Eskom	Strategy	Medupi Power Station

Title: **Tender Technical Evaluation Strategy for Medupi Power Station Supply and Delivery of Mill Raw Coal Feeder spares**

Unique Identifier:	**241-20221419**
Alternative Reference Number:	**N/A**
Area of Applicability:	**Generation Engineering**
Documentation Type:	**Strategy**
Revision:	**1**
Total Pages:	**16**
Next Review Date:	**2028/10/30**
Disclosure Classification:	**CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
Siya Kuzwayo	PP **Bernard Matanda**	SP Hlongwa **Sithokozile Hlongwa**
Mills and PF Burners System Engineer	**Boiler Engineering Manager (Acting)**	**Group Engineering Manager (Acting)**
Date: 2025/11/13	Date: 2025/11/13	Date: 2025/11/17

CONTENTS

TABLES

1. INTRODUCTION

This document outlines the technical specifications to be employed during the technical evaluation process for the tender of the Medupi Coal Feeder Spares Supply Contract. The contract pertains to the provision of spare parts on an as-needed basis, with a duration of five (5) years.

2. SUPPORTING CLAUSES

2.1 SCOPE

This tender technical evaluation strategy specifies the criteria to be used for the selection of the contractor to supply Medupi with the Milling Plant Raw Coal Feeder spares on an as-and-when-required basis. The spares will include all the mechanical parts from the bunker outlet gate to the feeder downpipe. This will exclude all the instrumentation, electric actuators, electrical equipment and cables. The following criteria will be used for the technical evaluation as part of this strategy:

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 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 Generation Division. This document is applicable to all relevant stakeholders involved with the technical tender evaluation process for the supply and delivery of Mill raw coal feeder spares.

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] 241-20221288 Medupi Power Station Supply and Delivery of Mill Raw Coal Feeder Spares

[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

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).

2.4 ABBREVIATIONS

Abbreviation	Description
MPS	Mill Pendulum Bowl (translated from Germany to English)
QCP	Quality Control Plan
RCF	Raw Coal Feeder
SOW	Scope of Work
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

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

2.6 PROCESS FOR MONITORING

N/A

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

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

2.9 TET MEMBERS

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	Tshepo Sethosa	Maintenance Manager: Boiler

2.10 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.	Proof that the company owns/rents a workshop that can fabricate the components as per the scope of work.	Proof of ownership or rental agreement	To ensure a constant supply of quality components at the most economical cost.
2.	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.
3.	The tenderer possesses a certified quality management system relevant to ISO 3834.	Proof of current ISO 3834 certification	Quality assurance

2.11 QUALITATIVE TECHNICAL EVALUATION CRITERIA

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

Score	(%)	Definition
5	100	**COMPLIANT** • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.
2	40	**NON-COMPLIANT** • 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**
Note 1: The scoring table does not allow for scoring of 1 and 3. **Note 2**: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Delivery and Logistics**			**5%**	
	1.1	The tenderer is to demonstrate the record of meeting the committed delivery targets. .	Provide delivery performance reports or KPIs from the past 12 months, highlighting performance against planned and actual delivery dates. **100% (5) –** *100% on-time delivery* **80% (4) –** *80% to 100% on-time delivery* **0% (0) –** *Less than 80% on-time delivery OR No Submission*		5%
2.	**Relevant Industry Experience**			**10%**	
	2.1 Years of experience in supplying industrial mechanical spares.		The tender must provide company registration documents and a portfolio showing more than 5 years of supplying industrial mechanical spares. **100% (5)** - *More than 5 years of relevant experience* **80% (4) –** *3 to 5 years of relevant experience*		5%

			0% (0) – less than 3 years of relevant experience OR *irrelevant experience* OR *No submission* .		
	2.2 Customer feedback Tenderers are required to submit a minimum of three (3) customer feedback letters from previous or current clients for whom similar mechanical industrial spares have been supplied.		The tenderer is to provide three reference letters from clients where they have supplied similar mechanical spares. **100% (5) –** *3 or more reference letters provided* **80% (4) –** *2 reference letters provided* **40% (2) –** *1 reference letter provided* **0% (0) –** *No reference letter submitted*		5%
3.	**Experience of Similar Work**			**50%**	
	3.1	Proof of coal transition chute fabrication and assembly. The tenderer is to demonstrate experience in the in-house complete fabrication and supply of bulk material handling transition chutes, including precision cutting (plasma or laser), forming, assembly, and wear liner installation.	Submit a databook with a signed-off QCP and method statement demonstrating a complete in-house fabrication process of a bulk material handling chute. **100% (5) –** *A chute databook with signed off QCP and Method statement with in house*		25%

			fabrication activities, including mounting of wear liners **80% (4**) – *A chute databook with signed off QCP and Method statement with in-house fabrication activities, excluding mounting of wear liners* **40% (2**) – *A chute databook, a QCP that is not signed off, including a Method statement with in-house fabrication activities.* **0% (0) –** *A chute databook with signed off QCP and Method statement with fabrication activities, including mounting of wear liners where service is subcontracted.* OR *No submission* OR *Irrelevant Scope*		
	3.2	Feeder Clean-out conveyor Shaft manufacturing Demonstrate the capability of in-house fabrication of a more than 1.5-meter (length) shaft. At least the following activities must be covered: • All phases of CNC machining performed • Surface finishing applied • Support Documentation (i.e. material certificates; heat treatment records where applicable) • Drawings used and/or list of ISO fits and tolerances adopted	Submit a sample datapack with a signed-off QCP and method statement demonstrating a complete in-house fabrication process of a shaft. **100% (5) –** signed off datapack submitted with Signed QCP and a method statement covering all the 4 key points **80% (4) –** *signed off datapack submitted with Signed QCP and a*		25%

			method statement covering 3 out of 4 points **40% (2)** - *signed off datapack submitted with Signed QCP and a method statement covering 2 out of 4 points* **0% (0) –** *Datapack is not signed off* *OR No submission* *OR Irrelevant Scope*		
4.	**Supply of Feeder Spares**			**35%**	
	4.1	Gearboxes The tenderer must demonstrate approval and the ability to supply the original Mill feeder gearboxes as specified in the scope of work.	Provide a letter of authorisation from the OEM or local distributor confirming approval for supplying Mill feeder gearboxes as per the SoW. **100% (5) –** *Compliant* **0% (0) –** *Non-Compliant*		20%
	4.2	Bearings The tenderer must demonstrate approval and the ability to supply the original Mill feeder bearings as specified in the scope of work.	Provide a letter of authorisation from the OEM or local distributor confirming approval for supplying Mill feeder bearings as per the SoW. **100% (5) –** *Compliant* **0% (0) –** *Non-Compliant*		15%
				TOTAL: 100	

2.12 FACTORY ASSESSMENT TECHNICAL EVALUATION CRITERIA

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Quality Controller (QC) personnel**			**15%**	
	1.1	Workshop-based QC personnel Well-experienced in quality with at least 3 years of mechanical work experience; holds a Level II certificate for a Certified Welding Inspector.	Quality Controller CV stipulating technical background and a Certified Welding Inspector certificate. **100% (5) –** *3 years or more Quality Controller and Level II Welding Inspector Certificate* **80% (4) –** *2-3 years Quality Controller and Level II Welding Inspector Certificate* **40% (2) –** *Less than 2 years of Quality Controller and Level II Welding Inspector Certificate* **0% (0) –** *No relevant experience OR No Level II Welding Inspector Certificate*		15%

2.	**Workshop Assessment**			**85%**	
	2.1	Workshop Machinery Suppliers to demonstrate that the correct tools and workshop machinery to execute the tendered scope are available	A. UNIVERSAL MILLING MACHINE 2000MM X 500MM WORK SURFACE 'X' = 1500MM 'Z' = 1420MM B. SAXON CENTRE LATHE 2000MM X 350MM OVER SADDLE DALLION CENTRE LATHE 2000MM X 290MM OVER THE SADDLE C. Z-J HORIZONTAL BORING MILL 130MM SPINDLE: 2000MM X 2000MM WORK SURFACE 'Z' = 1400MM 'X' = 2000MM 'Y' = 1800MM D. BENDING MACHINE METAL PRESSING WITH A BEND OF 2 METRES (MIN), 100 TONS PRESS FORCE (MIN) **100% (5) –** *All four-machinery available* **80% (4) –** *3 out of 4 machinery available*		70%

			40% (2) – 2 *out of 4 machinery available* **0% (0**) – *less than 2 machinery available OR Irrelevant machinery available*		
	2.2	Machinery Maintenance and Calibration Tenderer must demonstrate that the workshop machinery is properly maintained and calibrated, and that it complies with the plan.	Tenderer to submit a maintenance plan, calibration certificates and a sample of previous executed maintenance for workshop machinery. **100% (5**) – *Submitted and Compliant* **80% (4)** – *Submitted with some overdue* **0% (0)** – *non-compliant or not submitted*		15%
				TOTAL: 100	

2.13 TET MEMBER RESPONSIBILITIESTABLE

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
4			
Workshop Criteria Number	**TET 1**	**TET 2**	**TET 3**
1	X	X	X
2	X	X	X

2.14 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.14.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	**Experience in the non-Power station industry.**
2.	

Table 5: Unacceptable Technical Risks

Risk	Description
1.	**Sub-contracting of workshop-related activities (welding, machining etc)**
2.	

2.14.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**None**

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**None**

3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Tshepo Sethosa	Milling Plant Maintenance Manager	
Phuti Mashita	Snr Supervisor – Mechanical Maintenance	

4. REVISIONS

Date	Rev.	Compiler	Remarks
Nov 2025	1	S. Kuzwayo.	First Issue – New Contract

5. DEVELOPMENT TEAM

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

- Tshepo Sethosa
- Phuti Mashita
- Siya Kuzwayo

6. ACKNOWLEDGEMENTS

None