Eskom	Strategy	Majuba Power Station

Title: **Tender Technical Evaluation Strategy for the Supply of Milling Plant Spares at Majuba Power Station**

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Compiled by	Functional Responsibility	Authorized by
E MOOSA		
Ebrahim Moosa	**Lindani Madonsela**	**Johan Swanepoel**
Milling Plant System Engineer	**Boiler Engineering Manager**	**Middle Manager Engineering**
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1. Introduction

The purpose of this document is to outline the scope of work that is required for the Supply of Milling Plant Spares at Majuba Power Station, and the technical evaluation strategy to be followed in acquiring the supply of such spares.

2. Supporting Clauses

2.1 Scope

The scope entails the supply and delivery of Milling Plant Spares to Majuba Power Station. The spares supplied shall adhere to the quality requirements to ensure that the plant operates at industry leading levels of availability, reliability and performance.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define and serve as a basis for the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluations.

2.1.2 Applicability

This document shall apply to Majuba Power Station Milling Plant.

2.1.3 Effective date

This document is effective from the authorisation date.

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 Technical Tender Evaluation Procedure (Rev1)

[2] ISO 9001 Quality Management Systems

[3] 32-1034: Eskom Procurement and Supply Chain Management Procedure

[4] 32-1033: Eskom's Procurement and Supply Chain Management Policy

[5] 474-13515 Mills and Coal Burners Generation Engineering Strategic Report 2025 (Rev 1)

2.2.2 Informative

[1] Insert informative document references here.

2.3 Definitions

Definition	Explanation

2.3.1 Document:

To add more applicable definitions

2.4 Abbreviations

Abbreviation	Explanation
CIDB	Construction Industry Development Board
ISO	International Organization for Standardization
KPA	Key Performance Area
KPI	Key Performance Indicator
OEM	Original Equipment Manufacturer
QCP	Quality Control Plan
TET	Technical Evaluation Team
UCLF	Unplanned Capability Loss Factor

2.5 Roles and Responsibilities

As per 240-168966153: Generation Technical Tender Evaluation Procedure

2.6 Process for Monitoring

The outcome of the evaluation will be documented in the form of a report compiled by the Technical Evaluation team.

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%.

N.B. The deviation from procedure is motivated by the fact that the milling plant is a Level 1 plant area. It is recommended to make the threshold for Level 1 plant 80% due to the risk in plant damages, personnel safety and the high repair cost involved. The milling plant maintenance strategy states that the minimum threshold is 80% and not 70% as stated in the Tender Technical Evaluation Procedure due to the criticality of the plant area.

During the first round of evaluations, in the event that no tenderers meet the 80% threshold but some pass 70%, the findings are to be reviewed, and the minimum threshold shall be reduced to 70% upon agreement of the TET members and commercial representative.

3.2 TET Members

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Ebrahim Moosa	System Engineer: Boiler Engineering
TET 2	Lindani Madonsela	Line Manager: Boiler Engineering
TET 3	Joseph Selialia	Line Manager: Boiler Maintenance
TET 4	Dimakatso Thobejane	Senior Supervisor Technical Maintenance

3.3 Criteria

3.3.1 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.	Quality Management	ISO 9001:2015 Certificate which is active and valid.	Quality management is crucial to ensure the spares supplied meet the quality requirements.
2.	Letter stating the capability to supply all listed spares on the contract.	A signed letter stating all the spares that can be supplied by the tenderer. No exclusions will be accepted.	The tenderer must be capable of supplying all the spares on the contract.

3.3.2 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.	**Technical Product Data Sheets**			**40**	
	1.1	Provide a technical data/specification sheet for each line item on the contract.	Tenderer to provide technical data sheets per line item. Each data sheet must be clearly numbered and linked to the corresponding line item.	0 (0%) Less than 50% of data sheets submitted. 2 (40%) 50-74% of data sheets submitted 4 (80%) 75-99% of data sheets submitted 5 (100%) 100% data sheets submitted	50
	1.2	Specify the brands that will be supplied for each line item.	Provide a clear and concise table listing each item and the brands that will be supplied for the respective items, together with the name of the supplier. The brands will be scrutinised to verify if they meet the technical specifications of the items in line with the stock item description.	0 (0%) Less than 50% of items have a brand clearly listed and the technical specifications meet the specifications in the stock item description. 2 (40%) 50-74% of items have a brand clearly listed and the technical specifications meet the specifications in the stock item description. 4 (80%) 75-99% of items have a brand clearly listed and the technical specifications meet the specifications in the stock item description.	50

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
				5 (100%) 100% of items have a brand clearly listed and the technical specifications meet the specifications in the stock item description.	
2.	**Lead times for delivery of spares**			**20**	
	2.1	Lead times for delivery of spares (order placement to delivery at stores)	Compile a list which is listing the delivery timelines for spares on all the line items on the SOW. A letter from the authorised distributor/OEM confirming the lead times must support the claimed lead times. Where it is impossible for the lead time of 7 days or less to be met it must be clearly stated with acceptable technical reasoning for those items to be exempt from the 7 days or less lead time. This should also include a letter from the authorised distributor/OEM supporting the lead time >8 days. Exempted items will also be exempted from the overall scoring for items with lead times 7 days or less.	0 (0%) No response received 2 (40%) Delivery timelines of 4-6 weeks on 100% of spares on the SOW. 4 (80%) Delivery timelines of 8-21 days on 100% of spares on the SOW. 5 (100%) Delivery timelines of 7 days or less on 100% of spares on the BOM.	100
3.	**Ability to supply spares and Quality management of spares supplied**			**40**	

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	3.1	Previous Experience and Customer Satisfaction.	Provide a summary report of verifiable list of similar spares supplied to Eskom fleet. As a minimum to be included on the report: • Details of spares supplied, • Contract value, • Eskom order number • A letter from the customer confirming an order was delivered on time and meeting the quality requirements. Contact details of client to be included on the letter.	0 (0%) No response received 2 (40%) 4 previous orders of supply & delivery of similar spares through spares contracts. If any of the four minimum points are omitted, the order will not be evaluated. 4 (80%) 8 previous orders of supply & delivery of similar spares through spares contracts. If any of the four minimum points are omitted, the order will not be evaluated. 5 (100%) 10 previous orders of supply & delivery of similar spares through spares contracts. If any of the four minimum points are omitted, the order will not be evaluated.	50
	3.2	Project Execution Plan/Quality control	The tenderer submits a detailed methodology of how they shall: • Supply and deliver order to the specification as per SOW and handle defective materials and premature failures of components • Perform quality verifications	0 (0%) No response received 2 (40%) Does not meet technical requirement(s) or unacceptable technical risks. 4 (80%) Meet technical requirement(s) with minor omissions and acceptable technical risk(s) 5 (100%)- Meet technical requirement(s) & no foreseen technical risk(s) in meeting technical requirements	50

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
			• Provides onsite and offsite material storage procedures as per Equipment manufactures requirements or procedures • Perform safe stock handling and transportation of critical components • Provide technical support to Eskom of delivered components as per SOW in liaising with respective Equipment manufacturers		
				TOTAL: 100	

3.3.3 TET Member Responsibilities

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET3	TET4
1	X	X	X	X
2	X	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET3**	**TET4**
1.1	X	X	X	X
1.2	X	X	X	X
2.1	X	X	X	X
2.2	X	X	X	X
3.1	X	X	X	X
3.2	X	X	X	X
3.3	X	X	X	X

3.4 Foreseen Acceptable/ Unacceptable Qualifications

3.4.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Deviating from standard and specification captured in the scope of work

3.4.2 Exceptions/ Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Full technical explanation provided for spares where a 1 week lead time cannot be met so that the employer can plan orders for those spares accordingly.
2.	During the first round of evaluations, in the event that no tenderers meet the 80% threshold but some pass 70%, the findings are to be reviewed, and the minimum threshold shall be reduced to 70% upon agreement of the TET members and commercial representative.

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description

1.	Delivery of substandard components
2.	Tenderer not supplying all items in the full scope.

4. Acceptance

This document has been seen and accepted by:

Full Name and Surname	Designation
Ebrahim Moosa	Milling Plant System Engineer
Bonginkosi Dlamini	Senior Engineer – Boiler Engineering
Scelo Dlamini	Senior Supervisor Technical Maintenance
Dimakatso Thobejane	Senior Supervisor Technical Maintenance
Thami Mtetwa	Senior Supervisor Technical Maintenance
Joseph Selialia	Boiler Maintenance Line Manager
Lindani Madonsela	Boiler Engineering Line Manager
Johan Swanepoel	Engineering Manager
Hennie Pretorius	Generation Boiler Engineering – Snr Advisor
Lettie Botha	SME – Milling Plant Generation Boiler Engineering

5. Revisions

Date	Rev.	Compiler	Remarks
May 2025	1	Ebrahim Moosa	First issue

6. Development Team

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

- Ebrahim Moosa

7. Acknowledgements

- Lettie Botha