Eskom	Strategy	Engineering

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CONTENTS

Page

1. INTRODUCTION 3

1.1 SCOPE 3
1.1.1 Purpose 3
1.1.2 Applicability 3
1.2 NORMATIVE/INFORMATIVE REFERENCES 3
1.2.1 Normative 3
1.2.2 Informative 4
1.3 DEFINITIONS 4
1.3.1 Classification 4
1.4 ABBREVIATIONS 4
1.5 ROLES AND RESPONSIBILITIES 5
1.6 PROCESS FOR MONITORING 5
1.7 RELATED/SUPPORTING DOCUMENTS 6

2. TENDER TECHNICAL EVALUATION STRATEGY 6

2.1 TECHNICAL EVALUATION THRESHOLD ..... **ERROR! BOOKMARK NOT DEFINED.**
2.2 TET MEMBERS 7
2.3 MANDATORY TECHNICAL EVALUATION CRITERIA 8
2.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA 8
2.5 TET MEMBER RESPONSIBILITIES 10
2.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS 10
2.6.1 Risks 10
2.6.2 Exceptions / Conditions 11

3. AUTHORISATION 12

4. REVISIONS 12

5. DEVELOPMENT TEAM 12

6. ACKNOWLEDGEMENTS 12

TABLES

Table 1: TET Members 7
Table 2: Mandatory Technical Evaluation Criteria 8
Table 3: Qualitative Technical Evaluation Criteria 8
Table 4: TET Member Responsibilities 10
Table 5: Acceptable Technical Risks 10
Table 6: Unacceptable Technical Risks 11
Table 7: Acceptable Technical Exceptions / Conditions 11
Table 8: Unacceptable Technical Exceptions / Conditions 11

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INTRODUCTION

An outage presents a dynamic work environment with increased operational activities, multiple contractors, and heightened exposure to safety hazards. To mitigate risks associated with plant movements, energized equipment, and high-traffic zones, the deployment of dedicated Safety Spotters is essential.

This document serves as a foundational guide outlining the scope of work for Safety Spotters assigned during the outage. It is designed to ensure consistent understanding of roles, responsibilities, and coordination protocols that support proactive hazard identification and incident prevention throughout the outage period. Establishing this scope is vital for maintaining regulatory compliance, protecting personnel, and promoting a culture of safety across all active work fronts.

SCOPE

The scope covers all outage related activities from ensuring safe and smooth entrance by guiding pedestrians to their respective transports at the designated parking area, watching works in the plant identifying areas that pose a potential to injure a person, negatively affect health, damage to property and cause an environmental or quality incident during planned outages at Tutuka Power Station. The service provider to ensure that their provision of spotters does not negatively affect the outage SHEQ performance by directly causing incidents, having direct influence on the incident and neglecting duties which directly lead to the incident.

- Zero forced shut down for stand down the outage
- Zero incidents as a result of outage poor workmanship

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.

Applicability

This document shall apply to Tutuka Power Station.

NORMATIVE/INFORMATIVE REFERENCES

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

Normative

[1] ISO 9001 Quality Management Systems.

[2] 240-106628253 Standard for welding Requirements on Eskom plants

[3] 240-84979413 Maintenance and Repair of High Temperature and High Pressure valves and Fittings standard

[4] 240-83539994 Standard for Non-Destructive Testing on Eskom plant

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[5] 240-105020315 – Standard for Low Pressure Valves

[6] 240-84513751 – Material Specification and certification Guideline for Power Generation Plant

Informative

N/A

DEFINITIONS

Classification

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

ABBREVIATIONS

Abbreviation	Description
BFPT	Boiler Feed Pump Turbine
CRH	Cold re-heat
HRH	Hot-reheat
HP	High pressure
ISO	International Standard Organisation
IP	Intellectual Property
IPT	Intermediate pressure turbine
IWT	International Welding Technologist
LP	Low Pressure
NDT	Non-Destructive Testing
NCR	Non-conformance report
OEM	Original Equipment Manufacturer
NRV	Assisted Non-Return Valve
PER	Pressure Equipment Regulations
PPE	Personal Protective Equipment
QM	Quality Management
QCP	Quality control plan
QMS	Quality Management System
RH	Re-heater
SANAS	South African National Accreditation System
SANS	South African National Standards
SWL	Safe working load
SOW	Scope Of Work
TET	Technical Evaluation Team

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ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure.

PROCESS FOR MONITORING

The following procedure establishes a disciplined, repeatable monitoring strategy to ensure safety spotters remain effective, compliant, and aligned with outage risk controls.

- **Confirm Deployment and Positioning**
  - Ensures all safety spotters are present, briefed, and positioned according to the risk profile.
  - Verify spotter attendance against the daily deployment roster
  - Confirm spotters are stationed at critical risk zones (lifting areas, mobile equipment routes, confined spaces, high-traffic walkways)
  - Check that each spotter understands their assigned operator, task, and hazard focus
- **Conduct Pre-Task Alignment**
  - Aligns spotters with the operational plan and hazard expectations before work begins.
  - Review the PTW, risk assessment, and SIMOPS schedule with spotters
  - Reinforce key hazards: suspended loads, blind spots, exclusion zones, energy sources
  - Confirm communication methods: radios, hand signals, escalation triggers
- **Perform Continuous Field Monitoring**

  Critical
  - Maintains real-time oversight of spotter performance and hazard conditions.
  - Walk through all active work fronts at defined intervals (e.g., every 60–90 minutes)
  - Observe spotter posture, attentiveness, and line-of-sight positioning
  - Check that exclusion zones are maintained and barricades remain intact
  - Verify that spotters are not distracted (phones, conversations, sitting, etc.)
- **Validate Communication and Intervention Quality**
  - Ensures spotters are actively preventing unsafe acts and responding appropriately.
  - Assess clarity and consistency of hand signals or radio calls
  - Confirm spotters intervene immediately when workers breach exclusion zones
  - Review whether operators acknowledge and respond to spotter instructions
  - Identify any gaps in assertiveness or confidence
- **Record Observations and Non-Conformances**
  - Creates traceability and supports trend analysis for proactive improvement.
  - Capture findings in the daily safety log or digital inspection tool
  - Document positive behaviours and improvement opportunities
  - Record deviations such as absent spotters, poor positioning, or unmonitored lifts
  - Flag high-risk non-conformances for immediate escalation

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- **Provide On-the-Spot Coaching**
  - Strengthens competency and reinforces expected behaviours.
  - Correct unsafe or ineffective behaviours immediately
  - Reinforce correct spotting techniques and hazard awareness
  - Re-brief spotters when task conditions change (e.g., new crane, new contractor, weather changes)
- **Escalate and Re-assign as Needed**
  - Ensures continuity of safe operations when conditions or performance change.
  - Replace fatigued, distracted, or underperforming spotters
  - Request additional spotters when SIMOPS density increases
  - Escalate repeated non-compliance to the contractor supervisor and outage manager
- **Conduct End-of-Shift Review**
  - Closes the loop by analysing performance and preparing for the next shift.
  - Review spotter performance trends with supervisors
  - Update the deployment plan for the next shift based on risks and lessons learned
  - Capture improvement actions for toolbox talks and morning safety briefings

RELATED/SUPPORTING DOCUMENTS

[1] 240-53716746: Tender Technical Evaluation Report Template

[2] 240-53716712: Tender Technical Evaluation Results Form Template

[3] 240-53716726: Tender Technical Evaluation Scoring Form Template

TENDER TECHNICAL EVALUATION STRATEGY

The evaluation criteria will be based upon a single step process:

Mandatory Criteria

No Mandatory Evaluation criteria

Qualitative Technical Evaluation Criteria

Tenderers that have met the Mandatory Evaluation Criteria shall be evaluated against the Qualitative

Criteria. The scoring of qualitative criteria shall be based on the degree of achievement by the tenderer to meet the technical requirements. A score shall be allocated as per Table 2: Qualitative Evaluation Criteria Scoring Table, for each technical qualitative criterion. Each TET member shall populate a Tender Technical Evaluation Scoring Form for each tenderer. Note: Individual Qualitative Criteria scores shall only be finalised after all clarification sessions have been concluded.

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Table 1: Qualitative Evaluation Criteria Scoring Table

Score	Percentage	Description
5	100	Meets Employer's requirements: no errors, risks, weakness or omissions
4	80	Meets Employer's requirements with qualifications: some qualifications required from tenderer to eliminate the errors, risks, weaknesses, or omissions
2	40	Substantially does not meet Employer's Requirements: many errors, risks, weaknesses or omissions which may be difficult to be corrected or overcome and make acceptable.
0	0	Totally deficient / non-responsive
Note 1: The scoring table does not allow for scoring of 1 and 3. Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

3.3 QUALITATIVE TECHNICAL EVALUATION THRESHOLD

A minimum overall weighted score (threshold) of **70%** is required for a tender to be considered responsive from a technical perspective.

TET MEMBERS

Technical evaluation will be done by the member listed on table below:

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Mzee Linganiso	Senior Advisor Outage Coordination
TET 2	Njabulo Mkhwanazi	Safety Officer
TET 3		
TET 4		

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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.	None	Not applicable	Not applicable

QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

Item	Description	Weight	Reason	Tender Returnable	Score	Total (Weight x Score)
1	**Capability, Experience and Track Record of the Bidder in the delivery the services**	**40%**	**To confirm that the bidder has sufficient experience, proven capability, and a successful track record in the provision of a similar service**	**Bidders must submit reference letter(s), on client letterheads, providing contactable references for similar contracts, demonstrating relevant experience in the provision of a similar service.** **Each reference letter must clearly confirm the following:** • **the bidder's role in a similar project** • **the project value** • **the duration of the project, including start and completion dates** • **successful completion of the project or contract.** **Scoring Criteria:** • Valid and detailed reference letter/s submitted, with a cumulative experience of more than five (5) years: **5 Points** • Valid and detailed reference letter/s submitted, with a cumulative experience of at least four (4) years and up to five (5) years: **4 Points** • Valid and detailed reference letter/s submitted, with a cumulative experience of at least two (2) years and less than four (4) years: **2 Points** • No reference letters submitted, or reference letter/s submitted with a cumulative experience of less than two (2) years: **0 Points**		

2.	**Safety Spotters**	**40%**	**To ensure allocated personnel are properly trained, competent, and able to deliver consistent, safe, and high-quality service.**	**The Bidder is required to submit a list of all the required Safety Spotters to be allocated to the project in accordance with the Service Information. Each Safety Spotter must possess, as a minimum, a Grade 12 certificate, SAMTRAC qualification, and a minimum of three (3) years' related experience. The maximum number of Safety Spotters required for the contract is thirty (30).** **Scoring Criteria:** • **Score 5:** Bidder has submitted a list of twelve (12) names, twelve (12) CVs, and **Clear and Certified proof of qualifications** for the full required number of Safety Spotters, each meeting the minimum requirements of Grade 12 and a minimum of three (3) years' related experience, with more than half of the proposed Safety Spotters holding a B Degree or National Diploma qualification. • **Score 4:** Bidder has submitted a list of twelve (12) names, twelve (12) CVs, and **Clear and Certified proof of qualifications** for the full required number of Safety Spotters, each meeting the minimum requirements of Grade 12, SAMTRAC, and a minimum of three (3) years' related experience. • **Score 0:** No submission provided.		
3	**Contingency plan**	**20%**	**To ensure the Service Provider can maintain uninterrupted service under various circumstances, minimizing risks and guaranteeing continuity of operations.**	**The Service Provider is required to submit a detailed contingency plan outlining how uninterrupted service delivery will be maintained. The bidder must clearly indicate the measures to be implemented to ensure continuity of service.** **Scoring:** • Contingency plan submitted adequately covers Industrial Strike, Sick Leave, Maternity Leave, Family Responsibility Leave, and Annual Leave: **5 Points** • No contingency plan submitted, or the submitted plan does not address all the specified circumstances: **0 Points**		

TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5
1	X	X			
2	X	X			
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**
1	X	X			
2	X	X			

FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

RISKS

Table 6: Acceptable Technical Risks

Risk	Description
1.	Minor adjustments to shift arrangements or deployment schedules without impacting
2.	Use of additional subcontracted Safety Spotters, subject to compliance with qualification and experience requirements.

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Inadequate staffing levels or lack of suitably qualified personnel.
2.	Failure to comply with statutory, safety, environmental, or technical requirements.
3.	
4.	

Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Clarifications on ambiguous technical requirements that do not alter the scope of work.
2.	Minor deviations with no impact on functionality, quality, safety, or performance.
3.	Administrative conditions that do not conflict with the contract or Service Information

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Exceptions to mandatory technical, safety or statutory requirements.
2.	Conditions that transfer technical, operational, or commercial risk to the Employer.
3.	Deviations that compromise service quality, performance, reliability, or project delivery.

AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Mzee Linganiso	Snr Advisor Outage Coordination

REVISIONS

Date	Rev.	Compiler	Remarks
May 2026	0	Sicelo Nkosi	New Document

DEVELOPMENT TEAM

N/A

ACKNOWLEDGEMENTS

N/A

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