Eskom	Strategy	Engineering

Title:	**Tender Technical Evaluation Strategy: Provision of Specialised Turbine and Generator Inspectors for Outage Improvement**	**N/A** **Kusile Power Station** **Outages** **1** **17** **May 2029** **CONTROLLED DISCLOSURE**

Compiled by	Supported by	Authorised by
.....	.....	.....
Nondumiso Khumalo **Snr Advisor Coordinator**	**Ntsiki Hlapisi** **Outage Execution Manager**	**Siyabonga Mahaye** **Outage Manager**
Date: 08/12/2025	Date: 08/01/2026	Date: 09/01/2026 .....

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TABLES

1. INTRODUCTION

An invite will be issued calling for interested parties to participate in the tender process for the Provision of Specialised Turbine and Generator Inspectors for Outage Improvement and describes the detail of applicable plant areas, scope of work, standards, quality, requirements, specification, terms & conditions as well as the criteria to qualify for the tender.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document describes the technical evaluation criteria, team members and requirements for Kusile Power Station Provision of Specialised Turbine and Generator Inspectors for Outage Improvement during unit 1 MGO

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

2.1.1 Effective date

This document is effective from authorisation date.

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] 240-48929482 Tender Technical Evaluation Procedure

[2] 32-1034 Eskom Procurement Policy

[3] 240-53716746 Tender Technical Evaluation Report Form Template

[4] 240-53716712 Tender Technical Evaluation Results Form Template

[5] 240-53716726 Tender Technical Evaluation Scoring Form Template

[6]240-105776552 Kusile Power Station Waste Management Work Instruction

[7]ISO 9001 Quality Management Systems

[8] 240-83797737 In-Service Monitoring of Lubricating Oils and Hydraulic Fluids

[9] National Environmental Management Waste Act No 26 of 2014

[10] National Environment Management Act No 14 of 2009

[11] Occupational Health and Safety & Regulations Ac No 85 of 1993

2.2.2 Informative

Kusile outage 12 months philosophy

2.3 DEFINITIONS

2.3.1 Contractor:

Service provider contracted for supplying specific service to Eskom Power Station

2.3.2 Employer

Eskom, or Eskom Kusile Power Station

2.3.3 Controlled Disclosure

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

2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
SE	System Engineer
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
BU	Business Unit
COC	Certificate of Compliance
KPA	Key Performance Area
KPI	Key Performance Indicator
MSDS	Material Safety Data Sheet
PCLF	Planned Capacity Loss Factor
PM	Plant Management
PPE	Personal Protective Equipment
PS	Power Station
PSR	Plant Safety Regulations
PTW	Permit to Work
ISO 55000	International Standard for the Management pf Physical Assets
QA	Quality Assurance
QC	Quality Control
QCP	Quality Control Plan
QMP	Quality Management Programme
SABS	South African Bureau of Standards

Abbreviation	Description
SANS	South African National Standards
SAP	Systems, Applications, Products (Plant Maintenance, Procurement, Finance and Materials Management) Integrated computer system
SHE	Safety, Health, Environment
SOW	Scope of Work
UCF	Unit Capability Factor
UCLF	Unplanned Capability Loss Factor
URS	User Requirement Specification

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2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be governed by the Tender Technical Evaluation Procedure (240-24892948) this entails assuring that the design achieves the requirements set out in this document. Any changes to this document will be performed as per Project Engineering Change Management Procedure (240-53114026)

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. ACCEPTANCE

This document has been seen and accepted by

Name	Designation
Ntsiki Hlapisi	Outage Execution Manager
Mduduzi Ngwenya	Planning Manager
Siyabonga Mahaye	Outage Manager
Ntsiki Hlapisi	Outage Execution Manager

4. REVISIONS

Date	Rev	Compiler	Remarks

5. DEVELOPMENT TEAM

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

1. Nondumiso Khumalo
2. Maxwell Dlamini
3. Siyabonga Mahaye
4. Ntsiki Hlapisi
5. Mduduzi Ngwenya

5.1 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Nondumiso Khumalo	Snr Advisor Coordinator
TET 2	Maxwell Dlamini	Project Coordinator
TET 3	Khazamula Xivuri	Turbine System Engineer

5.2 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	**Reference to Technical Specification / Tender Returnable**	**Motivation for use of Criteria**
1.	ISO 9001 Quality Management Certification	The service provider must produce a valid and validated ISO 9001 certificate. If the provided document is not certified, they will be disqualified.	To ensure a clean, controlled environments, document inspection and testing procedures and traceable record-keeping and quality control
2.	Past quality performance on similar projects	Awards awarded related to Quality in similar scope (minimum of 3)	To ensure that the service provider can deliver to the required standard

5.3 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Functionality Criteria	**Total Weight (100%)**	**Tenders will be expected to score at least the minimum threshold (70%) per functional area to proceed to the next phase**
	1. Company Experience **2.1 Company Background and Experience** Years of experience in providing QC services for power generation, oil & gas, or heavy industry. Experience with OEMs (GE, Siemens, Alstom, Mitsubishi). Proven performance with utilities (e.g., Eskom, Sasol, Transnet). **3%** – 0 to 1 year experience **6%** - 2 years' experience **9%** -3 years' experience **12%** – 4 years' experience **15%** – 5 or more years' experience	15%	
2.	**2. Technical Capability & Resources** Availability of qualified QC Inspectors and NDT technicians. Access to calibrated equipment and OEM procedures. **2.1 Qualifications** Diploma or Degree in Mechanical/Electrical/Industrial Engineering. Recognized QC/NDT certifications (SNT-TC-1A, PCN, SAQCC). ISO 9001 Lead Auditor certification advantageous.	20%	

	Diploma or Degree in Mechanical/Electrical/Industrial Engineering – 10% Recognized QC/NDT certifications (SNT-TC-1A, PCN, SAQCC – 5% Lead Auditor certification – 5% 3 off technicians required ***NB: All submitted qualifications must be certified*** **2.2 Experience** Minimum 5 years' experience in turbine/generator QC. Familiar with OEM procedures and outage environments. **3%** – 0 to 1 year experience **6%** – 2 years' experience **9%** – 3 years' experience **12%** – 4 years' experience **15%** – 5 or more years' experience	15%	
	3. Method statement Availability of QC procedures, ITPs, QCPs, NCR and CAR (Corrective Action Request) systems **3.1 QC procedure – 10%** Provide documented evidence of established and approved Quality Control procedures implemented for turbine and generator inspection, maintenance, and repair activities - Controlled and approved QC Procedures Manual (with revision control) - Procedure references aligned with applicable standards (e.g. ISO 9001, ASME, API, OEM guidelines) **3.2 Inspection and Test Plans (ITPs)- 10%** Provide sample or approved ITPs demonstrating inspection checkpoints,	**40%**	

	hold points, witness points, and acceptance criteria. **3.3 Quality Control Plans (QCPs) – 10%** Submit a sample or approved Quality Control Plan outlining the planned inspection sequence, control methods, and documentation requirements per project. **3.4 Corrective Action Request (CAR) System 10%** Demonstrate the existence and application of a CAR System that ensures corrective and preventive actions are properly tracked, verified, and closed.		
	4. Project References & Client Feedback Proven record of turbine/generator inspections, client references, and repeat business. - Provide references from key clients that can verify performance, quality, and compliance standards (Reference letter with stamp from key client) **(3%)** - Demonstrate client retention and continued engagement through repeat contracts or long-term service agreements **(2%)** - Provide detailed evidence of previous turbine and generator inspection assignments carried out within the past 5–10 years in a tabular form include- **client/company name, equipment type, scope of work, year competed, Outcome/remarks – (5%)** **Supporting documents:** - Completion certificates or client acceptance letters - Letters or testimonial - Photographic or inspection report excerpts (non-confidential sections)	**10%**	

	- Contract award or renewal letters **All references must be accompanied by supporting documents, no references will be accepted without supporting documents.**		

TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET n**
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET n**

5.4 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

5.4.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	None
2.	

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Lack of experience in lubrication services
	Lack of experience in purifier operator

5.4.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**None**

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**None**

6. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Ntsiki Hlapisi	Outage Execution Manager	
Mduduzi Ngwenya	Planning Manager	
Siyabonga Mahaye	Outage Manager	

7. REVISIONS

Date	Rev.	Compiler	Remarks

8. DEVELOPMENT TEAM

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

- Ntsiki Hlapisi
- Nondumiso Khumalo
- Siyabonga Mahaye
- Mduduzi Ngwenya

9. ACKNOWLEDGEMENTS

- **N/A**