

Title: **Tender Technical Evaluation
Strategy for Milling Plant Large
Grid Couplings Spares Supply**

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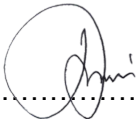
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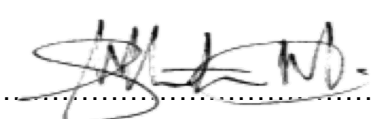
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1. INTRODUCTION

This document establishes the technical evaluation strategy for assessing suppliers that will be tendering in response to the request for the supply of milling plant large coupling spares (couplings equivalent to sizes 1140T10 and 1200T10) at Tutuka Power Station.

The strategy outlines the detailed scope of works and supply, as well as the mandatory and qualitative technical evaluation criteria. The technical evaluation criteria specify all key aspects that will be used to adequately assess the submitted returnable documents in order to identify a suitable supplier to render the required services.

Furthermore, this strategy ensures transparency and consistency in the evaluation process, in line with 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 milling plant large coupling (Falk) 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

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[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

Large coupling in this document refers to Falk coupling size 1140T and above.

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%.

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3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Lubabalo Tyatyeka	Engineer Boiler Plant
TET 2	Jaco Potgieter	Principal Artisan
TET 3	Henry Hlatshwayo	Engineer Boiler Plant

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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
	None		

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 has his own workshop/warehouse/storage space (owned or leased) or has an agreement with another supplier with own workshop/warehouse/storage with necessary lifting equipment to move/transport spares.	<p>Returnable: Provide a letter/lease agreement confirming that the supplier has his own workshop/warehouse/storage space including the size of the covered space and basic lifting equipment (lifting equipment certificates to be part of submission).</p> <ul style="list-style-type: none"> 100% (5): Confirmation of own workshop/warehouse/ storage space or agreement with another supplier with basic lifting equipment with valid certificates 80% (4): Confirmation of own workshop/warehouse/ storage space or agreement with another supplier with lifting equipment with invalid certificates 40% (2): Confirmation of own workshop/warehouse/ storage space or agreement with another supplier without lifting equipment 0 % (0): No confirmation 	20	-
2.	Provide a verifiable list of previous supply orders for large grid-type couplings equivalent to 1140T10 or 1200T10, completed within Eskom and/or the mining or heavy construction industries during the last 5 years.	<p>Returnable: Provide a verifiable list of prior supply orders or contracts for large grid-type couplings equivalent to 1140T or 1200T10, completed by the supplier within the last 5 years. For each entry include a</p>	25	-

		<p>contact person, order number and direct contact number who can confirm the delivery and scope.</p> <ul style="list-style-type: none"> • 100% (5) List with 4 or more of purchase orders for large couplings (grid type) in the last 5 years • 80% (4) List with 3 purchase orders for large couplings (grid type) in the last 5 years • 40% (2) List with 2 or less purchase orders for large couplings (grid type) in the last 5 years • 0% (0): No list 		
3.	<p>The supplier shall provide verifiable proof that it is either the original manufacturer of large grid-type couplings equivalent to 1140T10 or 1200T10, or an authorized distributor/supplier officially appointed by the manufacturer.</p> <p>NB: All letters must be verifiable and authentic; any letters that cannot be confirmed or are found to be invalid will not be evaluated, and the supplier will be awarded 0% for this criterion.</p>	<p>Returnable: Provide a letter that the supplier is a manufacturer or an authorized distributor/supplier of the large couplings (grid type).</p> <ul style="list-style-type: none"> • 100% (5): Confirmation of being manufacturer or an authorized distributor/supplier of the large couplings (grid type) • 80% (4): Confirmation of being manufacturer or an authorized distributor/supplier of the large couplings (grid type) letter expired but in the process of renewing/acquiring letter. • 40% (2): Confirmation of being in the process of acquiring authorized distributor/supplier letter from the manufacturer of the large couplings (different brand) 	20	-

		<ul style="list-style-type: none"> 0% (0): No confirmation of being manufacturer or an authorized distributor/supplier of the large couplings (grid type) 		
4.	Provide a list of the expected lead times for all the listed the large couplings in the scope.	<p>Returnable: The supplier shall provide a signed letter from an authorized representative committing to the overall lead time for the supply of the required items. The letter must state a single lead time applicable to the entire scope of supply, rather than separate lead times for individual items on the list, and must be signed by a person authorized to make commitments on behalf of the supplier.</p> <ul style="list-style-type: none"> 100% (5): Lead time \leq 16 weeks 80% (4): Lead time $>$ 16 weeks & \leq 24 weeks 40% (2): Lead time $>$ 24 weeks 0% (0): No lead time given 	15	-
5.	<p>Provide a data sheet or data book for couplings equivalent to 1140T10 or 1200T10. The submission must include, at a minimum, the following information:</p> <ol style="list-style-type: none"> Hub dimensions (diameter and width) Material of all components Torque rating Balancing certificate Any other relevant technical specifications <p>Note: All required information in the data book must be clearly marked for easy reference. Unmarked data books will not be considered for evaluation.</p>	<p>Returnable: Data sheet or data book of a large coupling (grid type).</p> <ul style="list-style-type: none"> 100% (5): Data sheet or data book with 4 or more items (hub dimensions, material of all components, torque rating, balancing certificate, or any other relevant technical specifications) 80% (4): Data sheet or data book with three (3) items (hub dimensions, material of all components, torque rating, balancing certificate, or any other relevant technical specifications) 	20	-

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		<ul style="list-style-type: none">• 40% (2): Data sheet or data book with two (2) items (hub dimensions, material of all components, torque rating, balancing certificate, or any other relevant technical specifications)• 0% (0): No data sheet or data book		
			TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

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

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 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.	Storage space/warehouse with basic lifting equipment with invalid certificates
2.	≥2 references
3.	If supplier is in the process of acquiring the authorized supplier/distributor letter from the manufacturer (Falk)
4.	< 24 weeks lead times
5.	3 of the requested documents/certificates

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Storage space/warehouse details supplied but no lifting equipment or storage space not covered/sheltered.
2.	≤ 2 references
3.	If supplier previously had the authorized supplier/distributor letter from the manufacturer but has lapsed/expired.
4.	> 24 weeks lead times
5.	1 of the 3 requested 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	Signature
Blikkies Blignaut	Senior Supervisor	
Jaco Potgieter	Principal Artisan	
Pieter van Biljon	Senior Technician	
Thato Mashaba	Engineer Boiler Plant	
Sello Kgantsi	Manager Maintenance Boiler	
Lubabalo Tyatyeka	Engineer Boiler Plant	

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2022	0.1	T Moodley	Document creation
January 2023	1	P Chauke	Completed document
April 2025	2	P Chauke	Changed the TET
September 2025	3	L Tyatyeka	Changed the Technical Evaluation Criteria

6. DEVELOPMENT TEAM

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

T Moodley

P Chauke

7. ACKNOWLEDGEMENTS

None.

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