Eskom	Strategy	Engineering

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1. INTRODUCTION

The tender evaluation strategy is developed for the purpose of obtaining a suitable service provider to supply new spares, refurbishment of fan runners at Duvha power station as and when required for a period of 60 months under milling plant Loesche mills unit 5&6.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the technical evaluation criteria to be utilised for the process of evaluating the tender submissions for the Supply of Seal Air Fan new spares and refurbishment of fan runners at Duvha Power Station for Loesche LM26 mills. This contract will be an as and when required for a period of 60 months.

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 is applicable at Duvha Power Station

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] 240-44682850: PCM - Provide Engineering During Project Sourcing

2.2.2 Informative

[3] 32-1033: Eskom Procurement and Supply Chain Management Policy

[4] 32-1034: Eskom Procurement and Supply Management Procedure.

[5] ISO 9001 Quality Management System

[6] ISO 10816 – 3: Mechanical vibrations – Evaluation of machine vibration by measurements on non-rotating parts

[7] ISO 14691- 2003: Industrial fans – Specifications for balance quality and vibration levels

[8] 240-106628253 Standard for Welding Requirements on Eskom Plant

2.3 DEFINITIONS

N/A

2.3.1 Classification

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

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2.4 ABBREVIATIONS

Abbreviation	Description
ISO	International Organization for Standardization
NEC	New Engineering Contract
PCM	Process Control Management
QCP	Quality Control Plan
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

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%.**

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Langelihle Nhlabathi	Milling Plant Engineer
TET 2	Sanny Masombuka	Senior Advisor Milling Plant
TET 3	Simphiwe Nkutha	Milling Plant Supervisor

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3.3 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.	Company/Contractor must be in a position of the ISO 3834-Part 2 accredited	Certified copy of a valid company accreditation	To ensure that all seal air fans welding work is done in accordance with the Eskom standard for welding (240-106628253)

3.4 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.	**Company Profile**		**Capabilities**	**20**	
	1.1	The company must have a minimum of 5 years' experience in centrifugal fans.	Company must submit their previous record knowledge and involvement on the centrifugal fans	10	
	1.2	Company organogram	Define your company staff and their roles within the previous fan project/s with supporting qualification documents	10	
2.	**Repairs and Delivery Plan**		**QM58 Compliance**	**40**	
	2.1	The company must submit a detailed Demo QCP that demonstrates the incorporation of procedure requirements, details of inspection interventions for it own verifications and must include the demonstration of use of inspection specification references and Inspection check-sheets. The detailed QCP must cover all activities from the initial inspections, repairs, shaft dynamic balancing and final inspections (See appendix 1)	QCP must be in line with the scope of work provided by Eskom and in line with QM58 & ISO 10816-3 requirements and must be signed. Additional inputs are encouraged	30	
	2.2	The company must give projected delivery timelines on worst-case repairs. (See appendix 1)	**Signed** Submit confirmation proof committing on the delivery plan for 2 fans (worst-case repairs) 2 – 4 weeks 5 – 7 weeks 8 – 10 weeks	10	

3.	**Spares handling and Deliveries**		**QM58 Compliance**	**20**	
	3.1	Manufacturing of new impeller QCP and lead times projections (See appendix 1)	**Signed** Submit confirmation proof from the supplier committing on the delivery plan for 4 new impellers (subcontracted projections are accepted) 2 – 4 weeks 5 – 7 weeks 8 – 10 weeks		
4.	**Work Experience**		**<Book, paragraph number etc.>**	**20**	
	4.1	Previous orders for supply/manufacturing of new impellers must provide a detailed reference list containing the fan type, fan size, client name, client contact name and contact number (At least three projects/orders) (See appendix 1)	Provide proof of orders for seal air fans supplied with references by the main contractor (Only work Orders with office telephone numbers will be accepted)		
				TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
3.3.1	X	X	X
3.3.2	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**
3.4.1	X	X	X
3.4.2	X	X	X
3.4.3	X	X	X
3.4.4	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	**Delays in spares procured outside the country due to market relations instability**
2.	**Supplier have not supplied Eskom previously but supplied private sector industries**
3.	**Outsourcing some of the activities but not more than 50%**

Table 6: Unacceptable Technical Risks

Risk	Description
1.	**Supplying the product without supporting documents required (Material certificates, NDT reports)**
2.	**No signed QCP's for the repairs and fabrication work**
3.	**Spares out of specifications**
4.	**Poor workmanship**

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	As per the threshold and technical criteria section 3.3 and 3.4

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Not meeting the threshold requirements
2.	Not meeting the mandatory requirements
3.	Supplying false information

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Langelihle Nhlabathi	Milling Plant System Engineer	
Sanny Masombuka	Technical Support Snr Advisor	
Simphiwe Nkutha	Snr Supervisor Milling Plant	
Mzwakhe Simelane	Milling Plant Maintenance Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
January 2026	01	L Nhlabathi	Open market enquiry requirements
October 2026	02	L Nhlabathi	Corrections on the mandatory requirements and qualitative 1.1 fan type

6. DEVELOPMENT TEAM

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

- Simphiwe Nkutha
- Sanny Masombuka

7. ACKNOWLEDGEMENTS

Appendix 1

	Qualitative Criteria Description	5 (100%)	4 (80%)	2 (40%)	0 (0%)
1.1	The company must have a minimum of 5 years refurbishment experience on centrifugal fans.	5yrs exp in the refurb sphere + 5 signed QCP's on the refurbishment of centrifugal fans	3.0 - 4.9 yrs exp in the refurb sphere + 3 or more signed QCP's on the refurbishment of centrifugal fans	Below 3.0 yrs exp in the refurb sphere + 3 signed QCP's on the refurbishment of centrifugal fans	No submission
1.2	Company organogram	1. Supervisor (Mech N4 qualification) 2. Fitter artisan (trade tested) 3. Welder boiler maker (trade tested) 4. Inspector (QC Mech qualification/ QC certificate)	One artisan missing	Two artisans missing or One artisan and a Supervisor missing	No submission
2.1	The company must submit a detailed Demo QCP that demonstrate the incorporation of procedure requirements, details of inspection interventions for it own verifications and must include the demonstration of use of inspection specification references and Inspection check-sheets. The detailed QCP must cover all activities from the initial inspections, repairs, dynamic balancing and final inspections	Detailed QCP as per QM58 guideline inclusive of the attached scope of work (assessment, repairs, testing and final inspections)	QCP as per QM58 guideline and only covering repairs and final inspections or Assessment inspections and repairs only	QCP not as per QM58 and missing some of the inspections	No submission
2.2	The company must give projected delivery timelines on worst-case repairs.	2 - 4 weeks	5 - 7 weeks	8 - 10 weeks	No submission
3.1	Manufacturing of new impeller QCP and lead times projections	2 - 4 weeks	5 - 6 weeks	7 - 8 weeks	No submission
4.1	Previous orders for supply/manufacturing of new impellers must provide a detailed reference list containing the fan type, fan size, client name, client contact name and contact number (At least three projects/orders)	Three or more work orders	Two work orders	One work order	No submission

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