Eskom	Tutuka Power Station Strategy	Engineering

Title: **Tender Technical Evaluation Strategy for Boiler and Turbine Plant 60 Months Cleaning Contract During Outages**

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1. INTRODUCTION

Eskom Tutuka Power Station intends to request Contractors/Suppliers to tender for boiler and turbine cleaning services during outages as per 15ENG GEN-3015: Scope of Work for Boiler and Turbine Plant 60 Months Cleaning Contract During Outages. The evaluation of the of the tender is based on the tenderer's ability to meet both mandatory and qualitative requirements specified for the scope of work. A weighted score card approach will be used to evaluate the tenders against the Eskom's requirements.

2. SUPPORTING CLAUSES

2.1 SCOPE OF WORKS

Tutuka Power Station requires cleaning services for the boiler and turbine plant during outages to ensure a safe and clean working environment for all Tutuka Power Station employees and contractors working around the boiler and turbine plant. This will assist the operating department with keeping Tutuka Power Station a clean and conducive environment to work in. The technical evaluation strategy for the Boiler and Turbine Plant 60 Months Cleaning Contract During Outages at Tutuka power station .

2.1.1 Purpose

The purpose of this document is to provide a technical evaluation strategy for Boiler and Turbine Plant 60 Months Cleaning Contract During Outages. This document will cover the various aspects that will be evaluated and scored by the Technical Evaluation Team (TET) to complete the technical evaluation of the enquiry. The team members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- TET Member Responsibilities
- Acceptable / Unacceptable Qualifications

2.1.2 Applicability

This document applies to Tutuka Power Station.

2.1.3 Effective Date

When the document is authorised.

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] 15ENG GEN-3015 Scope of Work for Boiler 60 Months Cleaning Contract During Outages

[3] 32-1034: Eskom Procurement and Supply Chain Management Procedure.

[4] 32-1033: Eskom's Procurement and Supply Chain Management Policy.

[5] 240-53114186: Document and Records Management.

[6] 240-53665024: Engineering Quality Manual.

[7] GGR 0992 Plant and Safety Regulation

[8] 240-150642762: Generation Plant Safety Regulation

2.2.2 Informative

[9] ISO 9001 Quality Management Systems.

[10] ISO 4500 Occupational Health and Safety Management Systems

[11] ISO 14001 Environmental Management Systems

2.3 DEFINITIONS

None

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
BFPT	Boiler Feed Pump Turbine
DA	Deaerator
DHP	Dust Handling Plant
DST	Deaerator Storage Tank
FD	Forced Draught
ID	Induced Draught
LH	Left Hand
LP	Low Pressure
HP	High Pressure
PA	Primary Air
PF	Pulverised Fuel
PS	Power Station
RH	Right Hand
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

All responsibilities have been defined in the Engineering Evaluation Procedure (240-48929482).

2.6 PROCESS FOR MONITORING

N/A.

2.7 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

3. TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

There is mandatory technical evaluation criterion. A weighted score-card approach is used to evaluate the technical compliance of the supplier against the specifications or ability to perform boiler and turbine cleaning services. The minimum weighted final score (threshold) required for the Contractor to be considered from a technical perspective is **70%**.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Nkosinathi Mashele	Engineer Boiler Plant Engineering
TET 2	Henry Hlatshawayo	Engineer Boiler Plant Engineering
TET 3	Itumeleng Uyangaphi	Engineer Boiler Plant Engineering
TET 4	Omphemetse Khupari	Engineer Turbine Plant Engineering
TET 5	Mahlatse Lepatla	Engineer Turbine Plant Engineering

3.3 TECHNICAL EVALUATION CRITERIA

3.3.1 Qualitative Technical Evaluation Criteria

Table 2: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Score		Criteria Sub Weighting (%)
1.	**Method Statement**			**30**			
	1.1.	**Method Statement** Provide a method statement demonstrating understanding of the scope of work. The method statement shall clearly cover the following key points. • Detailed work sequence and scope execution. • Detailed access and fall protection plan. • Material handling • Quality control and inspections • Environmental consideration • Health and Safety measures	To show understanding of the scope of work and competency to execute the works as per the scope. Provide Method Statement		5	Method Statement is detailed and clearly addresses all key points of the scope	
					4	Method Statement is submitted but does not clearly address all key points	
					2	Method Statement is submitted addresses only one key point	
					0	Method statement not submitted	
2.	**Cleaning Requirements**			**25**			
	2.1	**Experience: Previous Similar Cleaning Projects** The contractor or sub-contractor shall provide at least 3 previously completed projects for industrial cleaning services projects. Signed (by all parties involved) completion certificates/letters. The completion certificate/letter shall reflect the following information • Project name • Principal contractor • Client • Description of work performed (nature of the work) • Project cost (only for scope completed) • Project start and end date or Duration. • Name, designation and contact number of references person. Where completion certificate/letter does not also have the information as requested above the tenderer shall submit the completion certificate/letter with signed contract supporting documents such as Purchase Orders, agreement letters or contract.	Completion certificates/ letters		5	Submitted 3 or More Previously Completed Projects	
					4	Submitted 2 Previously Completed Projects	
					2	Submitted 1 Previously Completed Project	
					0	No Proof of Experience Submitted	

3.	**Personnel**			**25**			
	3.1	**Site Manager** This covers the general experience of the proposed Site Manager for the Projects with Minimum qualification of National Diploma with 5 years of experience in industrial cleaning	Site Manager is to ensure all work is managed in a safe and productive manner as per the contract Provide CV and Qualifications		5	National Diploma or Higher with 5 or more years' experience	40
					4	National Diploma or Higher with 3 to 4 years' experience	
					2	National Diploma or Higher with 1 to 2 years' experience	
					0	National Diploma or Higher with less than 1 years' experience	
	3.2	**Rope Access Supervisor** A qualified rope access supervisor. Submission of a level 3 rope access certificate with a CV reflecting at least 5 years of experience of rope access related works.	CV and qualification		5	Level 3 rope access certificate with 5 or more years' experience	40
					4	Level 3 rope access certificate with 3 to 4 years' experience	
					2	Level 3 rope access certificate with 1 to 2 years' experience	
					0	No CV or Qualification Submitted	
	3.3	**Rope Access Technician** A qualified rope access technician. Submission of a level 3 rope access certificate with a CV reflecting at least 3 years of experience of rope access related work.	CV and qualification		5	Level 3 rope access certificate with 3 or more years' experience	20
					4	Level 3 rope access certificate with 2 years' experience	
					2	Level 3 rope access certificate with 1 year's experience	
					0	No CV or Qualification Submitted	
4.	**Plant and Equipment**			**20**			
	4.1	**Inventory List** An inventory list is to be provided in line with the scope of work. The list should include at minimum the key plant such as the Super sucker Vacuum Truck and Bobcat.	Inventory list, with datasheets for each plant/equipment.		5	Inventory list submitted, includes Super Sucker Vacuum truck and Bobcat.	
					4	Inventory list submitted with a Super Sucker Vacuum truck but does not have a Bobcat	

					2	Inventory list submitted but does not have a super Sucker Vacuum truck.	
					0	No Inventory list Submitted or submitted inventory list does not have a Super Sucker Vacuum truck and Bobcat.	
		TOTAL: 100					

Table 3: Qualitative Evaluation Criteria Scoring Table

Score	(%)	Definition
5	100	**COMPLIANT** • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** • Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.
2	40	**NON-COMPLIANT** • Does not meet technical requirement(s) AND/OR; • Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	0	**TOTALLY DEFICIENT OR 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.		

4. TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5
N/A					
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**
1.	X	X	X	X	X
2.	X	X	X	X	X
3.	X	X	X	X	X
4.	X	X	X	X	X

5. FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

1. Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	None.

Table 6: Unacceptable Technical Risks

Risk	Description
1.	None.

2. Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None.

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None.

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6. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Henry Hlatshawayo	Boiler Engineering – System Engineer
Itumeleng Uyangaphi	Boiler Engineering – System Engineer
Omphemetse Khupari	Turbine Engineering – System Engineer
Mahlatse Lepatla	Turbine Engineering – System Engineer
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7. REVISIONS

Date	Rev.	Compiler	Remarks
April 2026	1	Nkosinathi Mashele	Technical Evaluation Strategy for Boiler and Turbine Plant 60 Months Cleaning Contract During Outages

8. DEVELOPMENT TEAM

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

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9. ACKNOWLEDGEMENTS

Not Applicable.