

Title: **Kusile Power Station Tender
Technical Evaluation Strategy
for the Supply and Delivery of
Essential Systems Spares**

Unique Identifier: **240-147836313**

Alternative Reference Number: **N/A**

Area of Applicability: **Maintenance**

Documentation Type: **Strategy**

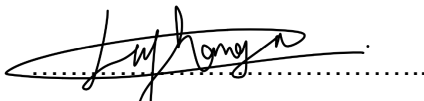
Revision: **1**

Total Pages: **9**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED
DISCLOSURE**

Compiled by



F Nelufhangani
Snr Adv Maintenance

Date: **10/02/2022**

Functional Responsibility



V Dlamini
Line Manager (Acting): TSS

Date: **14/02/2022**

Authorised by



J Tshikomba
Group Manager:
Maintenance

Date: **16/02/2022**

CONTENTS

Page

1. INTRODUCTION	3
2. SUPPORTING CLAUSES.....	3
2.1 SCOPE	3
2.1.1 Purpose	3
2.1.2 Applicability.....	3
2.2 NORMATIVE/INFORMATIVE REFERENCES	3
2.2.1 Normative	3
2.2.2 Informative	3
2.3 DEFINITIONS.....	4
2.3.1 Classification	4
2.4 ABBREVIATIONS.....	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING	4
2.7 RELATED/SUPPORTING DOCUMENTS.....	4
3. TENDER TECHNICAL EVALUATION STRATEGY	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TECHNICAL EVALUATION CRITERIA	5
3.3 TET MEMBERS	7
3.4 TET MEMBER RESPONSIBILITIES	7
3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	7
3.5.1 RISKS.....	7
4. AUTHORISATION.....	9
5. REVISIONS	9
6. DEVELOPMENT TEAM	9
7. ACKNOWLEDGEMENTS	9

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

1. INTRODUCTION

Kusile Power Station has decided to partner with a suitable and qualified Supplier for the supply of Essential Systems Spares at Kusile Power Station. The power station is designed to allow UCLF not exceeding 5% and this can be achieved by ensuring that the time spent on maintenance is minimized. One of the ways to minimize the maintenance downtime is availability of necessary equipment or component maintenance spares.

This document provides an overview of Eskom's technical evaluation criteria to be used when evaluating the tender submissions for the supply of UPS and Chargers (Essential System) spares at Kusile Power Station for the period of three years. The document provides annexures developed to address various aspects required to perform technical evaluations.

2. SUPPORTING CLAUSES

2.1 SCOPE

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 strategy is applicable to Kusile Power Station Contract procurement transaction.

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] 32-1034: Eskom Procurement Policy

2.2.2 Informative

- [3] Kusile Power Station Essential System Spares Supply and Delivery Scope of Work.
- [4] 240-53114248: Thyristor and Switch mode chargers, AC/DC to DC/AC convertors and inverters/Uninterruptible power supplies standard.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

2.3 DEFINITIONS

2.3.1 Classification

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

Local: Within the borders of the Republic of South Africa

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
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
SOW	Scope of Work
OEM	Original Equipment Manufacturer
DC	Direct Current

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be the approval of this document and the approval of the evaluation report post tender evaluation as set out in the 240-48929482: Tender Technical Evaluation Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

240-53114248: Thyristor and Switch mode chargers, AC/DC to DC/AC convertors and inverters/Uninterruptible power supplies standard.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

3. TENDER TECHNICAL EVALUATION STRATEGY

To be eligible for Qualitative Evaluation, the tenderer shall meet all the Mandatory Evaluation requirements.

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the Kusile Power Station Provision of Maintenance Quality Control Service Scope of Work. A weighted score card approach will be used to evaluate the tenders against the Employer's requirements. The following scoring method will be used.

The guideline for Qualitative scoring is on the table below:

Table 3.1: Qualitative Evaluation Criteria Scoring Table

Score	Percentage	Description
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 technical risk(s) AND/OR; Unacceptable exceptions AND/OR; Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE

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 TECHNICAL EVALUATION CRITERIA

To be eligible for evaluation the tenderer shall meet the following gatekeepers:

Table 3.2: Technical Evaluation Criteria

CONTROLLED DISCLOSURE

Mandatory Criteria (Gate Keeper)				
No.	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable		Motivation for use of Criteria
1.	Tenders shall supply the same exact required spares or replacement spares approved by the OEM	Confirmation (signed) letter from the OEM's that the tenderer shall be supported in provision/supply of spares on all unique spares. As a minimum to be included on the letter: Certificate or confirmation letter from OEM that they are the approved supplier or distributor. Duration (time) of the support to be offered to the tenderer on all the spares.		Ensure all tenderer has a support from the OEM on specialised spares
Qualitative Criteria				
No	Criteria Description	Weight (100%)	Reference to Technical Specification / Tender Returnable	Scoring Criteria
1.	Tenderers shall be South African with a minimum track record for supply and delivery of electrical spares to Eskom fleet.	20%	Provide a summary report of list of Electrical spares supplied to Eskom fleet. As a minimum to be included on the report: <input type="checkbox"/> Details of spares supplied, <input type="checkbox"/> Contract value <input type="checkbox"/> Contact details of client	3 = 100% - 5 years or more in supply & delivery of spares 2 = 80% - 4 years of supply & delivery of spares 1 = 40% - 2 years of supply & delivery of spares 0 = 0% - non responsive
2.	Project Execution Plan/Quality control	50%	Demonstrate how tenderer intend on executing the SOW or management of orders/supply/delivery. 1) Provide typical methodology document detailing how the Tenderer intends on managing the orders, supply, delivery, and defective spares. 2) The Tenderer shall indicate how it shall perform the various functions including quality verifications and handling. 3) The Tender shall indicate how it shall perform onsite support pertaining to commissioning of spares where client's technician are unable to commission such.	5 = 100% - Meet technical requirement(s) & No foreseen technical risk(s) in meeting technical requirements And complete list of all spares. 4 = 80% - Meet technical requirement(s) with Acceptable technical risk(s)/exceptions and half of the list completed 2 = 40% - Does not meet technical requirement(s) or Unacceptable technical risks/ exceptions and quarter of the list complete. 0 = 0% TOTALLY

CONTROLLED DISCLOSURE

				DEFICIENT OR NON-RESPONSIVE
3.	Delivery of spares lead times (order placement to delivery at stores)	30%	Document listing delivery time lines for spares on the BOM	5 = 100% - Delivery time lines of 1-4 weeks of 100% of spares on the BOM. \ 4 = 80% - Delivery timelines of 4 -6 weeks of spares on the BOM. 2 = 40% - Delivery timelines of >6 weeks of spares on the BOM. 0 = 0% - nonresponsive

3.3 TET MEMBERS

The members of the technical evaluation team are undisclosed herein to maintain confidentiality when publishing this document on the Tender Bulletin. The details will be available on the Commercial declaration records.

Table 3.3: TET Members

TET Number	TET Name	Designation
TET 1	Confidential	Confidential
TET 2	Confidential	Confidential

3.4 TET MEMBER RESPONSIBILITIES

Table 3.4: TET Member Responsibilities

TET number	Mandatory Criteria Number and Qualitative Technical Evaluation Criteria	Designation
All TET's	Evaluation and scoring of technical submission	Confidential

3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 RISKS

Table 3.5: Acceptable Technical Risks

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Risk	Description
1	No data sheet for relevant technical information
2	No warranty period for capacitors or electronic components

Table 3.6: Unacceptable Technical Risks

Risk	Description
1	No delivery time lines
2	No DT numbers/ part number for electronic modules
3	Non-South African with no track record for supplying same spare or approved similar

Table 3.7: Acceptable Technical Exceptions / Conditions

Risk	Description
1	Accept deviation with technical qualification

Table 3.8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	Deviation without technical qualification not accepted

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

4. AUTHORISATION

This document has been seen and accepted by the signatories on the front page

Name & Surname	Designation
C Lepee	Snr Technologist: Electrical
F Nelufhangani	Snr Advisor: Electrical
B Makini	EMD Manager
M Mphirime	Electrical Engineering manager
V Dlamini	Line Manager (Acting) TSS
T Shibe	System Engineer: Essential Systems
A Mngomezulu	Line Manager Material Management
Tshegofatso Boroko	Snr Supervisor: Power Electronics
Alfred Phatlha	Line Manager PTM

5. REVISIONS

Date	Rev.	Compiler	Remarks
February 2022	1	F Nelufhangani	Strategy Development

6. DEVELOPMENT TEAM

This document has been developed by:

Name & Surname	Designation
F Nelufhangani	Snr Advisor Maintenance

7. ACKNOWLEDGEMENTS

N/A

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.