Eskom	Strategy	Engineering

Title: **Technical Evaluation Strategy – Engineering Test Production Equipment Calibration and Repair**

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Compiled by	Supported by	Functional Responsibility	Authorized by
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TABLES

1. INTRODUCTION

Grootvlei Power Station will outsource calibration, servicing, and repair of test equipment to accredited providers at appropriate intervals in line with ISO 9001:2025. Calibration applies to handheld instruments used by P&T across the plant to ensure accuracy and reliability for safe, efficient operations. Benefits include improved accuracy and reliability, regulatory compliance, longer instrument life, enhanced safety, and reduced maintenance costs. Additional monitoring and plant performance testing of handheld instruments aim to maximize efficiency, reduce operating costs, and enable early detection of malfunctions.

Grootvlei Power Station has decided to establish a contract to maintain and improve the reliability of engineering production equipment used by P&T Engineering. The services are required for all production equipment used by P&T Engineering on a yearly basis, and as and when required for the duration of the contract.

2. SUPPORTING CLAUSES

2.1 SCOPE

This tender technical evaluation consolidates the comprehensive scope for assessing the engineering production equipment contract for Grootvlei Power Station, as outlined in the procurement strategy. It articulates the rigorous evaluation framework the multidisciplinary Technical Evaluation Team (TET) will apply to the Engineering Test Production Equipment Calibration and Repair at Grootvie Power Station, detailing the roles and responsibilities of team members, the acceptable and unacceptable risks, and the qualifications/conditions that govern the Scope of Work. Once the Technical Evaluation Strategy is authorized, no changes to the evaluation criteria will be made without the requisite approvals, ensuring a robust, transparent, and authoritative evaluation process that drives optimal value, reliability, and project success.

2.1.1 Purpose

The purpose of this Tender Technical Evaluation Strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria, and Tender Evaluation Team (TET) member responsibilities for the tender technical evaluation. It serves as the basis for the tender technical evaluation process.

2.1.2 Applicability

This document is applicable to Grootvie Power Station and is intended for use by P&T/Process Engineering only.

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] 240-56355731 Environmental Conditions for Process Control Equipment Used at Power Stations Standard.

2.2.2 Informative

[3] OEM/Manufacturer MAUELL technical documentation (part numbers, revisions and compatibility).

2.3 DEFINITIONS

2.3.1 Classification

Controlled Disclosure: Controlled Disclosure to external parties, either enforced by law or discretion.

2.4 ABBREVIATIONS

Abbreviation	Description
N/A	Not Applicable
OEM	Original Equipment Manufacture
TET	Technical Evaluation Team
P&T	Performance and Test

2.5 ROLES AND RESPONSIBILITIES

1. Process/P&T Engineering Manager: Ensures that the respective areas understand and adhere to this procedure.
2. Senior Advisor: Responsible for compiling and reviewing technical tender documents.
3. Technical Evaluation Team (TET) Member: Delegated engineers and technical specialists are responsible for reviewing and evaluating the technical aspects of the tender documentation. Tender TET.

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers)

1. These criteria must be met; they are not weighted, or point scored. Each criterion is assessed on a Yes/No basis as to whether it is met.
2. If any criterion is assessed as No, the tenderer is technically disqualified and will not be evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria

1. These are weighted evaluation criteria used to identify the highest technically ranked tenderer after confirming that all Mandatory Evaluation Criteria have been met.
2. The Qualitative Evaluation Criteria are assigned weights to reflect their relative importance.
3. *A tender must achieve a minimum weighted final score **(threshold) of 70%** to be considered from a technical perspective.*

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Paneal Fakude	Snr Technician P&T
TET 2	Tabani Mfusi	Process Snr Advisor
TET 3	Sibusiso Nkosi	Process Manager

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

The Mandatory Technical Evaluation Criteria listed in Table 2 shall be used to determine which bidders qualify for further evaluation in the Qualitative Technical Evaluation phase.

Technical Evaluation Criteria

Project / Package / Contract Number	
Name of Tenderer	
Project / Package / Contract Name	Technical Evaluation Strategy for P&T Engineering Test Production Equipment Calibration and Repair at Grootvlei Power Station

Table 2: Mandatory Requirements (Gate Keeper)

No.	Mandatory Technical Evaluation Criteria	Mandatory Technical Criteria Description	Motivation for Use of Criteria	Comply (Yes/No)	Evaluation Comments / Evidence
1	Company Experience	The bidder shall submit a company profile demonstrating proven experience in the calibration, servicing, and repair of P&T Engineering test production equipment. The profile shall clearly indicate the bidder's technical capabilities, resources, and experience in executing similar work.	To verify that the bidder possesses the necessary technical competence, resources, and proven experience to execute the contract in accordance with the required quality, safety, and performance standards.		
2	Evidence of Previous Similar Work	The bidder shall submit a minimum of three (3) calibration and repair reports for P&T Engineering test production equipment completed for previous clients. The reports shall demonstrate successful execution of similar work.	To confirm the bidder's proven track record and ability to deliver calibration and repair services of a similar nature and complexity, thereby reducing technical and performance risks.		

Overall Mandatory Evaluation Result		Pass / Fail	A bidder must comply with all mandatory technical criteria to proceed to the next stage of the evaluation.		
Mandatory Evaluation Rule	Failure to comply with anyone (1) of the mandatory technical evaluation criteria shall result in the bidder being declared non-responsive and excluded from further technical evaluation. No additional technical assessment will be conducted for bidders who fail to meet all mandatory requirements.				

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

→ Table 3 indicates the scoring method used for each qualitative evaluation criterion that is shown on Table 4 .

Table 4: Scoring Scale for Technical Evaluation

Score	Technical Evaluation Rating	Description
5	Fully Compliant	Submission fully complies with all technical requirements and provides comprehensive, clear, and substantiated evidence. The response meets or exceeds the Employer's expectations with no material shortcomings or technical risk.
4	Compliant	Submission complies with the technical requirements. Minor shortcomings or omissions are identified; however, these present a low technical risk and do not materially affect the Tenderer's ability to perform the contract successfully.
2	Partially Compliant	Submission partially complies with the technical requirements. Significant shortcomings, gaps, or limited supporting evidence are identified; however, the submission remains technically acceptable, and the identified risks are considered manageable.
0	Non-Compliant	Submission does not comply with the technical requirements, provides insufficient or no supporting information, or demonstrates an inability to meet the Employer's minimum technical requirements. The submission is technically unacceptable.

***Note**: Where the required supporting evidence for a criterion is not submitted, or where submissions are vague/general with no defined controls or proof, the bidder shall be scored **X = 0** for that criterion.*

Table 4: Qualitative Technical Evaluation Criteria

Qualitative Technical Evaluation Criteria	Scoring Guide (0,2,4,5)	Weight (%)	Supplier Weighted Score (%)	Supplier Score (0-5)	Weighted Score Obtained
1. EXPERIENCE AND CAPACITY		**20**			
1.1 Previous Experience		**10**			
Submit at least three purchase orders as evidence of previous P&T Engineering Test Production Equipment calibration and repair work.	5 = Three or more relevant purchase orders submitted. 4 = Two relevant purchase orders 2 = One relevant purchase order. 0 = No evidence submitted.				
Submit SANAS accreditation or equivalent certification demonstrating competency in calibration of P&T Engineering Test Production Equipment.	5 = Valid SANAS accreditation submitted. 4 = Equivalent accreditation submitted. 2 = Partial or expired accreditation 0 = No accreditation submitted.	**10**			
1.2 Supervisor's Qualifications and Experience		**10**			
Supervisor's CV demonstrating relevant calibration experience.	5 = Extensive relevant experience (>5 years). 4 = Relevant experience (3–5 years). 2 = Limited experience. 0 = No relevant experience.	**3**			

Certified National Diploma or higher in Engineering.	5 = Degree/B-Tech or higher. 4 = National Diploma. 2 = Lower relevant qualification. 0 = No qualification.	**5**			
Certified Leadership Course Certificate.	5 = Certificate submitted. 0 = Not submitted.	**2**			
1.3 Technical Engineering Personnel		**20**			
Engineer (BSc/B-Tech/National Diploma + >5 years industrial experience).	5 = Meets all requirements. 4 = Minor shortfall. 2 = Significant shortfall. 0 = Does not comply.	**10**			
Technical Engineer (>3 years' experience).	5 = Meets requirements. 4 = Minor shortfall. 2 = Limited experience. 0 = Not compliant.	**5**			
Technical Engineer (>2 years' experience).	5 = Meets requirements. 4 = Minor shortfall. 2 = Limited experience. 0 = Not compliant.	**5**			
2. COMPANY KNOWLEDGE		**30**			
Comprehensive Method Statement covering the full scope.	**5** = Comprehensive methodology covering technical, quality, safety, environmental requirements, maintenance procedures,	**30**			

	dismantling, inspections, repairs, reassembly, housekeeping, calibration process and analysis. **4** = Good methodology with minor omissions. **2** = Basic methodology with limited technical detail. **0** = No relevant method statement submitted.				
3. QUALITY DOCUMENTATION		**10**			
Submit ISO 9001:2015/2025 Certificate and SANAS calibration accreditation with three supporting certificates.	5 = All required certificates submitted. 4 = Minor documentation outstanding. 2 = Limited supporting documentation. 0 = No acceptable documentation submitted.	**10**			
4. RISK ASSESSMENT		**10**			
Submit a detailed Risk Assessment specific to the scope of work.	5 = Comprehensive risk assessment including hazards, mitigations and risk matrix. 4 = Most risks identified with mitigations. 2 = Limited risk assessment. 0 = No risk assessment submitted.	**10**			
GRAND TOTAL		**100**			

3.5 TET MEMBER RESPONSIBILITIES

1. Table 5 identifies the TET members that have been allocated to evaluate each Qualitative criterion (minimum 2 evaluators per criteria / sub-criteria).

Table 5: TET Member Responsibilities

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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

The Technical Evaluation Team (TET) has identified the technical risks and qualification conditions that may reasonably arise during the execution of the Engineering Test Production Equipment Calibration and Repair Contract at Grootvlei Power Station. These risks have been assessed in terms of their potential impact on plant reliability, equipment integrity, personnel safety, statutory compliance, and successful contract execution.
Only risks and qualifications that do not compromise Eskom's operational, quality, safety, or statutory requirements shall be considered acceptable.

3.6.1 Technical Risks

Table 6: Acceptable Technical Risks

Risk	Description
Planned equipment unavailability	Temporary withdrawal of equipment from service for calibration or repair is acceptable, provided the work is coordinated with the Employer's Representative and does not adversely affect plant operations.
OEM lead-time constraints	Delays in obtaining Original Equipment Manufacturer (OEM) spare parts are acceptable where the bidder provides documented evidence of procurement efforts, realistic delivery schedules, and continuous progress reporting.
Additional defects identified during repair	Discovery of defects not included in the original scope is acceptable, provided no additional work commences without prior written approval from Eskom.
Operational scheduling constraints	Calibration activities may be rescheduled to accommodate plant operating requirements, provided contractual turnaround times and quality requirements are maintained.
Equipment beyond economical repair	Equipment declared beyond economical repair is acceptable where the Service Provider submits a comprehensive technical assessment and supporting evidence for Eskom's approval.

Table 7: Unacceptable Technical Risks

Risk	Description
Non-accredited calibration services	Calibration performed by laboratories that are not accredited to ISO/IEC 17025 (where applicable) or whose measurement standards are not traceable to national or international standards.
Invalid calibration certificates	Submission of incomplete, inaccurate, altered, expired, or unverifiable calibration certificates or reports.
Use of counterfeit or unapproved components	Supply or installation of counterfeit, refurbished (without approval), sub-standard, or non-OEM equivalent components without Eskom's written approval.
Failure to restore equipment to full functionality	Returning equipment that does not comply with the original manufacturer's specifications or fails functional verification testing.
Poor workmanship	Repair work resulting in repeat failures, reduced equipment reliability, compromised measurement accuracy, or additional maintenance requirements.

Non-compliance with Eskom SHEQ requirements	Failure to comply with Eskom Safety, Health, Environmental and Quality (SHEQ) requirements, statutory legislation, or site access requirements.
Inadequate technical competency	Deployment of personnel who are not suitably qualified, competent, experienced, or authorised to perform calibration and repair activities.
Lack of measurement traceability	Calibration measurements that cannot be traced to recognised national or international measurement standards.

3.6.2 Technical Exceptions/ Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Technical Exception / Condition	Description
Equivalent evidence of previous experience	Where completion certificates are unavailable, Purchase Orders, signed service reports, client reference letters, invoices, or signed delivery notes may be accepted as evidence of successfully completed similar work.
Additional repairs outside the scope	Repairs identified during inspection may be undertaken only after written technical approval from the Employer's Representative.
OEM supply constraints	Alternative delivery periods may be accepted where supported by official OEM or authorised distributor correspondence confirming availability and expected delivery dates.
Equivalent replacement components	Replacement components that are technically equivalent to the original equipment may be accepted only after technical evaluation and written approval by Eskom.
Planned calibration schedule adjustments	Calibration dates may be revised to accommodate plant operational requirements without affecting contractual obligations or equipment integrity.

Table 9: Unacceptable Technical Exceptions / Conditions

Technical Exception / Condition	Description
Calibration without traceability	Any proposal to perform calibration without traceability to recognised national or international measurement standards.
Failure to submit calibration certificates	Failure to provide signed calibration certificates, repair reports, inspection records, or test results for completed work.
No warranty	Refusal to provide a warranty covering workmanship, repaired equipment, replacement components, or calibration services.
Unauthorised subcontracting	Subcontracting any portion of the work without the prior written approval of Eskom.
Deviation from the Scope of Work	Any deviation from the Employer's technical specification, contractual requirements, applicable standards, or manufacturer's recommendations without Eskom's written approval.
Compromised safety requirements	Any proposal or working method that compromises personnel safety, equipment integrity, plant reliability, environmental compliance, or statutory obligations.
Use of non-compliant equipment	Use of calibration standards, measuring instruments, or test equipment that are not calibrated, verified, or fit for purpose.
Incomplete contract deliverables	Failure to provide mandatory documentation, technical reports, quality records, or final calibration data required under the contract.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Penuell Fakude	P&T SNR Technician
Sibusiso Nkosi	Process/ P&T Engineering Manager
Thabo Montja	Engineering Group manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
27 July 2026	00	Tabani Mfusi	Compiled for evaluating of the Grootvie power Station production Equipment Calibration and Repair contract.

6. DEVELOPMENT TEAM

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

1. Process / P&T Engineering Team

7. ACKNOWLEDGEMENTS

2. Process / P&T Engineering Team