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File Name: Tender Technical Evaluation Strategy for Supply and deliver of Electrical Switchgear Fuses Spares

CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose	3
2.1.2 Applicability	4
2.2 NORMATIVE/INFORMATIVE REFERENCES	4
2.2.1 Normative	4
2.2.2 Informative	4
2.3 DEFINITIONS	4
2.3.1 Classification	4
2.3.2 Enquiry	4
2.3.3 Tender	4
2.4 ABBREVIATIONS	4
2.5 ROLES AND RESPONSIBILITIES	5
2.6 PROCESS FOR MONITORING	5
2.7 RELATED/SUPPORTING DOCUMENTS	5
3. TENDER TECHNICAL EVALUATION STRATEGY	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TET MEMBERS	5
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	7
1. ACCEPTABLE TECHNICAL RISK(S) AND/OR;	7
3.1 TET MEMBER RESPONSIBILITIES	10
3.2 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	11
3.2.1 Risks	11
3.2.2 Exceptions / Conditions	11
4. AUTHORISATION	12
5. REVISIONS	12
6. DEVELOPMENT TEAM	12
7. ACKNOWLEDGEMENTS	12

TABLES

Table 1: TET Members	5
Table 2: Mandatory Technical Evaluation Criteria	6
Table 3: Qualitative Evaluation Criteria Scoring Table	7
Table 4: Qualitative Technical Evaluation Criteria	8
Table 5: TET Member Responsibilities	10
Table 6: Acceptable Technical Risks	11
Table 7: Unacceptable Technical Risks	11
Table 8: Acceptable Technical Exceptions / Conditions	11
Table 9: Unacceptable Technical Exceptions / Conditions	11

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1. INTRODUCTION

Tutuka Power Station MV&LV Units and Common Plant Switchgear operate using fuses for protection against overcurrent where the current in a circuit exceeds the normal operating current. The fuses used at the station are of different brands and keep the plant running. The switchgear fuses also provide protection to critical systems which are necessary for maintaining continuous operation of the Station.

This 5-year supply and deliver of Electrical Switchgear Fuses will address the issue of unavailability of fuse spares at Tutuka power station stores. This will also assist operating département on have enough fuses to ensure that the plant is brought back into service in time.

This document will outline the Technical Evaluation Strategy for the procurement of spare components for Outside plant electrical plant system.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document refers to the Technical Evaluation for supplying of electrical spares for MV&LV Switchgear and covers the different aspects that will be evaluated and scored by the multi-disciplinary Technical Evaluation Team (TET) to complete the technical evaluation of the enquiry. The team members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- TET Member Responsibilities
- Acceptable / Unacceptable Qualifications.

Once the Technical Evaluation Strategy is finalised and authorised for issue to market, no changes will be made to the evaluation criteria.

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. The criteria for strategy are aimed at answering the following questions for each tenderer:

- Capacity – Does the supplier have the bandwidth to deliver?
- Competency – Is the supplier diligent and can complete the task in each period?
- Consistency – Is there a consistent output from the supplier?
- Control of process – Does the supplier offer flexibility and have systematic control over his/her process?
- Commitment to Quality – Is there a system established by the supplier that works constantly for quality management checks?

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2.1.2 Applicability

This Technical Evaluation Strategy is applicable to the evaluation of service providers providing spares for the Electrical system at 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] 240-48929482: Tender Technical Evaluation Procedure
- [2] ISO 9001 Quality Management Systems
- [3] 240-76960420 Guideline for Spares Procurement Technical Evaluation and Quality Inspection.
- [4] 32-1033 Eskom Procurement and Supply Chain Management Policy.
- [5] 32-1034 Eskom Procurement and Supply Chain Management Procedure.
- [6] 474-132 GBE Plant Engineering Baseline Change Management

2.2.2 Informative

- [1] 240-48929482: Tender Technical Evaluation Procedure

2.3 DEFINITIONS

2.3.1 Classification

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

2.3.2 Enquiry

A competitive or non-competitive request for information, interest, quotations, or proposals made to a supplier, a group of suppliers or the market at large.

2.3.3 Tender

A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.4 ABBREVIATIONS

Abbreviation	Description
A&M	Assert & Management
ATL	Accredited Test Laboratory
EPE	Electrical Plant Engineering
EMD	Electrical Maintenance Department
OEM	Original Equipment Manufacture

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Abbreviation	Description
PEI	Production Engineering Integration
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

- 240-53716746: Tender Technical Evaluation Report Template
- 240-53716712: Tender Technical Evaluation Results Form Template
- 240-53716726: Tender Technical Evaluation Scoring Form Template
- 240-53716769: Tender Technical Evaluation Strategy 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	Sandile Madonsela	System Engineer (EPE)
TET 3	Sguda Sibande	System Engineer (EPE)

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2 defines all Mandatory Evaluation Criteria to be used as well as reference to specification and motivation for use of criteria. These criteria will not be scored. Each tender will be assessed on a YES/NO basis. If any answer below is NO the tenderer may be eliminated from the tendering process.

Table 2: Mandatory Technical Evaluation Criteria

No	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	The tenderers to provide technical data in the form of data sheet or brochure for all fuses as per the scope of work as required by the <i>Employer</i>	The supplier shall provide data sheet or brochure for all the fuses listed as per the scope of work.	This will ensure that all the fuses on this scope of work have a correct specification before being delivered to stores.

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3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Compliant tenderers will be evaluated against a set of weighted qualitative evaluation criteria. The evaluation criteria have been broken down into sections and a percentage weighting for each section is allocated. The Tenderer must ensure that his submission/proposal contains all relevant data/proof to substantiate the Employer's weighted criteria's as populated in Table 4 . If no information from the submission file is available per criteria to be evaluated, the weighted score for those particular criteria will result in a zero without further clarification. Only information which is presented, but ambiguous to the evaluators, will be allowed for further clarification.

Table 3: Qualitative Evaluation Criteria Scoring Table

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; 1. Acceptable technical risk(s) AND/OR; 2. Acceptable exceptions AND/OR; 3. 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: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

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Note 2: The scoring table does not allow for scoring of 1 and 3

Note 3: The minimum weighted final score (threshold) required for a tenderer to be considered from a technical perspective is 75%.

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable		Criteria Weighting (%)	Criteria Sub Weighting (%)										
1.	General requirements				20											
	1.1	The tendering entity submits a company profile which includes at least proof of 5 traceable references containing client name and contact numbers where the Switchgear electrical components have been supplied; the list can be either local or international in the Power Generation, Mining or Industrial Sectors and must prove that the tenderer has supplied electrical components in the past 5 years.	<table><tr><th>Number of references</th><th>Score</th></tr><tr><td>5</td><td>5</td></tr><tr><td>3-4</td><td>4</td></tr><tr><td>1-2</td><td>2</td></tr><tr><td>0</td><td>0</td></tr></table>		Number of references	Score	5	5	3-4	4	1-2	2	0	0		20
Number of references	Score															
5	5															
3-4	4															
1-2	2															
0	0															
2.	Delivery and Transport Capability				20											
	2.1	Supplier provides proof that the spares will be delivered within 3 months.	<table><tr><th>Months</th><th>Score</th></tr><tr><td>2</td><td>5</td></tr><tr><td>3</td><td>4</td></tr><tr><td>4</td><td>2</td></tr><tr><td>5</td><td>1</td></tr></table>		Months	Score	2	5	3	4	4	2	5	1		10
Months	Score															
2	5															
3	4															
4	2															
5	1															

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Tender Technical Evaluation Strategy for Supply and deliver of Electrical Switchgear Fuses Spares

Unique Identifier: **15ENG GEN-3160**

Revision: **2**

Page: **9 of 12**

	2.2	Provide proof of vehicle which possess an adequate ventilation system (pictures)	The supplier to provide pictures of the vehicle that will be used to transport the electronics spares. Since maintaining the temperature regime is vital for electrical cargo safe (Refrigerated vehicles play key role in safe transportation of electronics)		10
3.	Premises and Quality Management System			20	
	3.1	Supplier to provide picture of their storage place or workshop for the electrical fuses.	The supplier to provide pictures of the storage place which has a control temperature environment.		10
	3.2	The supplier to provide certificate for quality management system as per ISO 9001;2015 to issue good quality control measures are in place for these electrical spares.	The supplier to submit a copy of up-to-date ISO 9001 certificate.		10
4.	Documentation			40	
	4.1	Provide batch test certificates for components	The supplier to provide data information manual for all components or batch test certificates that will demonstrate it manufactured according to all SANSA standards.		10
	4.2	Drawings and data sheets of equipment/components to be provided	The Supplier will supply any additional information such as brochure, general arrangement drawing, certificates, detailed specification,		15
	4.3	Provide preservation procedures for electronic components where applicable	The Supplier shall supply preservation and storage procedure/s, where applicable.		15
				TOTAL: 100	

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3.1 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1.	X	X
2.	X	X
Qualitative Criteria Number	TET 1	TET 2
1.	X	X
2.		
3.	X	X
4.	X	X

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3.2 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.2.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	
2.	

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Deviating from standard and specification captured in the Works Information/scope of work
2.	Under or overrated equipment.

3.2.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Delivery of substandard components
2.	Tenderer not supplying all items in the full scope.

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4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Geoff Ledwaba	Engineering Manager	
Ryan Hector	Electrical Eng Manager / EMD Manager	
Sandile Madonsela	System Engineer (EPE)	

5. REVISIONS

Date	Rev.	Compiler	Remarks
Jane 2025	1	SC Madonsela	New document
July 2026	2	SC Madonsela	Removal of mandatory and of qualitative number 3 .

6. DEVELOPMENT TEAM

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

SC Madonsela

7. ACKNOWLEDGEMENTS

The author would like to thank all parties involved for their contribution.

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