

	Strategy	Operating
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Title: **Tender Technical Evaluation
Strategy for Tutuka Power
Station Boiler & Turbine Plant
Industrial Cleaning**

Unique Identifier:

Alternative Reference Number: **N/A**

Area of Applicability: **Operating**

Documentation Type: **Strategy**

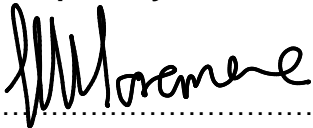
Revision: **1.0**

Total Pages: **12**

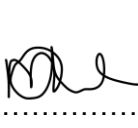
Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED
DISCLOSURE**

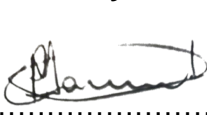
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Date: **08.07.2022**

Date: **08.07.2022**

Date: **2022.07.08**

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1. INTRODUCTION

Through various criteria and qualitative processes, potential contractors are evaluated for eligibility. The evaluation is to ensure the best contractor's capabilities, in all set criteria, is selected with the intention of saving costs, mitigating risks as well as ensuring high quality in the execution of the works. In addition the mentioned benefits, setting criteria for evaluation also eliminates contractors complaints with company, industry or state standards or regulations.

In most cases, contractors are evaluated on the technical eligibility to execute the scope with highest quality while complying with applicable standards and regulations, compliance with health, safety and environmental standards and regulations, costing of the provision of goods and services to eliminate hidden costs and realise competitive pricing and also on the commercial aspect to ensure compliance with the Company's Act of South Africa, alignment of the contractors business practices with those on the employer and compliance government commercial and procurement policies.

1.1 SCOPE

The scope of this document is to capture the technical tender evaluation strategy for Tutuka Power Station for Industrial Station Cleaning in the Boiler & Turbine Plant. The criteria to evaluate technically are set along with the target score.

1.1.1 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 to ensure good housekeeping and compliance with procurement policies.

1.1.2 Applicability

This document applies to the Tender Evaluation Team for the Tutuka Power Station chain supplies.

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] 240-48929482: Tender Technical Evaluation Procedure
- [2] 240-48929482: Tender Technical Evaluation scoring form template
- [3] ISO 9001:2015: Quality Management Systems
- [4] 32-1034 Eskom Procurement Policy

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1.2.2 Informative

N/A

1.3 DEFINITIONS

Term	Explanation
Inspection	Activities, which by means of examination, observation or measurement, determine the conformance of material, parts, components etc., to predetermined specifications and quality requirements.
Maintenance	A combination of all technical, administrative and managerial actions during the life cycle of an item intended to retain it in, or restore it to, a condition in which it can perform its required function.
Control Disclosure	Controlled Disclosure to external parties (either enforced by law, or discretionary)

1.4 ABBREVIATIONS

Abbreviation	Description
TUT	Tutuka Power Station
NCC	National Cleaning Certificate
SOW	Scope Of Work
SHEQ	Safety, Health, Environment and Quality
TET	Technical Evaluation Team

1.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

1.6 PROCESS FOR MONITORING

Key Performance Indicators

1.7 RELATED/SUPPORTING DOCUMENTS

None

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2. TENDER TECHNICAL EVALUATION STRATEGY

2.1 TECHNICAL EVALUATION METHOD

A weighted scorecard approach is used to evaluate the technical compliance of the tenders against the specifications. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation.

The technical criteria and weighting is broken down as follows:

a) Technical: 100%

The evaluation of the tender submission will be based on the tenderer's ability to meet the requirements as indicated in the Mandatory Technical Criteria (**Stage 1**) and Qualitative Technical Criteria (**Stage 2**). A weighted score card approach will be used to evaluate the tender submission against the specifications and Employer's requirements. The scoring method will be as follows:

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet technical requirement(s) AND;• No foreseen technical risk(s) in meeting technical requirements.
4	70	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet technical requirement(s) with;• Acceptable technical risk(s) AND/OR; <input type="checkbox"/> Acceptable exceptions AND/OR; <input type="checkbox"/> Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none"><input type="checkbox"/> Does not meet technical requirement(s) AND/OR; Unacceptable technical risk(s) AND/OR; <input type="checkbox"/> Unacceptable exceptions AND/OR; <input type="checkbox"/> Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE

The evaluation scores will be weighted as follows according to disciplines:

Technical (100%)	
Boiler & Turbine Plant Industrial Cleaning	100%
	100%
Project Management (N/A)	
TOTAL (100%)	

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Overall minimum threshold for qualification (70%)
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2.2 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

2.3 TET MEMBERS

Table 1: TET Members

TET number : Section to be evaluated	TET Member Name	Designation
TET 1	Muzi Maseko	Operating Support Manager
TET 2	Elvis Maremene	Technical Plant Owner
TET 3	Lindani Masondo	Technical Support Manager

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2.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory technical evaluation

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Proven Plant Industrial cleaning experience	Proof of Similar Previous work conducted	To ensure that company is competent to conduct Industrial cleaning at the Boiler & Turbine Plant
2.	National Contract Cleaners Association Registration & Membership	Proof of Company NCCA registration & membership	To ensure supplier complies and have adequate requirements for acceptable standards

2.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

TECHNICAL EVALUATION CRITERIA	TENDER RETURNABLE	WEIGHT (%)	POINTS	SCORE
1. Company Experience				
Number of years that the company has been conducting Industrial Cleaning Of Boiler & Turbine Plant as per the Scope Of Work	Provided proof of previous similar activities done with references.	25		
5 Years +			25	
4 – 5 Years			20	
3 – 4 Years			15	
2 – 3 Years			10	
1 – 2 Years			05	
2. Personnel Experience				
2.1 Site Manager's industrial cleaning experience with traceable and contactable references	CV of each team members and certificates	15		
5 Years +			20	
3 – 4 Years			10	
2 – 3 Years			05	
2.2 Supervisor's industrial cleaning experience with traceable and contactable references	CV of each team members and certificates	15		

3 Years +			20	
2 – 3 Years			10	
1 – 2 Years			05	
2.3 Safety Officer's industrial cleaning experience with traceable and contactable references	CV of each team members and certificates	15		
National Diploma in Safety Management, SAMTRAC, 3 Years +			20	
National Diploma in Safety Management, 2 – 3 Years			10	
Grade 12 with SAMTRAC 1 – 2 Years			05	
3. Execution				
3.1 Method Statement	Detailing Execution Method	30		
1. Method of cleaning per plant area Submission in line with SOW = 5 Not In line with SOW = 2 Not Submitted = 0	This must include Boiler & Turbine areas and Recovery Sumps, Trenches and drains		05	
2. Cleaning Intervals and number of People allocated per plant area Submission in line with SOW = 5 Not In line with SOW = 0 Not Submitted = 0	Cleaning intervals and number of people allocated to Boiler & Turbine Plant cleaning per plant		05	

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3. Industrial Cleaning Equipment to be used per plant area 3.1 Diesel Vacuum Truck (10m3) x2 3.2 TLB x1 3.3 Tipper truck x2 3.4 Bobcat x3 3.5 Diesel slurry pump x1 3.6 Electric vacuum unit with collecting vessel x1 Submission in line with SOW = 10 Not Submitted = 0	All equipment that will be used shall be listed. Lease agreement letter stating all the equipment is if the equipment's will be hired or proof of ownership required as per SOW		10	
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2.6 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
1. Elvis Maremene	X	X	X
2. Muzi Maseko	X	X	X
3. Lindani Masondo	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3
1. Muzi Maseko	X	X	X
2. Elvis Maremene	X	X	X
3. Lindani Masondo	X	X	X

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2.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.7.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A
2.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	The company that does not have experience on the Boiler & Turbine Plant Industrial Cleaning
2.	Inexperience team
3.	N/A
4.	N/A

2.7.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	The proof of working in the similar systems that covers Boiler & Turbine Plant

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Zero experience on the Boiler & Turbine Plant Industrial Cleaning

3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Elvis Maremene	Technical Plant Owner	
Muzi Maseko	Operating Support Manager (Acting)	
Oupesh Motlhabane	Operating Manager (Acting)	

4. REVISIONS

Date	Rev.	Compiler	Remarks
November 2021	0.1	E Maremene	Draft document for comment
November 2021	1	E Maremene	Approval

5. DEVELOPMENT TEAM

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

- Elvis Maremene
- Muzi Maseko

6. ACKNOWLEDGEMENTS

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