Eskom	STRATEGY	Lethabo Power Station

Title: **Tender Technical Evaluation Strategy for The Manufacture and Supply Conveyor idlers at Lethabo Power Station**

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This document has been approved and authorised by:

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LIST OF TABLES

1. INTRODUCTION

This document outlines the Technical Evaluation Criteria that will be followed during the technical tender evaluations to be undertaken for the manufacture and supply of conveyor idlers at Lethabo Power Station.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this evaluation criteria is only limited to the technical evaluation aspect of the submitted tenders.

2.1.1 Purpose

The purpose of this document is to outline the technical requirements for the evaluation of the tenders for the manufacture and supply of conveyor idlers. It also outlines the scoring method that will be used.

2.1.2 Applicability

This document applies to Lethabo 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

- 240-48929482: Tender Technical Evaluation Procedure
- 240-48197042 Procedure for the Identification and Planning of Plant Asset Obsolescence

2.2.2 Informative

- SANS 1313-1, SANS 1313-2, and SANS 1313-3

2.3 DEFINITIONS

Term	Description
Idlers	cylindrical-shaped roller that run along and underneath a conveyor belt.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

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 70%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Hector Sifunda	Outside Plant Engineer
TET 2	Piet Holtzhausen	Outside Plant Engineer
TET 3	Bongumenzi Mavundla	Coal Plant Technician

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.	Manufacturing certification for conveyor idlers.	SANS 1313 Certificate. -SANS 1313-1 and SANS 1313-3 for troughed belt conveyor idlers. -SANS 1313-1, SANS 1313-2, and SANS 1313-3 for link suspended idlers and fixed-form suspended idlers	To ensure that conveyor idlers are manufactured according to standard.
2.	ISO 9001 Quality management systems	ISO 9001:2015 certificate	To ensure that idlers are in line with the international standard for quality.

Note: SANS certificate must be for the factory that manufactures **CONVEYOR IDLERS** in South Africa.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

The followings scoring system will be used:

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 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.		

3.4.1 Evaluation Criteria

Evaluation criteria for the supply of idlers:

Evaluation criteria		Score
1. Manufacturing process: Copies of QCPs for the following tests a-h **(In a case where the distributor is not the manufacturer of the idlers, a recently signed letter from the OEM stating that the supplier is an authorised agent to be submitted with the OEMs QCPs)**	a) Axial Movement	5%
	b) Peripheral run-out of rolls	5%
	c) Running friction force	5%
	d) Break away mass	5%
	e) Idler dimensions and tolerances	5%
	f) Resistance to pressing out	5%
	g) Resistance to dust ingress	5%
	h) Resistance to water ingress	5%
2. Bearing seals	Description of the bearing sealing technology utilized to prevent dust ingress into bearings	20%

Evaluation criteria		Score
3. Quality assurance	Copy of typical test report as per SANS 1313/3	20%
4. Proof of lead time on delivery from order received to order delivery (**Purchase order and a Signed Delivery Note**).	Lead time > 2 months - Score 0 (0%) Lead time > 1 month - Score 2 (40% of 20%) Lead time > 2 weeks - Score 4 (80% of 20%) Lead time < 2 weeks- Score 5 (100% of 20%)	20%
Total		**100%**
Note: On criteria 4, if both the Purchase order and delivery note are not submitted then the score is 0		

3.5 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
1	X	X	X
Evaluation criteria	TET 1	TET 2	
1	X	X	X
2	X	X	XX
3	X	X	X
4	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	Equivalent products for obsolete material supported by datasheets where applicable.
2.	A supplier does not have to be a manufacturer as long as there is written authorization from the OEM to distribute the idlers and QCPs from the OEM are submitted.

Table 5: Unacceptable Technical Risks

Risk	Description
1.	A supplier who is not a manufacturer of the idlers and does not have authorization from the OEM to supply idlers (Confirmation of authorization must be in writing from the OEM)
2.	Outstanding QCPs

3.6.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	As per the requirements set out under the Qualitative Technical Evaluation Criteria section 3.3 of this document.

Table 7: 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.

4. AUTHORISATIONS

This document has been seen and accepted by:

Name	Designation	Signature
Hector Sifunda	Outside Plant Engineer	
Piet Holtzhausen	Outside Plant Engineer	
Andrew Matlala	Subject matter expert	

5. REVISIONS

Date	Rev.	Compiler	Remarks
2024-10-17	00	Hector Sifunda	First Issue
2025/03/10	01	Hector Sifunda	Second Issue

6. DEVELOPMENT TEAM

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

- Hector Sifunda
- Piet Holtzhausen

7. ACKNOWLEDGEMENTS

- TET members
- SME