

 Eskom	Strategy	Engineering
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Title: **Tender Technical Evaluation Strategy for Mill internal classifier, PF pipes, PF burners, Flopper gates, V-ploughs and Conveyor Chutes, Ash Sluice Ways tiling and Conveyor Chute Repairs**

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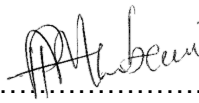
Compiled by



Doctor Masuku
Boiler Engineer

Date: 18/08/2026

Supported by



Pumla Mthombeni
Boiler Engineering Manager

Date: 20/08/2026

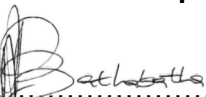
Supported by



Oscar Tilodi
Auxiliary Engineering Manager

Date: 2026/08/26

Functional Responsibility



Mokgoba Shaku
Engineering Manager

Date: 28/08/2026

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1. INTRODUCTION

The Tender Technical Evaluation Strategy has defined the mandatory and qualitative evaluation criteria which serve as a basis for the technical evaluation process. This document covers the different aspects that will be evaluated by the technical evaluation team (TET) to complete the technical evaluation with regard to the tiling of the Mill internal classifier, PF pipes, PF burners, Ash Sluice ways, Flopper Gates and V-ploughs. Tiling and chute repairs on the conveyor chutes at Camden Power Station.

The scope includes, but is not limited to, the following:

- The *Contractor* shall provide a qualified and competent team with all the necessary equipment (including tools and spares) to do tiling of the Mill internal classifiers, PF pipes, PF burners, conveyor chutes, Flopper Gates, V-ploughs and Ash Sluice ways on-site.
- Conveyor Chute repairs.
- The *Contractor* must possess all the necessary equipment to do the tiling from start to completion.
- Call-outs by Camden Boiler/Common Plant Maintenance shall be done telephonically and the Contractor is expected to report to site within three hours for emergency work, otherwise at the time given by the client for all pre-planned work.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document defines the technical evaluation criteria, Technical Evaluation Team (TET) members, and evaluation requirements for the Mill internal classifiers, PF pipes, PF burners, conveyor chutes, Flopper Gates, V-ploughs and Ash Sluice ways tiling at Camden Power Station.

2.1.1 Purpose

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

2.1.2 Applicability

This document applies to Boiler Engineering, Boiler Maintenance, Common Plant Engineering, Common Plant Maintenance and Procurement Departments.

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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] 32 – 1034: Eskom Procurement and Supply Chain Management
- [3] ISO 9001: Quality Management Systems
- [4] 240-106871290: Technical Evaluation Team Member Appointment Letter Template.

2.2.2 Informative

- [5] 240 – 83539994: Standard for Non-Destructive Testing (NDT) on Eskom Plant
- [6] 240 – 56063919: Mill Reducer Gearbox Maintenance Guidelines

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
EDWL	Engineering Design Work Lead
GM	General Manager
ITP	Inspection & Test Plan
LDE	Lead Discipline Engineer
NDT	Non-Destructive Testing
OEM	Original Equipment Manufacturer
QC	Quality Control
QCP	Quality Control Plan
SME	Subject Matter Expert

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Abbreviation	Description
TET	Technical Evaluation Team
TES	Technical Evaluation Strategy

2.5 ROLES AND RESPONSIBILITIES

Engineering Manager: The Engineering Manager shall ensure that all staff in their respective areas understand and adhere to this procedure.

Maintenance Manager: The Maintenance Manager shall ensure that all staff in their respective areas understand and adhere to this procedure.

Technical Evaluation Team (TET) member: The delegated technical representatives/end users/engineers/technical specialists who are responsible for reviewing and evaluating the technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy. The TET members need to comply with the requirements as stipulated in [13] 240-106871290: Technical Evaluation Team Member Appointment Letter Template.

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

- [1] 240-53716746: Tender Technical Evaluation Report Template
- [2] 240-53716712: Tender Technical Evaluation Results Form Template
- [3] 240-53716726: Tender Technical Evaluation Scoring Form Template
- [4] 240-53716769: Tender Technical Evaluation Strategy Template

3. TENDER TECHNICAL EVALUATION STRATEGY

For a tenderer to be considered from a technical perspective, both the mandatory and qualitative requirements in sections 3.1 and 3.2 of the TES need to be met. Tenderers that fail the mandatory portion of the technical evaluation will be considered to have failed the technical evaluation and will not be evaluated qualitatively.

3.1 TECHNICAL EVALUATION MANDATORY

To pass the mandatory technical evaluation, all mandatory criteria requirements listed in Table 2 need to be met. Failure to meet any one of the mandatory requirements will result in the tenderer failing the mandatory portion of the technical evaluation and therefore failing the technical evaluation.

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3.2 TECHNICAL EVALUATION QUALITATIVE THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

3.3 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Raymond Rampedi	Boiler Engineer
TET 2	Doctor Masuku	Boiler Engineer
TET 3	Velaphi Vilakazi	Boiler Senior Engineer
TET 4	Nkosinathi Khumalo	Senior Supervisor Maintenance
TET 5	Amukelani Manganyi	Auxiliary Engineer
TET 6	Davy Mthimunye	Senior Supervisor Maintenance
TET 7	Thobani Mwandla	Auxiliary Senior Engineer

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3.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	ISO 9001 Certification	Submit a certified copy of ISO 9001 certificate.	To ensure compliance with the ceramic-lined pulverised fuel pipework standard (240-56239143).
2.	Proof of supply: Tile with at least 90% alumina content:	Technical data sheet and proof of supply invoice/quotation or letter from supplier confirming they will be supplying the tiles	To ensure compliance with the ceramic-lined pulverised fuel pipework standard (240-56239143).
3.	Proof of supply: Adhesive or grout that can withstand temperatures above 300°C:	Technical data sheet and proof of supply invoice/quotation or letter from supplier confirming they will be supplying the adhesive/grout.	To ensure that the tiles installed will be able to withstand plant conditions.

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Criteria 1: Company Experience			25	
	1.1	The contractor shall demonstrate relevant experience in tiling coal plant, ash plant, mill internals/classifier, PF pipes or PF burners. 0 – No submission or company experience less than 1 yrs 2 - Company experience greater than 1 yrs but less than 2 yrs 4 - Company experience greater than 2 yrs but less than 3 yrs 5 - Company experience greater than 3 yrs NB: For the prospective service provider to get a score as a minimum, the completion certificate(s) shall contain the project description, period, contract value and contact person, and must be signed by both the service provider and the client to whom the service was provided.	Signed completion certificates or contracts must be submitted as proof of experience. As a minimum, the completion certificate shall contain the project description, period, contract value and contact person, and must be signed by both the service provider and the client to whom the service was provided.		100

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2.	Criteria 2: Method Statement			10	
	2.1	Detailed method statement for tiling plant areas listed. Plant areas: 1 – Coal plant 2 - Ash Plant 3 – Mill Internal/Classifiers 4 – PF pipes 5 – PF burners. 0 – No submission or does not address the issued scope of work. 2 – Method statement reiterates scope of work with no high level or comprehensive methodology provided. 4 – Tiling method statement does not contain methodology approach but contains high level descriptions of how works will be conducted. 5 – Tiling method statement details fully how scope will be met and provides comprehensive methodology approach. NB: All the plants listed will be evaluated against the scoring above and the average score will be the score for criteria 2.	Submit a detailed method statement(s)		100

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3		Criteria 3: Quality Control Documentation		25	
3.1		Quality Control Plan (QCP)/Inspection and Test Plan (ITP) from work done in the past with all interventions signed, approved and signed off by all stakeholders. Activities on QCP/ITP 1 – Material to be used (Tile, grout or adhesive) 2 – Surface preparation and inspection 3 – Mixing of grout or adhesive 4 – Acceptable clearances between tiles. 5 – Curing time 0 –QCP/ITP Covers 2 out of 5 activities or not fully signed by all stakeholders. 2 – QCP/ITP Covers 3 out of 5 activities and fully signed by all stakeholders. 4 - QCP/ITP Covers 4 out of 5 activities and fully signed by all stakeholders. 5 - QCP/ITP Covers 5 out of 5 activities and fully signed by all stakeholders.	Quality Control Plan (QCP)/Inspection and Test Plan (ITP) from work done in the past.		100
4		Criteria 4: Critical Skills		40	
4.1		Competent Supervisor		15	
	4.1.1	Supervisor qualifications 0 – No submission or submitted qualification less than N3 technical or not Mechanical. 2- N/A 4 – N3 Qualification (Mechanical) + Tiling certificate 5 - N3 Qualification (Mechanical) + Tiling certificate + Trade certificate (Mechanical)	Submit certified copies of the N3 technical qualification (Mechanical), trade certificate and tiling qualification.		50

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	4.1.2	Supervisor experience: Tiling experience (Industrial) 0 – No submission or experience less than 2 yrs 2 - Tiling exp of 2 to 3 yrs. 4 - Tiling exp of 3 to 4 yrs. 5 - 4yrs+ tiling exp	Submit detailed CV with traceable references.		50
4.2	Competent Tiler			15	
	4.2.1	Tiler qualification and experience 0 – No tiler certificate and experience is less than 2 yrs. 2 – Tiler qualification and 2 to 3 yrs tiling exp. 4 - Tiler qualification and 3 to 4 yrs tiling exp. 5 - Tiler qualification and 4 yrs+ exp.	Submit a certified copy of the tiling qualification and Submit detailed CV with traceable references.		100
4.3	Competent Boiler Maker (Trade Tested)			10	
	4.3.1	Boiler maker qualification and experience 0 – No N3 Boiler maker+ Trade test certificate 2 – N3 Boiler maker+ Trade test certificate + 2 to 3 yrs exp as a boiler maker post trade test. 4 - N3 Boiler maker+ Trade test certificate + 3 to 4 yrs exp as a boiler maker post trade test. 5 - N3 Boiler maker+ Trade test certificate + 4yrs and above exp as a boiler maker post trade test.	Submit certified copies of qualification certificates (N3 – Boiler maker+ trade test certificate as a boiler maker) and CV.		100
Total				100	

NB: Eskom reserves the right to request certified copies of documents.

3.6 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7
1	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7
1	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	
2.	

Table 6: Unacceptable Technical Risks

Risk	Description
1.	
2.	

3.7.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Exception / Condition	Description
1.	
2.	

Table 8: Unacceptable Technical Exceptions / Conditions

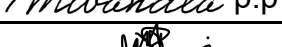
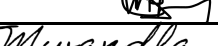
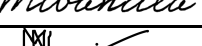
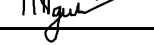
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Exception / Condition	Description
1.	
2.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Velaphi Vilakazi	Boiler Senior Engineer	
Nkosinathi Khumalo	Senior Supervisor Maintenance	
Doctor Masuku	Boiler Engineer	
Raymond Rampedi	Boiler Engineer	
Dumisani Nyathikazi	Boiler Maintenance Manager	
Amukelani Manganyi	Auxiliary Engineer	 T Mwandla p.p
Davy Mthimunye	Senior Supervisor Maintenance	
Thobani Mwandla	Auxiliary Senior Engineer	 T Mwandla
Mthokozisi Ngubeni	Auxiliary Maintenance Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
July 2026	1	D Masuku	First issue
August 2026	2	D Masuku	Updated as per recommendations from IRC meeting 03/08/2026
August 2026	3	D Masuku	Updated as per recommendations from IRC meeting 11/08/2026

6. DEVELOPMENT TEAM

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

Doctor Masuku

Amukelani Manganyi

Thobani Mwandla

7. ACKNOWLEDGEMENTS

None

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