluation are listed and appointed in this document along with their responsibilities. This document also describes the acceptable and unacceptable risks and qualifications and/or conditions that will be applicable to the Scope of Work. Once the Technical Evaluation Strategy is authorised, no changes will be made to the evaluation criteria without the appropriate authorisations.

#### 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 Kendal 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] Tender Technical Evaluation Procedure.

### 2.2.2 Informative

[2] ISO 9001 Quality Management Systems.

[3] 474-59: Internal Audit Procedure

[4] EAP 0304-1: Required Operational Capability Report

[5] 32-1034: Eskom Procurement Policy and supply chain management policy

[6] 240-53114002: Engineering Change Management Procedure

## 2.3 DEFINITIONS

### 2.3.1 Classification

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

### **CONTROLLED DISCLOSURE**

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

## 2.4 ABBREVIATIONS

Definition	Description
TET	Technical Evaluation Team
OHS Act	Occupational Health & Safety Act

## 2.5 ROLES AND RESPONSIBILITIES

- *Boiler Engineering Manager:* Kendal Boiler Engineering Manager shall ensure that the respective areas understand and adhere to this procedure
- *Senior Engineer:* The Senior Engineer is responsible to review the technical tender document.
- *Technical Evaluation Team (TET) Member:* The delegated engineers/technical specialists are responsible for review and evaluate technical aspects of the tender documentation Tender TET.

## 2.6 PROCESS FOR MONITORING

The design aspects will be monitored by conducting end of phase design reviews as described in the Eskom design review procedure at assessment completion.

## 2.7 RELATED/SUPPORTING DOCUMENTS

[11] 240-53716746: Tender Technical Evaluation Report

[12] 240-53716712: Tender Technical Evaluation Results Form

[13] 240-53716726: Tender Technical Evaluation Scoring Form

[14] 240-53716769: Tender Technical Evaluation Strategy

## 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 unless set otherwise. 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%.

### 3.2 TET MEMBERS

Table 1 below lists the TET members:

**CONTROLLED DISCLOSURE**

**Table 1: TET Members**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1	Funzeani Tshikalange	System Engineer
TET 2	Thapelo Lesola	System Engineer
TET 3	Siboniso Myeza	Project Manager

**CONTROLLED DISCLOSURE**

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

### 3.3 MANDATORY TECHNICAL EVALUATION STRATEGY (GATE KEEPERS)

N/A

### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

**Table 2: Qualitative Technical Evaluation Criteria**

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	<b>Company Conformance</b>			30	
	1.1	Slip-spacer EN 10204 3.1/3.2 Certificate for one previous similar order. <ul style="list-style-type: none"> <li>EN 10204 3.1/3.2 certificate provided with all relevant information = 5</li> <li>EN 10204 3.1/3.2 certificate provided with minor omissions = 4</li> <li>EN 10204 3.1/3.2 certificate provided but missing key details/partially fulfills requirements = 2</li> <li>Not supplied = 0</li> </ul>	Certificate should contain as a minimum: Chemical composition, mechanical strength, tensile strength, hardness test, NDT's, and heat number.		100
2.	<b>Company/Supplier Experience</b>			45	
	2.1	Provide supplier proof of similar or related casting experience. <ul style="list-style-type: none"> <li>3 or more casting previous orders = 5</li> <li>2 previous casting orders = 4</li> <li>1 previous casting order= 2</li> <li>None responsive = 0</li> </ul>	Tender Returnable		60

	2.2	<p>Delivery upon completion, technical data books shall be supplied containing, provide below for one previous similar order:</p> <p>(a) Quality control plan</p> <ul style="list-style-type: none"> <li>• Quality control plan with relevant holds/witness points provided = 5</li> <li>• Quality control plan with relevant holds/witness points provided with minor omissions = 4</li> <li>• Quality control plan with relevant holds/witness points provided but missing key details = 2</li> <li>• Quality control plan with relevant holds/witness points not provided = 5</li> </ul> <p>(b) Heat treatment charts (austenitizing and tempering) and or detail explanation of the heat treatment processes with ramp rates, quench media, holding times and temperatures</p> <ul style="list-style-type: none"> <li>• Heat treatment process fully outlined=5</li> <li>• Heat treatment process in order but partially outlined=4</li> <li>• Heat treatment process missing key details=2</li> <li>• Heat treatment process not provided=0</li> </ul>	<p>Quality Control Plans to comply with 240-105658000 or any other latest Eskom quality standards</p>		40
<b>3.</b>	<b>Project Planning and Execution Program</b>			<b>25</b>	
	3.1	<p>Delivery program in Gantt chart format showing all timelines from award of order to delivery on site.</p> <ul style="list-style-type: none"> <li>• Delivery of required batch in 1-2 months after award of order = 5</li> <li>• Delivery of required first batch 3 months after award of order = 4</li> <li>• Delivery of required first batch 4 months after award of order = 2</li> <li>• Delivery after 7 months and above = 0</li> </ul>	<p>Tender Returnable</p>		100
			<b>Threshold for technical suitability is 70%</b>		<b>TOTAL: 100</b>

**Table 3: TET Member Responsibilities**

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
-	-	-		
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X		
2	X	X		
3	X	X	X	

**4. AUTHORISATION**

This document has been seen and accepted by:

Name & Surname	Designation
Phindile Takane (Pr. Eng)	Engineering Manager
Tendani Rasivhetshela (Pr. Eng)	Boiler Engineering Manager

**5. REVISIONS**

Date	Rev.	Compiler	Remarks
July 2025	N/A	F Tshikalange	N/A

**6. DEVELOPMENT TEAM**

- Funzeani Tshikalange

**7. ACKNOWLEDGEMENTS**

N/A