

Title: **Tender Technical Evaluation
Strategy Supply and Delivery of
Aux Boiler C&I spares**

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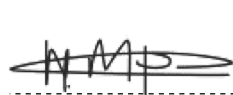
Compiled by



Ernest Morolong
Senior Technician
C&I Maintenance

Date: 15 July 2026

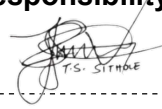
Supported by



Shu Mpangase
System Engineer
C&I Engineering

Date: 17/07/2026

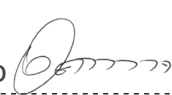
Functional
Responsibility



Thule Sithole
Manager
C&I Maintenance

Date: 2026/07/20

Authorized by

pp 

Portia Lutumbu
Manager Acting
Maintenance Group

Date: 2026-07-23

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1. INTRODUCTION

Medupi Power Station is designed to be a highly efficient and effective coal fired power station in supplying power to the South African National Grid. This should be maintained by ensuring that the plant power output is not negatively impacted by unavailability, inefficiency and unreliability of certain plant equipment or components. The power station is designed to allow UCLF capped at 2% 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 technical criteria to be used when evaluating the tender submissions for **Supply and Delivery of Aux Boiler C&I Spares** at Medupi Power Station for the period of three (3) years. The document provides annexures developed to address various aspects required to perform technical evaluations.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document contains the technical evaluation criteria and associated documents relating to a commercial enquiry for the technical evaluation of the **Supply and Delivery of Aux Boiler C&I Spares contract**.

The technical evaluation team members are listed and appointed in this document along with their responsibilities.

The technical evaluation requirements consist of the following criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria

Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

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 shall apply to Medupi Power Station **Supply and Delivery of Aux Boiler C&I Spares contract**.

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

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[2] 32-1034: Eskom Procurement Policy

2.2.2 Informative

- [1] ISO 9001: Quality management systems
- [2] ISO 14001: Environmental Management systems
- [3] 474-59: Internal Audit Procedure

2.3 DEFINITIONS

Definition	Description
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.
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.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
C&I	Control and Instrumentation.
NEC3	New Engineering Contract
OEM	Original Equipment Manufacturer
PD	Order On Request (As and When required)
QC	Quality Control
RF	Refurbishment of items
SHEQ	Safety Health Environmental and Quality
SOW	Scope of Work.
V1	Re-Order Point for Non-Repairable Material (Normal)
VB	Manual Re-Order Point Planning (RF)
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

This procedure shall be monitored by 474-59: Internal Audit Procedure

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2.7 RELATED/SUPPORTING DOCUMENTS

Tender Technical Evaluation Scoring Form

3. TENDER TECHNICAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The 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.

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 requirement. The score card below will be used.

Table 1: Qualitative Evaluation Criteria Scoring Table

Score	Weigh score%	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

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 2: TET Members

TET number	TET Member Name	Designation
TET 1	Letago Manyelo	System Engineer
TET 2	Shu Mpangase	C&I System Engineer
TET 3	Thys Britz	Senior Supervisor C&I Maintenance
TET 4	Ernest Morolong	Senior Technician C&I Maintenance

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 1: Mandatory Technical Evaluation Criteria

Mandatory Technical Evaluation Criteria		Reference to Technical Specification / Tender Returnable	Motivation & Comments
1	Relationship with OEM / Accredited Suppliers	The contractor must: 1. Provide a formal OEM commitment letter, or a valid certificate of partnership/accreditation, which explicitly confirms the OEM's full commitment to support the bidder in the supply of genuine spare parts.	The OEM commitment letter must be addressed to the Contractor. Failure to meet any mandatory criterion will result in disqualification.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 2: Qualitative Technical Evaluation Criteria

Technical Evaluation Criteria			Guideline / Notes
Technical Criteria Description		Sub-criteria weighting (%)	
1. Compliance to Eskom Specification	Weighting =	35%	
<i>General measure in line with the product specification</i>			
1.1	Provide a Supply and Delivery of Aux Boiler C&I Spares service to the Employer in accordance with 241-20221068 Medupi Power Station Supply and Delivery of Aux Boiler C&I spares scope of work. The tenderer shall submit a comprehensive technical proposal including the following: • Product Information Sheets for all offered materials. • A Performance Guarantee from the manufacturer. • Details on spares supply and a clear schedule of lead times.	100%	Scoring: 5 - Product Information Sheet, Performance Guarantee, Spares Supply lead times with schedule. 4 - Excluding one from the following: Product Information Sheet, Performance Guarantee, Spares Supply lead times with schedule. 2 - Excluding two from the following: Product Information Sheet, Performance Guarantee, Spares Supply lead times with schedule. 0 - None of the following: Product Information Sheet, Performance Guarantee, Spares Supply lead times with schedule.

Compliance to Eskom Specification Score:			
2. Previous Experience	Weighting =	15%	
<i>Reference list of Purchase/Task Orders completed of previous similar work.</i>			
2.1	The contractor shall provide a reference list of previous projects that demonstrates their relevant experience. This list must include a minimum of three completed spares supply contracts/task orders that span at least five years of experience. For each reference, the contractor must provide the project title, the client's name and contact information, and the contract's duration. All Task orders/contracts must be related to C&I Spares Supply.	100%	Scoring: 5 - A reference list with 3 or more completed Contract/Task Orders to be provided with min 5 years relevant experience. 4 - A reference list with 2 complete Contract/Task Orders provided with min 3 years relevant experience. 2 - A reference list with 1 completed Contract/Task Order provided. 0 - No reference of a completed Contract/Task Order provided.
Previous Experience Score:			
3. Parts Sourcing	Weighting =	20%	
<i>Parts Sourcing</i>			

3.1	The contractor's capability to plan, manage, and meet agreed supply timelines for the delivery of required spares in accordance with the contract requirements. Scoring will be based on the following elements: - Documented lead time commitments aligned to the contract or scope of work. - Defined supply planning approach (e.g. order processing, scheduling, coordination). - Evidence of ability to consistently meet declared supply timelines (Evidence shall include documented historical performance, delivery records, or client references confirming adherence to agreed timelines).	100%	Scoring: 5 – All 3 elements provided with verifiable supporting evidence. 4 – Any 2 elements provided. 2 – Only 1 element provided. 0 – No relevant information provided
Parts Sourcing:			
4. Technical Resource Capability	Weighting =	10%	
<i>Technical Resource Capability</i>			
4.1	The supplier must show access to at least One qualified C&I technical personnel assigned to the contract by providing an organogram, qualifications, and relevant	100%	Scoring:

	experience, ensuring capability to support spares identification, verification, and technical queries. Recognised C&I Qualification such as National Diploma/BTech/Degree in C&I/Electrical Engineering or Trade Test: Instrumentation Technician or Millwright (With C&I Exposure). All qualifications and experience must be supported by CVs and certified copies of qualifications.		5 – Structured organogram provided, at least one qualified C&I technical resource, and ≥5 years relevant C&I experience clearly demonstrated. 4 – Organogram and qualified technical resource provided with 3–5 years relevant experience. 2 – Organogram provided but: • No qualified C&I resource, OR • Less than 3 years relevant experience, OR • Role not clearly linked to contract. 0 – No technical resource information provided
Technical Resource Capability			
5. Technical Quality Assurance	Weighting =	20%	
<i>Quality Assurance</i>			
5.1	The Service Provider shall demonstrate the capability to manage the logistics, handling, quality assurance, and delivery integrity of C&I spares. Evidence shall include, but not be limited to: • Valid ISO 9001 Quality Management System certification. • Quality Assurance (QA) procedures.	100%	Scoring: 5 -Valid ISO 9001 certificate submitted and at least 4 of the 5 supporting quality documents are provided (QA Procedure, QC Procedure, ITP/Inspection Process, Traceability Procedure, Logistics/Handling Procedure). Documents are detailed, implemented, and auditable. 4 - Valid ISO 9001 certificate submitted and at least 3 of the 5 supporting quality documents are provided. Procedures are adequate but may contain minor gaps or lack detail in some areas.

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	• Quality Control (QC) procedures. • Inspection and Test Plans (ITPs) or equivalent inspection processes. • Material traceability and tracking procedures. • Logistics, storage, handling and packaging procedures.		2 - At least 3 supporting quality documents are provided. Quality system is partially demonstrated but key controls are missing or insufficiently documented. 0 - No valid ISO 9001 certificate submitted or no supporting QA/QC documentation provided. The supplier has not demonstrated an acceptable quality management system for the supply of C&I spares.
Technical Quality Assurance:			
Final score for TET:			

3.5 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1. Relationship with OEM / Accredited Suppliers	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1. Compliance to Eskom Specification	X	X	X	X
2. Previous Experience	X	X	X	X
3. Parts Sourcing	X	X	X	X
4. Technical Resource Capability	X	X	X	X
5. Technical Quality Assurance	X	X	X	X

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3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	Deviation from equipment if a technical equivalency is available without modification to the running plant.

Table 5: Unacceptable Technical Risks

Risk	Description
1.	No letter of confirmation of supply from original equipment manufacturer or approved local supplier for spares that requires letters as per BOM

3.7.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Supplier/Tenderer that are non-OEM's
2.	Signed letters from OEM's/Approved local supplier by OEM to non-OEM's Supplier/Tenderer.

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Supplier/Tenderer does not meet all mandatory criteria

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Ernest Morolong	Senior Technician C&I Maintenance
Thys Britz	Senior Supervisor C&I Maintenance
Lerato Sehume	Manager Technical Support
Vusi Mosime	Engineer C&I Engineering
Shu Mpangase	Engineer C&I Engineering
Letago Manyelo	Engineer C&I Engineering
Joel Manamela	C&I System Engineer
Thule Sithole	Manager C&I Maintenance

5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2025	1	Ernest Morolong	Original document
June 2026	2	Ernest Morolong	Updated the document and made some changes on the Qualitative Criteria. Formatting Changes Added Support for C&I System Engineer Added requirement for ISO 9001:2015 Certification

6. DEVELOPMENT TEAM

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

Ernest Morolong

Lerato Sehume

Thys Britz

Vusi Mosime

Joel Manamela

Tankiso Mpebe

7. ACKNOWLEDGEMENTS

None

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