

	STRATEGY	DUVHA POWER STATION
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Date 2026/07/24	Date	Date 24/07/2026

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1. INTRODUCTION

Chemistry parameters monitoring is a crucial aspect in ensuring the long and the short plant health of the system. The monitoring is done by taking water samples of coal and do analysis and generate results for different stakeholders.

Accuracy of the results as per the requirement of ISO 17025 and ISO 9001 quality management system and reliability of the instruments is essential for generating reports to make decision in the business.

SUPPORTING CLAUSES

1.1 Scope

This scope of work entails the details of consumables, service, maintenance, repair, and calibration required for laboratory instruments/equipment Purpose

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

1.1.1 Applicability

This document shall apply throughout Duvha Power Station.

1.1.2 Effective date

This document shall be effective from date of authorisation.

1.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

1.2.1 Normative

- [1] 32-1034 Eskom Procurement and Supply Chain Management Procedure
- [2] 240-168966153 Generation Tender Technical Evaluation Procedure

1.2.2 Informative

- [3] ISO 9001 Quality Management Systems

1.3 Definitions

Controlled disclosure controlled disclosure to external parties (either enforced by law, or discretionary)

1.4 Abbreviations

Abbreviation	Description
TET	Technical Evaluation Team

1.5 Roles and Responsibilities

Designation	Responsibility
Accuracy	The degree of correctness with which the result of a measurement represents the true value of a quantity usually expressed in terms of error
Calibration	A comparison between a process calibration instruments item and a measuring standard of higher accuracy to detect, correlate, adjust and document the accuracy of the item being compared
Contractor	Service Provider or legal entity contracted to provides any service/s to Eskom for compensation
ISO 17025	An International Standard (published by the International Organization for Standardization) that specifies the general requirements for the competence to carry out tests and/or calibrations
Regression Coefficient	When the regression line is linear ($y = ax + b$) the regression coefficient is the constant (a) that represents the rate of change of one variable (y) as a function of changes in the other (x), it is the slope of the regression line
Test Instruments	Measuring instruments and standard used to check the operation of process measuring instruments under test conditions

1.6 Process for Monitoring

This document shall be subjected to internal reviews

1.7 Related/Supporting Documents

N/A

2. STRATEGY FOR TENDER TECHNICAL EVALUATION

2.1 Technical Evaluation Threshold

[1] Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

[2] Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion.

[3] The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%. The following scoring method will be used:

Table 1: TECHNICAL SCORING METHODOLOGY

Score	Percentage (%)	Description
5	100	COMPLIANT: - Meet the technical requirement(s) AND, - No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS - Meet the technical requirement(s) with, - Acceptable technical risks AND/OR - Acceptable exceptions AND/OR - Acceptable conditions
2	40	NON-COMPLIANT - Does not meet the technical requirement(s) AND/OR - Unacceptable technical risk(s) AND/OR - Unacceptable exceptions AND/OR - Unacceptable conditions
0	0	TOTALLY DEFICIENT/NON-RESPONSIVE

2.2 TET Members

Table 2: TET MEMBERS

TET number	TET Member Name	Designation
TET 1	B E Mogola	Snr Tech Supervisor
TET 2	C Mngqibisa	Snr Chemist
TET 3	Simon Tsamago	Senior Supervisor Tech Chemistry
TET 4	Phakamile Ngxekana	Chemistry Technician

2.3 Mandatory Technical Evaluation Criteria

Table 3: MANDATORY TECHNICAL EVALUATION CRITERIA

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	Proof of authorisation from all OEM that the contractor is authorised or supported by OEM to supply, repairs, commission, service, and calibration of laboratory Leco instruments/equipment's	Signed letter from the OEMs Support/authorizing the supplier to do maintenance on the below mentioned instrument - - Leco Carbon and Sulphur SC832 - Leco AFT 700 - Leco AC600 CV	The ensure supplier is competent or have support from the OEMs to maintain relevant instruments
2	Quality	The service provider/OEM ISO17025 accreditation calibration certificate on temperature, humidity, mass and timer for the following instrument/equipment's - Sanplatech dry keeper desiccator - Hygrometer Temperature and humidity - Stopwatch, - Moisture ovens - ISO ash furnaces, - Volatile furnaces	Ensure quality work is done on approved methods authorised by ISO17025 accreditation standard

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		• Top pan and analytical balances • Temperature verification probes (flexy and solid probes) • Balances, Mass pieces • Digital thermometer, • Hardgrove (HG)	
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2.4 Qualitative Technical Evaluation Criteria

The weight for the technical review will be 100% with a minimum threshold of 70% and will be based on the following

Table 4: QUALITATIVE TECHNICAL EVALUATION CRITERIA

	Qualitative Technical Criteria Description		Tender Returnable	Criteria Weighting	Criteria Sub Weighting
				(%)	(%)
1	Tenderer's Experience				
	1 1	Company experience in maintenance and calibration of coal laboratory instruments	Provide company registration certificate	20	1 year = 25 points 2 years = 50% points 3 years and above =100% points
	1 2	Credentials and signed organogram of personnel involved in the project and experience	Submission of - • Company organogram • Highest qualification • Evidence of experience(years) in service, calibration and maintenance field	40	0 submission = 0% points 1 item submission =25% points 2 items submission =50% points 3 items submission =100% points
	1 3	The supplier should have 2 references service, calibration and maintenance field	Provide at least 2 order numbers or completion certificate of the same project	40	0 reference = 0% points 1 reference = 50% points 2 reference = 100% points
	1 4				

2.5 TET Member Responsibilities

Table 5: TET MEMBER RESPONSIBILITIES

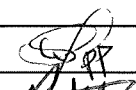
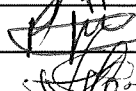
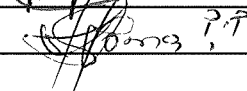
Mandatory Criteria Number	Tet 1	Tet 2	Tet 3
1	X	X	X
Qualitative Criteria Number	Tet 1	Tet 2	Tet 3
1 1	X	X	X
1 2	X	X	X
1 3	X	X	X

X – Required Attendance

O – Optional

3. ACCEPTANCE

This document has been seen and accepted by

Name	Designation	Signature
N P Thabethe	Snr Supervisor Tech Chemistry	
P Ngxekana	Senior Technician	
N S Tsamago	Snr Supervisor Tech Chemistry	

4. REVISIONS

Date	Rev.	Compiler	Remarks
June 2025	1	Bavuseni Mogola	Original

5. DEVELOPMENT TEAM

All Technical Evaluation Team Members, as listed in Table 1, were involved with the development of this document