

	STRATEGY	DUVHA POWER STATION
---	-----------------	----------------------------

Title: **Cleaning of Clarifiers at Duvha Power Station**
 Document Identifier: **N/A**

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**

Functional Area: **Chemical Services**

Revision: **1**

Total Pages: **10**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED DISCLOSURE**

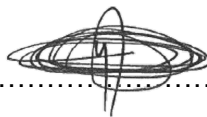
Compiled by:



Cecil Mngqibisa
Senior Chemist

Date: 2026/10/05

Supported by:



Yamkela Mgwebi
Auxiliary Engineer

Date: 2026/10/05

Authorised by:



Lefumo Maswanganye
Manager Chemical Services

Date: 05/10/2026

CONTENTS	PAGE
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 Scope.....	3
2.1.1 Applicability.....	3
2.1.2 Effective date.....	3
2.2 Normative/Informative References	3
2.2.1 Normative	3
2.2.2 Informative.....	4
2.3 Definitions	4
2.4 Abbreviations	4
2.5 Process for Monitoring.....	4
2.6 Related/Supporting Documents	4
3. STRATEGY FOR TENDER TECHNICAL EVALUATION	5
3.1 Technical Evaluation Threshold	5
3.2 TET Members	6
3.3 Mandatory Technical Evaluation Criteria.....	7
3.4 Qualitative Technical Evaluation Criteria.....	8
3.5 TET Member Responsibilities	10
4. ACCEPTANCE	10
5. REVISIONS	10
6. DEVELOPMENT TEAM.....	10

TABLES

Table 1: TECHNICAL SCORING METHODOLOGY	5
Table 2: TET MEMBERS	6
Table 3: MANDATORY TECHNICAL EVALUATION CRITERIA	7
Table 4: QUALITATIVE TECHNICAL EVALUATION CRITERIA	8
Table 5: TET MEMBER RESPONSIBILITIES	10

1. INTRODUCTION

The Employer requires the provision of a comprehensive cleaning of cooling water and potable water clarifier cleaning chemical at Duvha Power Station Duvha Power Station.

The cleaning services should address the following.

- Corrosion areas exposure: Cleaning of all corrosion affected areas such to allow proper repairs
- Deposit control: Clean mineral salt precipitation on all water touched based material of contraction and other contaminations. This cleaning should minimise the developed hard scale and fouling by suspended solids
- Removal of reeds: At the clarifier launders and acid recarb areas:

2. SUPPORTING CLAUSES

2.1 Scope

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.

2.1.1 Applicability

This document shall apply throughout Duvha Power Station.

2.1.2 Effective date

This document shall be effective from date of authorisation

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

CONTROLLED DISCLOSURE

2.2.2 Informative

[3] ISO 9001: Quality Management Systems.

2.3 Definitions

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

2.4 Abbreviations

Abbreviation	Description
TET	Technical Evaluation Team

2.5 Process for Monitoring

This document shall be subjected to internal reviews.

2.6 Related/Supporting Documents

N/A.

CONTROLLED DISCLOSURE

3. STRATEGY FOR TENDER TECHNICAL EVALUATION

3.1 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

CONTROLLED DISCLOSURE

3.2 TET Members**Table 2: TET MEMBERS**

TET number	TET Member Name	Designation
TET 1	Andre Groenewald	Senior Supervisor Tech Chemistry
TET 2	C. Mngqibisa	Snr Chemist
TET 3	Yamkela Mgwebi	Auxiliary Engineer

CONTROLLED DISCLOSURE

3.3 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.	Experience in industrial cleaning.	Contract to submit at least one completion certificate related to industrial cleaning using pressure equipment.	To ensure contractor has minimum experience in industrial cleaning using pressure machine.

3.4 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
				(%)	(%)
	1.1	CONTRACTOR EXPERIENCE The contractor must have experience in industries cleaning of using high pressure water jet.	Previous or current projects that meet the Reference of at least three (3) previous or current projects that meet the minimum requirements. For each project that is referenced the following must be included in the summary as a minimum: 1. Title with short description of the project scope of work. 2. Signed Contract agreement or order number/ signed completion certificate(s).	35	Submission of at least 3 completed similar projects: 0 submission = 0 1 items submission = 2 2 items submission = 4 3 items submission = 5
	1.2	Method statement The contractor outlines their proposed project method statement which fits within the proposed contract period stipulated in the Employer's scope of work.	A detailed method statement is submitted that entails steps approach in executing the clarifier cleaning task that includes the following as a minimum: Detailed Method statement for cleaning offline and online clarifier showing the key following areas: 1. Online Cleaning (when the plant is in service) 2. Offline cleaning (When the plant is off for full access) 3. Equipment to be utilised must be clearly stated in the method statement.	35	Submission of methodology covering all three requirements: 0 submission = 0 1 requirement covered = 2 2 requirements covered = 4 3 requirements covered = 5

Cleaning of Clarifiers at Duvha Power Station

Unique Identifier: **N/A**
Revision: **1**
Page: **9 of 10**

	Qualitative Technical Criteria Description		Tender Returnable	Criteria Weighting	Criteria Sub Weighting
				(%)	(%)
	1.3	Submit programme schedule for cleaning offline and online clarifier.	Submit cleaning programme showing all the critical milestones: 1. Duration of cleaning 2. Offline cleaning programme 3. Online cleaning programme	30	Submission of programme covering all five (5) requirements: 0 submission = 0 1 requirement covered = 2 2 requirements covered = 4 3 requirements covered = 5

3.5 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

4. ACCEPTANCE

Name & Surname	Designation
Andre Groenewald	Senior Supervisor Technical Chemical
Phakamile Ngxekana	Senior Technician Chemistry
Walter Maloma	Senior Supervisor Technical Chemical

5. REVISIONS

Date	Rev.	Compiler	Remarks
September 2026	1	Cecil Mngqibisa	Original

6. DEVELOPMENT TEAM

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

CONTROLLED DISCLOSURE