Eskom	Strategy	Kusile Power Station

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Compiled by	Supported by	Functional Responsibility	Authorized by
Sibangani Mthimkhulu	**France Mabula**	Pp. **Siyakudumisa Mtsweni**	pp **Sithokozile Hlongwa**
Senior Engineer	**Project Co-ordinator**	**Boiler Engineering Manager**	**Engineering Manager**
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1. Introduction

A technical evaluation is a critical activity performed by engineers / technical specialists in accordance with Eskom Procurement and Supply Chain Management Policy (32-1033) and Eskom Procurement and Supply Management Procedure (32-1034) during the tender process.

The process to be followed in performing technical evaluations during the tender evaluation process must be consistent throughout Eskom Engineering.

This document shall ensure that a consistent, fair, transparent, impartial and auditable process is followed to identify the highest technically ranked tenderer for the Kusile Metallurgical Replicas services contract.

2. Supporting Clauses

2.1 Scope

This document describes the technical evaluation criterion, team members and requirements for Kusile metallurgical replicas tender technical evaluations.

2.1.1 Purpose

The purpose of this document is to provide a consistent approach to: processes and principles to be followed when technically evaluating Metallurgical Replicas services tenders by defining the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for the evaluations. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document shall apply to Kusile 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] 240-44682850: PCM - Provide Engineering During Project Sourcing

[3] 2-1033: Eskom Procurement and Supply Chain Management Policy

[4] 32-1034: Eskom Procurement and Supply Management Procedure

[5] 240-83539994: Standard for Non-Destructive Testing (NDT) on Eskom Plant.

2.2.2 Informative

[6] 474-59: Internal Audit Procedure

[7] ISO 9001: Quality Management Systems

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[8] 240-75114345: Standard for Metallographic Replication Applicable to Turbine and Generator Components (Rev 3)

[9] 240-88542869: Replica Lifting Service Provider Management Standard (Rev 3)

2.3 Definitions

Enquiry: A competitive or non-competitive request for information, interest, quotations or proposals made to a supplier, a group of suppliers or the market at large.

Tender: A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.3.1 Classification

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

2.4 Abbreviations

Abbreviation	Description
TET	Technical Evaluation Team

2.5 Roles And Responsibilities

a) **Engineering Manager**: Is responsible for ensuring that all staff, in their respective areas understand and adhere to this tender technical evaluation strategy.

b) **Plant Engineer**: The engineer is responsible to manage the execution and adherence to the Tender Technical Evaluation procedure and strategy.

c) **Technical Evaluation Team (TET) member**: Is responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy.

2.6 Process For Monitoring

Not Applicable

2.7 Related/Supporting Documents

a) 240-53716746: Tender Technical Evaluation Report Template

b) 240-53716712: Tender Technical Evaluation Results Form Template

c) 240-53716726: Tender Technical Evaluation Scoring Form Template

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d) 240-53716769: Tender Technical Evaluation Strategy Template

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%**. The threshold is set according to Tender Technical Evaluation Procedure (240-48929482).

3.2 Tet Members

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	France Mabula	Project Coordinator
TET 2	George Mthimkhulu	Snr Boiler Engineer
TET 3	Selby Mahumani	System Engineer

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3.3 Mandatory Technical Evaluation Criteria

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 shall not be further evaluated against Qualitative Criteria.

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Qualified Metallurgist	The metallurgist must hold a recognised metallurgical or materials engineering qualification and be professionally registered with ECSA or provide evidence of eligibility for an equivalent recognised professional registration. SAIMM membership may be accepted as supporting evidence of professional affiliation but should not replace the required qualification, relevant replication experience and competence assessment.	All replication samples to be authorised (with signature on the transmittal sheet) by a qualified Metallurgist before submitted to the client.
2.	Portable Optical Microscope	Provide proof of ownership or access in the form of lease agreement / hiring to the tools/equipment you require.	The successful contractor must have the required tools/equipment.

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3.4 Qualitative Technical Evaluation 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.

Table 3: Qualitative Technical Evaluation Criteria

No	Criteria	Criteria description	Weight	Scoring
1.	Bidders to have a valid Eskom replication approval letter.	Submit a valid replication approval letter for the system intending to tender for. • Pipework approval letter for HP pipework and boiler components • Turbine approval letter for turbine and generator components	50%	5 points (100% of 50) for ≥6 months 4 points (80% of 50) for 4 months 2 points (40% of 50) for <4 months 0 points for 0 months or no proof submitted.
2.	Bidder's Relevant Experience in replica lifting on Eskom plant.	Submit proof of signed historic work/orders done within Eskom plants for lifting replicas.	20%	5 points (100% of 20) for 3 orders > 6 months duration 4 points (80% of 20) for 2 orders > 3 months duration 2 points (40% of 20) for 2 orders < 3 months duration 0 points for anything less than above
3.	Bidder's capacity to carry out the scope (number of approved Level 1 technicians)	• Submit a valid replica metallography training certificate, evidence of practical competency assessment and experience, and proof of approval in accordance with Eskom Standard 240-88542869 for each proposed Level 1 technician.	30%	5 points (100% of 30) for 15 Technicians 4 points (80% of 30) for 10 Technicians 2 points (40% of 30) for < 10 Technicians but >5 Technicians 0 points for <5 Technicians
	TOTAL		**100%**	

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3.5 TET Member Responsibilities

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3		
1	X	X	X		
2	X	X	X		
3	X	X	X		
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**		
1.	X	X	X		
2.	X	X	X		
3.	X	X	X		

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3.6 Foreseen Acceptable / Unacceptable Qualifications

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	**Some information is missing, but the information missing is not important**

Table 6: Unacceptable Technical Risks

Risk	Description
1.	**All mandatory requirements not achieved will results in immediately disqualification (no further technical evaluation)**

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**None**

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**Bidders not meeting the mandatory requirements will be automatically disqualified.**

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4. Authorisation

This document has been seen and accepted by:

Name	Designation	Signature
France Mabula	Project Co-ordinator	
Selby Mahumani	System Engineer	
Siyakudumisa Mtsweni	Boiler Engineering Manager	

5. Revisions

Date	Rev.	Compiler	Remarks
October 2026	02	Sibangani Mthimkhulu	Document updated to incorporate suggested changes by PSCM Middle Manager
August 2026	01	Sibangani Mthimkhulu	Original document

6. Development Team

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

a) Sibangani Mthimkhulu
b) France Mabula
c) Selby Mahumani

7. Acknowledgements

Not Applicable

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