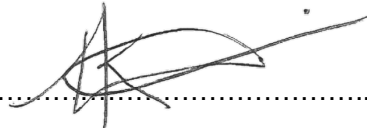
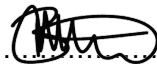
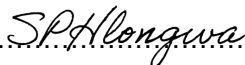


	Strategy	Medupi Power Station
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Title: **Medupi Power Station MPS265
Mill Grinding Roller
Refurbishment Tender
Technical Evaluation Strategy**
 Unique Identifier: **241-2022435**
 Alternative Reference Number:
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DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
		
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Date: <u>2025/05/12</u>	Date: <u>2025/05/12</u>	Date: <u>2025.05.21</u>

CONTENTS	PAGE
1. INTRODUCTION	3
2. SUPPORTING CLAUSES.....	3
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.....	4
2.3 DEFINITIONS.....	4
2.3.1 Classification	4
2.3.2 Tender	4
2.4 ABBREVIATIONS.....	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING.....	4
2.7 RELATED/SUPPORTING DOCUMENTS.....	4
3. TENDER TECHNICAL EVALUATION STRATEGY.....	4
3.1 TECHNICAL EVALUATION THRESHOLD	4
3.2 TET MEMBERS.....	5
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	7
3.5 FACTORY ASSESSMENT TECHNICAL EVALUATION CRITERIA	9
3.6 TET MEMBER RESPONSIBILITIES	12
3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	13
3.7.1 Risks.....	13
3.7.2 Exceptions / Conditions.....	13
4. AUTHORISATION.....	15
5. REVISIONS	15
6. DEVELOPMENT TEAM	15

TABLES

Table 1: TET Members	5
Table 2: Mandatory Technical Evaluation Criteria.....	6
Table 3: Qualitative Technical Evaluation Criteria.....	7
Table 4: Factory Assessment Technical Evaluation Criteria.....	9
Table 5: Qualitative Evaluation Criteria Table	10
Table 6: TET Member Responsibilities.....	12
Table 7: Acceptable Technical Risks.....	13
Table 8: Unacceptable Technical Risks	13
Table 9: Acceptable Technical Exceptions / Conditions.....	13
Table 10: Unacceptable Technical Exceptions / Conditions	14

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1. INTRODUCTION

The technical evaluation strategy is for the refurbishment of the grinding roller yoke assembly of an MPS265 vertical spindle mill.

2. SUPPORTING CLAUSES

2.1 SCOPE

This tender technical evaluation strategy refers to the services required for the refurbishment of grinding roller yoke assembly of MPS265 vertical spindle mill. The evaluation of each tender is conducted by appointed members of a technical evaluation team (TET). The criteria for the technical evaluation as part of this strategy includes:

- a) Mandatory evaluation criteria
- b) Qualitative evaluation criteria
- c) Factory assessment evaluation criteria
- d) TET member responsibilities
- e) Acceptable and unacceptable qualifications

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria, Factory Assessment 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 is intended for, and shall be applicable to, Medupi Power Station. This document is applicable to all relevant stakeholders involved with the technical tender evaluation process for the MPS265 roller yoke assembly.

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] 241-2022234: Medupi Power MPS265 Mill Grinding Roller Refurbishment Scope of Work
- [3] ISO 9001 Quality Management Systems
- [4] 32-1034: Eskom Procurement and Supply Chain Management Procedure
- [5] 32-1033: Eskom's Procurement and Supply Chain Management Policy

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2.2.2 Informative

[6] 240-105658000: Quality Control Plans

2.3 DEFINITIONS

2.3.1 Classification

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

2.3.2 Tender

A tender refers to a written competitive offer, quotation or proposal made by the supplier in a prescribed or stipulated form in response to an invitation to tender/competitive enquire for provision of assets, goods or services and/or the disposal thereof.

2.4 ABBREVIATIONS

Abbreviation	Description
MPS	Mill Pendulum Bowl (translated from Germany to English)
QCP	Quality Control Plan
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

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

OR

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The tender technical evaluation is monitored as part of the Procurement process.

2.7 RELATED/SUPPORTING DOCUMENTS

[7] 240-53716746: Tender Technical Evaluation Report Template

[8] 240-53716712: Tender Technical Evaluation Results Form Template

[9] 240-53716726: Tender Technical Evaluation Scoring Form 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%**. All Eskom Suppliers that pass the Mandatory and the Qualitative (i.e. 70% threshold),

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will be subjected to a factory assessment. The minimum weighted final score (threshold) for the factory assessment is **70%**.

3.2 TET MEMBERS

The TET members are a multi-disciplinary group of people who are appointed to conduct an individual technical evaluation of each tender. The list of TET members are to be reviewed and updated as often as the technical evaluation is required to be conducted. In the event that a TET member is unable to conduct a particular technical evaluation, a proxy of the same stature as that of the TET member must be delegated.

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Siya Kuzwayo	System Engineer: Mills
TET 2	Phuti Mashita	Senior Supervisor: Mills
TET 3	Kenneth Ndumo	System Engineer: Mills
TET 4	Kgabo Choshi	Maintenance Manager: Boiler
TET 5	Bernard Matanda	Senior Advisor: Boiler Engineering

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

The mandatory technical evaluation criteria, also referred to as the Gatekeepers, are the criteria that must be met in order for the tender to be considered for further technical evaluation. If any of the mandatory technical criteria are not met, the tender is immediately disqualified from the technical evaluation, and no further assessment (qualitative) will be done.

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Proof that the company owns a workshop that is able to refurbish the components and that the company will only use the said workshop to provide the tendered components.	Proof of ownership of workshop OR If a building is rented: a letter from the building landlord needs to be submitted indicating that the building used as a workshop for the company that is tendering	To ensure a constant supply of quality components at the most economical cost
2.	Previous experience with regards to the refurbishment and supply of grinding roller yoke assembly in the power plant industry	Similar products supplied to industry: Signed letter required stating specific products refurbished and supplied in industry containing traceable customer feedback, regarding the use and success of the product in industry	To provide a confidence level that the supplier can execute the scope
3.	ISO 9001: Quality management systems	Proof of current ISO 9001 certification	To ensure a constant supply of quality components on time and an auditable quality process
4.	The tenderer possesses a certified quality management system relevant to ISO 3834.	Proof of current ISO 3834 certification	Quality assurance
5.	Sub-contracting scope of work	If critical work (e.g., bearing reclamation) is subcontracted then the names of the sub-contracting companies must be given and the details regarding the	To provide a confidence level that the supplier can execute the scope

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		specific scope that is being subcontracted, this needs to be disclosed/declared in a letter. If no sub-contractors are used for critical work then it must be stated by the supplier in writing	
--	--	---	--

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

The qualitative technical criteria contains main criteria with sub-criteria. Each main criterion has a weighting towards the final technical score calculation. Each sub-criteria has a weighting towards the calculation of the main criterion.

Table 3: Qualitative Technical Evaluation Criteria

NO	Criteria	Weight (%)	Sub-Criteria	Evaluation Guideline Notes and Scores	Sub-Criteria Weighting (%)
1	Transport	10	Suppliers need to submit a list and proof of vehicles that are used for the transportation of goods owned or currently being leased by the company.	0 (0%) If they do not submit; 5 (100%) if Compliant;	100
2	Compliance	20	Eskom standard: Suppliers to submit a complete signed-off databook of a grinding roller yoke refurbishment	0 (0%) Did not submit or not applicable. 5 (100%) if Compliant;	50
			MPI Reports: Suppliers need to submit MPI reports done on the grinding roller yoke assembly refurbishment project	0 (0%) Non-responsive or not applicable. 4 (80%) MPI report submitted 5 (100%) MPI reports submitted that can be traced back to a refurbishment project	50

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Medupi Power Station MPS265 Mill Grinding Roller Refurbishment Tender
Technical Evaluation Strategy

Unique Identifier: **241-2022435**

Revision: **2**

Page: **8 of 15**

3	Refurbishment	30	Supplier to demonstrate in-house design capability (including reverse engineering) on in-situ repairs of iron casts and roller bearings	0 (0%) Non-responsive 5 (100%) Submit CV of Pr Eng with minimum 15 years' experience with repairs/refreshment of mill grinding roller yoke assembly	35
			Machining and CNC capabilities: Suppliers need to submit a letter of intent listing the machining and CNC capabilities	0 (0%) Did not submit or not applicable. 5 (100%) if Compliant;	35
			Measuring equipment: Suppliers need to submit a measuring equipment list, maximum 5 items (including calibration certificates)	0 (0%) Did not submit or not applicable. 5 (100%) if Compliant;	15
			Failure Reports: Supplier to submit a failure report with repair recommendations for a similar mill grinding roller yoke assembly	0 (0%) Non-responsive 4 (80%) Failure report submitted 5 (100%) Failure report with recommendations submitted	15
4	Quality Control	40	Quality Control Plan: Supplier to submit their own QCP proposal for a complex refurbishment item to be supplied.	0 (0%) Did not submit or not applicable. 5 (100%) if Compliant;	20
			Customer Satisfaction Report: Supplier to submit previous client's customer satisfaction reports.	0 (0%) Did not submit 2 (40%) One submitted 4 (80%) One submitted with valid/confirmed client details. 5 (100%) >two submitted with valid/confirmed client details.	20
			Order Management System: Supplier to submit proof of a system being used to track client orders.	0 (0%) Did not submit 2 (40%) Manual Excel inputs 4 (80%) VBA Excel 5 (100%) Purchased and recognised software with up-to-date license.	20
			Order Scheduling System: Supplier to submit proof of a system being used to schedule client orders.	0 (0%) Did not submit 2 (40%) Manual Excel inputs 4 (80%) VBA Excel 5 (100%) Purchased and recognised software with up-to-date license.	10
			Timelines: Supplier to submit proof of previous client orders that includes a traceable order number, original delivery date and actual delivery date.	0 (0%) Did not submit 2 (40%) 3 orders within allowable delivery timeline. 4 (80%) 4 orders within allowable delivery timeline. 5 (100%) 5 orders within allowable delivery timeline.	20

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			Tender Returnable File: Supplier to submit the Mandatory and Qualitative Technical Criteria in the same number sequence as per this document, and each section visibly indexed.	0 (0%) not compliant 5 (100%) Compliant	10
--	--	--	--	--	----

3.5 FACTORY ASSESSMENT TECHNICAL EVALUATION CRITERIA

Table 4: Factory Assessment Technical Evaluation Criteria

NO	Criteria	Weight (%)	Sub-Criteria	Evaluation Guideline Notes and Scores	Sub-Criteria Weighting (%)
1	Testing	20	Pressure Testing & Leak Testing: Supplier to demonstrate that they are able to conduct pressure testing and leak testing of grinding roller bearing chamber	0 (0%) Unable to do testing on site. 5 (100%) If able to test on site.	100
2	Manufacturing	30	Machinery, Welding & Refurbishment: Supplier to demonstrate if they are able to manufacture repair inserts of grinding roller yoke assembly	0 (0%) Unable to manufacture on site. 4 (80%) Subcontracting 80% or more of manufacturing work. 5 (100%) If able to manufacture on site.	100

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3	Workshop/Factory Risk Assessment	50	Calibration of Test Equipment: Supplier to submit proof of calibration management procedure, calibration schedule dates and calibration certificates	0 (0%) Did not submit or not applicable. 5 (100%) if Compliant;	25
			Rigging Equipment Certification: Supplier to submit proof a qualified rigger and that the lifting equipment is certified	0 (0%) Did not submit 5 (100%) if Compliant	25
			Condition of Suppliers Premises: Suppliers to submit proof that equipment is maintained in line with a PM schedule	0 (0%) Did not submit 5 (100%) if Compliant	25
			Power Supply: Supplier to submit proof that they have a backup generator with sufficient capacity to run the workshop	0 (0%) Did not submit 5 (100%) if Compliant	25
			Raw Materials and Consumables: Supplier to submit proof of stable and reliable supply and demonstrate to have enough stock for 2 months	0 (0%) Did not submit 4 (80%) Submitted proof but stock is less than 2 months 5 (100%) if Compliant	25

Table 5: Qualitative Evaluation Criteria Table

Score	(%)	Definition
5	100	COMPLIANT <ul style="list-style-type: none"> Meet technical requirement(s) AND; No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.

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2	40	NON-COMPLIANT <ul style="list-style-type: none">• Does not meet technical requirement(s) AND/OR;• Unacceptable technical risk(s) AND/OR;• Unacceptable exceptions AND/OR;• Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE
<p>Note 1: The scoring table does not allow for scoring of 1 and 3.</p> <p>Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.</p>		

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3.6 TET MEMBER RESPONSIBILITIES

Table 6: TET Member Responsibilities

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

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3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 7: Acceptable Technical Risks

Risk	Description
1.	Supplier tender has not supplied previously to Eskom
2.	

Table 8: Unacceptable Technical Risks

Risk	Description
1.	Product not according to specification
2.	

3.7.2 Exceptions / Conditions

Table 9: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None
2.	

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Table 10: Unacceptable Technical Exceptions / Conditions

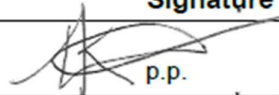

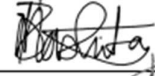

Risk	Description
1.	The tenderer is not ISO 3834 certified
2.	The tenderer is not ISO 9001 certified
3.	

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4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Siya Kuzwayo	System Engineer - Milling Plant and PF Burners	 p.p.
Kenneth Ndumo	System Engineer - Milling Plant and PF Burners	
Phuti Mashita	Snr Supervisor – Mechanical Maintenance	
Kgabo Choshi	Acting Boiler Maintenance Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
April 2023	0	K.N. Ndumo	New Document
May 2023	1	K.N. Ndumo	Development of the criteria for the tender technical evaluation of the grinding rollers
February 2025	2	K.N. Ndumo	Updates to comply with 240-168966153 Generation Tender Technical Evaluation Procedure

6. DEVELOPMENT TEAM

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

- N/A

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