

Title: **Tender Technical Evaluation
Strategy Metering and
Measurements Spares Supply
Contract.**

Unique Identifier: **241-2022111**

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**

Documentation Type: **Strategy**

Revision: **3**

Total Pages: **12**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED
DISCLOSURE**

Compiled by



NG Mbatha
System Engineer

Date: 2025/05/29

Functional Responsibility



ND Chauke
**Electrical Engineering
Manager**

Date: 2025/05/30

Authorised by



S Hlongwa
**Group Engineering Manager
(Acting)**

Date: 05.06.2025

Contents

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	4
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	4
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
3.5 TET MEMBER RESPONSIBILITIES	10
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	11
3.6.1 Risks	11
3.6.2 Exceptions / Conditions	11
4. AUTHORISATION	12
5. REVISIONS	12
6. DEVELOPMENT TEAM	12
7. ACKNOWLEDGEMENTS	12

TABLES

Table 1: Scoring Method	5
Table 2: TET Members	5
Table 3: Mandatory Technical Evaluation Criteria	6
Table 4: Qualitative Technical Evaluation Criteria	7
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

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

Medupi Power Station is in the process of establishing spares supply contract for Metering and Measurements. An invite will be issued for prospective suppliers to participate in the tendering process for the said contract. This document sets out the method and criteria that will be used to technically evaluate the tenders for supply of Metering and Measurements spare components which are already covered in the "Medupi Power Station Metering and Measurements Spares Procurement" (240-86096949).

2. SUPPORTING CLAUSES

2.1 SCOPE

The document describes the acceptable and unacceptable risks and qualifications and /or conditions.

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

- Mandatory Evaluation criteria
- Qualitative Evaluation criteria
- TET Member Responsibilities
- Acceptable/Unacceptable Qualifications

No changes will be permitted to be made to the evaluation criteria once the Technical Evaluation Strategy is approved by the relevant Engineering Group Manager.

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 the Tender Evaluation Team for Medupi Power Station Metering and Measurements Panels in accordance with the authorised procurement strategy.

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 and Supply Chain Management Procedure

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.

2.2.2 Informative

- [3] 240-86096949: Medupi Power Station Metering and Measurements Spares Procurement
- [4] SANS 147 Code of Practice for electricity metering
- [5] South African Grid Code Information Exchange Code Version 10.1 Jan. 2022

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
BoM	Bill of Material
BoQ	Bill of Quantity
EMD	Electrical Maintenance Department
IED	Intelligence Electronic Device
ISO	International Standard Organisation
LV	Low Voltage
N/A	Not Applicable
PTM	Protection Telecontrol and Measurements
SOW	Scope of Work
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

N/A 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

This section details the methodology to be employed by Eskom in scoring the “Technical” category of the tender evaluation. This evaluation exercise is performed by the appointed Eskom TET members.

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.

The evaluation of the tenders will be based on the tenderer's ability to meet the technical requirements. The evaluation consists of mandatory criteria and qualitative criteria. Results of mandatory evaluation will be "Compliant" or "Non-Compliant."

The qualitative evaluation shall apply a weighted score card approach to evaluate the tenders against the specifications and Employer's requirements. Table 1 below shall be used for scoring method.

Table 1: Scoring Method

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">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; <ul style="list-style-type: none">Acceptable technical risk(s) AND/OR;Acceptable exceptions AND/OR;Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none">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%. This score is applicable to the qualitative evaluation criteria.

3.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Ntando Mbatha	Electrical Engineer – Electrical Engineering
TET 2	Thabo Mangaba	Senior Supervisor Technician – EMD
TET 3	Frans Molebale	Senior Technician – PTM
TET 4	Gawie Pienaar	Senior Technologist – PTM Medupi

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.

3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

All tenders will need to pass the mandatory section, the mandatory evaluation will be on a YES/NO basis as to whether the criteria are met or not. An assessment of “NO” against criteria will immediately disqualify the submission and no further assessment will be made. Refer to **Table 3** for mandatory requirements.

Table 3: Mandatory Technical Evaluation Criteria

No.	Mandatory Technical Criteria Description	Reference to Technical Specification	Criteria Motivation
1	Tenderer should submit proof (SANAS certificate) that their suppliers are SANAS approved to calibrate & verify accuracy of energy meters.	SANAS certificate for meter calibration	<p>All new energy meters and/or operational energy meter are required to be calibrated & verified for accuracy as required by SANS/NRS standard and Grid code Information exchange code.</p> <p>SANAS Approved certificates for energy meter calibration & accuracy verification as per SANS 474:2006/NRS 057:2005 and South African Grid Code Information Exchange code</p>

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Tenders who pass through the mandatory criteria shall then proceed to the qualitative evaluation. These sections shall be sub-divided into the following section with assigned weight/percentage as per **Table 4** below.

Table 4: Qualitative Technical Evaluation Criteria

No.	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable					Criteria Weighting (%)	Criteria Sub Weighting (%)										
2	2.1	Delivery lead time	<p>The Tenderer shall supply and deliver the product to the consumer (Eskom) through all stages of the procurement process.</p> <p>This includes:</p> <p>a) Number of days to deliver the product.</p> <p>b) Reliability of transportation / logistics.</p> <p>c) Deliver quality product with the correct quantities.</p> <p>d) Lead times.</p> <p>The scoring shall be as follows:</p> <p>Lead times (Days)</p> <table><tr><td>Score</td><td>0</td><td>2</td><td>4</td><td>5</td></tr><tr><td>Days (Leadtime)</td><td><35</td><td>>28</td><td>>21</td><td>>14</td></tr></table>					Score	0	2	4	5	Days (Leadtime)	<35	>28	>21	>14	30	100
Score	0	2	4	5															
Days (Leadtime)	<35	>28	>21	>14															

3	3.1	Provide traceable references	<p>The Tenderer submits a list of traceable references which adequately proves that the tenderer has at least supplied some of the items on the BoM.</p> <p>This includes:</p> <ul style="list-style-type: none">a) Company Nameb) Contact Personc) Designationd) Contact Details <p>The scoring shall be as follows:</p> <p>References Submitted</p> <table><tr><td>Score</td><td>0</td><td>2</td><td>4</td><td>5</td></tr><tr><td>Number of references</td><td><1</td><td>>3</td><td>>6</td><td>>12</td></tr></table>	Score	0	2	4	5	Number of references	<1	>3	>6	>12	30	100
Score	0	2	4	5											
Number of references	<1	>3	>6	>12											
4	4.1	Previous experience in supplying of goods.	<p>Related years of experience or evidence of supplying the product to the consumer through all stages of the procurement process (PO).</p> <p>This includes:</p> <ul style="list-style-type: none">a) Similar products provided elsewhere <i>e.g. energy meters.</i>b) After sales service/support. <p>The scoring shall be as follows.</p> <p>Experience (Years):</p> <table><tr><td>Score</td><td>0</td><td>2</td><td>4</td><td>5</td></tr><tr><td>Number of years</td><td><1</td><td>2</td><td>3</td><td>>4</td></tr></table>	Score	0	2	4	5	Number of years	<1	2	3	>4	30	100
Score	0	2	4	5											
Number of years	<1	2	3	>4											

5	5.1	Product Information sheet/technical datasheet	<div>The Tenderer shall supply and deliver the product information sheet or technical specification/datasheet. The technical specification/datasheet shall be supplied per spare item (see document 240-86096949) on the BoM.</div> <div>No. of datasheet submitted:</div> <table><tr><td>Score</td><td>0</td><td>2</td><td>4</td><td>5</td></tr><tr><td>Days (Leadtime)</td><td><5</td><td>>10</td><td>>18</td><td>>25</td></tr></table>	Score	0	2	4	5	Days (Leadtime)	<5	>10	>18	>25	10	100
Score	0	2	4	5											
Days (Leadtime)	<5	>10	>18	>25											
				TOTAL:	100										

TET Member Responsibilities

Table 5: TET Member Responsibilities

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

3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Inviting Supplier/s with no relevant experience on specific equipment's such as Meters and transducers.
2.	Tendering without conducting site visit/s for plant walk-down/s.

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Mandatory criteria not evaluated and/or satisfied.

3.5.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions




Risk	Description
1.	Declining to provide technical details accurately deemed intellectual proprietary.
2.	Supplying technical information/Datasheets of the successor spare if the spares of BoM have been deemed obsolete by the OEM.

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviation without technical qualification not accepted.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Thabo Mangaba	Senior Supervisor - EMD	
Gawie Pienaar	Senior Technologist – PTM Medupi	
Frans Molebale	Senior Technician – PTM Medupi	

5. REVISIONS

Date	Rev.	Compiler	Remarks
August 2022	1	JJ Bruwer	New document
March 2024	2	NG Mbatha	Update: Section 3 and Appendix A
May 2025	3	NG Mbatha	Updated: Section 3 (table 3, table 4 and section 3.5 & 3.6)

6. DEVELOPMENT TEAM

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

Johannes Bruwer

Ntando Mbatha

7. ACKNOWLEDGEMENTS

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.