Eskom	Strategy	Engineering

Title:	**Tender Technical Evaluation Strategy for the supply of Inching Gearboxes and Drum**	Unique Identifier:	**15ENG GEN-2508**
		Alternative Reference Number:	**N/A**
		Area of Applicability:	**Generation Engineering**
		Documentation Type:	**Strategy**
		Revision:	**3**
		Total Pages:	**12**
		Next Review Date:	**N/A**
		Disclosure Classification:	**CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
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Date: 2025/07/01	Date: 2025/07/02	Date: 08/07/2025

CONTENTS

TABLES

1. INTRODUCTION

This document establishes the technical evaluation strategy for the evaluation of suppliers that will be tendering in response to request to supply inching gearbox spares at Tutuka Power station. This technical evaluation strategy includes a detailed scope of works, mandatory and qualitative technical evaluation criteria. Technical evaluation criteria list all the key aspects that will be used to adequately assess submitted returnables in order to find a suitable supplier to render the services required. Furthermore, it will ensure transparency in the evaluation process as per the requirements set out in the Generation Tender Engineering Evaluation Procedure (240-168966153) [1].

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope is for the supply and delivery of inching gearbox spares at Tutuka Power Station.

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 applies to Tutuka 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] 240-106628253: Standard for Welding Requirements on Eskom Plant

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

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

[5] 240-53114186: Document and Records Management

[6] 240-53665024: Engineering Quality Manual

[7] ISO 9001: Quality Management Systems.

2.2.2 Informative

[1] SANS 10108: The classification of hazardous locations and the selection of apparatus for use in such locations

[2] OHSA: Occupational Health and Safety Act 85 of 1983

[3] 15 ENG 0903: Tutuka Power Station Outage Philosophy

[4] Occupational Health and Safety Act, 1993 (No 85 of 1993): OHS Act, Regulation and code

[5] QM58: Eskom's Quality Requirements

2.3 DEFINITIONS

None

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
ISO	International Standards Organization
OEM	Original Equipment Manufacturer
OHS	Occupational Health and Safety
SA	South Africa
SANS	South African National Standards
TET	Technical Evaluation Team
WPS	Welding Procedure Specification

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

240-168966153: Generation Tender Technical Evaluation Procedure.

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	P Chauke	Senior Engineer Boiler Plant
TET 2	Henry Hlatshwayo	Engineer Boiler Plant
TET 3	Blikkies Blignaut	Senior Supervisor
TET 4	Jaco Potgieter	Principal Artisan

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.	N/A	N/A	N/A

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.	Proof that the supplier or agent is in the business of designing/ manufacturing/ refurbishing gearboxes with own workshop and tools to execute the work. Proof to include:		Returnable: One letter signed by Senior Manager covering the following:	**30**	
	1.1	List of 4 verifiable work on gearboxes (this can include design reports showing capability) that was completed in the past 5 years.	• 100% (5): List of 4 verifiable work on gearboxes • 80% (4): List of 3 verifiable work on gearboxes • 100% (2): List of 1 to 2 verifiable work on gearboxes • 0% (0): No submission		**40**
	1.2	Proof that the supplier has their own workshop (letter/lease agreement).	• 100% (5): Proof that supplier has own workshop or lease agreement • 0% (0): No submission		**30**
	1.3	Proof that the supplier has the necessary tools to carry out the work.	• 100% (5): Proof that supplier has tools to carry out the work • 0% (0): No submission		**30**
2.	Proof or verifiable reference list of 5 previous gearbox supply/refurbishment orders completed within Eskom and/or mining industry/or other heavy construction industries within the last 5 years.		Returnable: Provide a list of previous gearbox purchase orders/contracts completed by the company/supplier within the last 5 years. Include contact details (contact person and contact number for each order/contract). • 100% (5): List with 5 or more purchase orders for gearboxes in the last 5 years • 80% (4) List with 3 to 4 purchase orders for Gearboxes in the last 5 years • 40% (2) List with 1 to 2 purchase order for Gearboxes in the last 5 years	**30**	

		• 0% (0): No submission		
3.	Provide lead times for gearbox delivery. This should include a breakdown of activities (with durations) to be carried out from the time an order is placed.	Returnable: Provide an approved delivery schedule indicating expected lead times for the 5 years contract period. • 100% (5): Lead time ≤ 12 weeks with a schedule of activities • 80% (4): Lead time > 12 weeks & ≤ 18 weeks with a schedule of activities • 40% (2): Lead time > 18 weeks & ≤ 24 weeks with a schedule of activities • 0% (0): Lead time > 24 or no lead time provided	**20**	
4.	Provide sample data sheet or data book/technical specification of a gearbox. This is to include fabrication/casting and testing (vibration and temperature test certificates, material and heat treatment certificates, etc) method statement to be performed on the inching gearbox.	Returnable: Sample data sheet/technical specification of a gearbox. • 100% (5): Data sheet or data book with material, heat treatment, temperature, vibration certificates etc • 80% (4): Data sheet or data book with three (3) items (material, heat treatment, temperature, vibration certificates etc) • 40% (2): Data sheet or data book with one (1) or two (2) items (material, heat treatment, temperature, vibration certificates etc) • 0% (0): No data sheet or data book	**20**	
			TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**
N/A	N/A	N/A	N/A	N/A
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X
4	X	X	X	X

Any member(s) with a direct conflict of interest with any supplier when tender returnable documents received for technical evaluation will be immediately removed from the Technical evaluation team. The member(s) will not participate in the technical evaluation any further. It will be indicated on the assessment sheet and supported with the declaration of interest form.

Replacement of Technical evaluation members can be done in formal appointment letters and issued with signature of appointment by some person and/or person in his/her position as the initial appointment letters. Reason for replacing a member must be clearly stated on appointment. If it is an acting person, an acting letter must be accompanied by appointment letter.

Changes to TET members will be done as an amendment of this strategy and will not require revision of it.

Technical desktop evaluation will require minimum of 2 members to perform the evaluation.

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	List with less than 3 of work done on gearboxes in the last 5 years
2.	≥3 references
3.	≤18 weeks lead time
4.	3 of the documents/certificates

Table 6: Unacceptable Technical Risks

Risk	Description
1.	List with less than 3 of work done on gearboxes in the last 5 years
2.	None
3.	>24 weeks lead time
4.	0 of the documents/certificates

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A
2.	N/A
3.	N/A
4.	N/A
5.	N/A

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A
2.	N/A
3.	N/A
4.	N/A
5.	N/A

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Jaco Potgieter	Principal Artisan
Pieter van Biljon	Senior Technician
Lettie Botha	Chief Engineer – Milling Plant SME

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2022	0	T Moodley	Document creation
February 2023	1	L Mahlangu	Final Document
September 2024	2	A Manganyi	Addition of Mandatory criteria
June 2025	3	P Chauke	Removed method statement

6. DEVELOPMENT TEAM

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

- Jaco Potgieter
- Pieter van Biljon
- Lettie Botha

7. ACKNOWLEDGEMENTS

- T Moodley
- A Manganyi