

	Strategy	Grootvlei
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Title: **Tender Technical Evaluation Strategy for Supply of Boiler tubing and auxiliary material at Grootvlei Power Station**

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Area of Applicability: **Grootvlei Power Station**

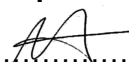
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1. INTRODUCTION

Grootvlei Power Station is a coal fired power station located in Grootvlei, Mpumalanga, South Africa. The station is made up of six units, with three units which are currently in service which is Unit (1-3) and three units which are on cold reserve which is unit (4-6). The three units generate approximately 585 MW to Eskom national grid. The power station's operational functions require a continuous and uninterrupted supply of spares utilized in the primary function of energy production and other related functions.

The station has invited tenderers that will Supply boiler tubing and auxiliary at Eskom Grootvlei. This strategy outlines the requirements that the tenderers must comply with to be considered for carrying out the scope of work.

2. SUPPORTING CLAUSES

2.1 SCOPE

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

Tender Technical Evaluation Strategy is for Supply of Boiler tubing and auxiliary material at Grootvlei Power Station

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the 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 Grootvlei Power Station only.

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] 240-48929482: Tender Technical Evaluation Procedure (Transmission and Distribution)

2.2.2 Informative

- [3] 240-48929482: Tender Technical Evaluation Procedure
- [4] 240-70240749: Strategic and Critical Spares Policy
- [5] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [6] 32-1034: Eskom Procurement and Supply Management Procedure

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2.3 DEFINITIONS

N/A

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
MW	Megawatt
TET	Technical Evaluation Team
PS	Power Station

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure for Generation

OR

240-48929482: Tender Technical Evaluation Procedure for Transmission and Distribution

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

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 80%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1		
TET 4		

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

MANDATORY AND QUALITATIVE CRITERIA FOR BOILER TUBING				
B1: MANDATORY TECHNICAL CRITERIA – BOILER TUBING				
	Mandatory Technical Criteria Description. (Ref: para 3.1.3 in Eskom Standard 240-87733094)	Motivation for use of criteria	Score Criteria	Score
1.	<u>For EN Materials:</u> Provide proof of verifiable valid certificate of conformity by a Third Party/Notified Body (in accordance with EN 764-5 (Clause 4) or AD 2000-Merkblatt W 0), that demonstrates that the material manufacturing plant has been audited and authorised as having a quality assurance system for material manufacture in accordance with PED 97/23/EC or 2014/68/EU (Pressure Equipment Directive), to produce the material grades and dimension ranges tendered for. This certificate should be accompanied by the Appendices containing all material, size ranges and harmonised standards approved. Where CE marking is available, the EU declaration of conformity for each product type (material grades and dimensions) tendered for must be included. It will be mandatory to provide the name, address and contact number of the Third Party/Notified Body that carried out the conformity assessment upon contract award.	To ensure that the manufacturing plant has been audited and complies with the relevant Pressure Equipment Directives for the manufacturing of the required material grades.	Yes / No	
2.	Provide proof of declaration letter of full compliance to Eskom Standard 240-87733094 Rev 3 on all finished products. For all boiler tubing procured in accordance with EN 10216, test category 2 (TC2) of Table 13 (Part 2), Table 15 (Parts 3 & 5) and Table 10 (Part 4) shall apply including all optional tests with the exception of option 5 (Part 2) and option 23 (Part 5). Note: Deviations to the standard must be submitted as concessions (as part of the tender returnables) and agreed on by both parties during tender negotiations.	Compliance to Eskom Standard	Yes / No	

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

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B2: QUALITATIVE TECHNICAL CRITERIA – BOILER TUBING					
	Qualitative Technical Criteria Description. (Ref: para 3.1.2 in Eskom Standard 240-87733094)	Weight %	Sub- weight %	Score Criteria	Score
1.	Details of manufacturing plant / previous history of supply: (Ref: para 3.1.4.1 & 3.1.4.2 in Eskom Standard 240-87733094)	50			
1.1	Provide details of Manufacturing Plant: 1. Formal business name of the manufacturing plant, street and postal address, contact names and telephone numbers of senior plant managers, 2. Organogram of the organisational which includes their roles. 3. Provide proof of the site of manufacturing, inspection, testing equipment and the release of material (e.g pictures and release documents).		25	100% = 3 submission document 80% = 2 40% = 1 Non-responsive = 0	
1.2	Previous History of Supply: A list of material manufactured at the plant similar to scope of work provided (e.g delivery notes/ PO) • Different grade material including boiler auxiliary (i.e skin casing)		25	100% = 3 years or more 80% = 2 40% = 1 Non-responsive = 0	
2.	Steel-making process (Ref: para 3.1.4.3 and 3.1.4.4 in Eskom Standard 240-87733094)	30			
2.1	Provide the method statement which the manufacturing company will use to fabricate the boiler tubing. 1. Material preparation and verification 2. Primary forming process 3. Heat treatment and finishing 4. Quality control and testing		30	100% = all 4 submission documents 80% = 3 40% = 2 Non-responsive = 0	
3.	Chemical composition (Ref: para 3.1.4.5 in Eskom Standard 240-87733094)	20			
	Previous History of Supply: A list of material manufactured at the plant similar to scope of work provided (e.g Material Certification (EN10216-2 (3.2))).		20	100% = 3 years or more 80% = 2 40% = 1	

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	Different grade material including boiler auxiliary (i.e skin casing)			Non-responsive = 0	
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NOTE: THRESHOLD TO SUCCEED THE MANDATORY ALL ITEMS TO BE YES

NOTE: THRESHOLD TO SUCCEED TO THE TECHNICAL EVALUATION IS 70%

Mandatory and Qualitative Evaluation Criteria Scoring Table as captured in the Technical Evaluation Procedure

(%)	DEFINITION
100	COMPLIANT Meet technical requirement(s) AND. No foreseen technical risk(s) in meeting technical requirements.
70% and above	COMPLIANT WITH ASSOCIATED QUALIFICATIONS Meet technical requirement(s) with. Acceptable technical risk(s) AND/OR. Acceptable exceptions AND/OR. Acceptable conditions.
Below 70%	NON-COMPLIANT Does not meet technical requirement(s) AND/OR. Unacceptable technical risk(s) AND/OR. Unacceptable exceptions AND/OR. Unacceptable conditions.
0	TOTALLY DEFICIENT OR NON-RESPONSIVE

3.5 TET MEMBER RESPONSIBILITIES

Table 2: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
N/A				
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X
4	X	X	X	X
5	X	X	X	X
6	X	X	X	X

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3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 3: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 4: Unacceptable Technical Risks

Risk	Description
1.	Tenders that have not supplied boiler tubing historically
2.	No knowledge of various grade and size of boiler tubing

3.6.2 Exceptions / Conditions

Table 5: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	As per the requirements set out under the Qualitative Technical Evaluation Criteria section 3.4 of this document.

Table 6: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviations to any part of the technical schedules without providing alternate solutions.
2.	The bid submission is generic, incomplete, and not tailored to address the specific objectives and scope.

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4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature

5. REVISIONS

Date	Rev.	Compiler	Remarks
May 2026	1		Technical Evaluation Strategy for Tendering

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS

N/A

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