

Title: **Tender Technical Evaluation Strategy for Control, Co-ordination and Performance of Quality Control Activities and Physical Inspections Contract at Tutuka Power Station for a Period of 5 Years.**

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1. INTRODUCTION

This document establishes the technical evaluation strategy for the evaluation of suppliers that will be tendering in response of a request to provide Quality Control and Performance of Physical Inspections on Outages (Planned and Unplanned), Maintenance and Project activities at Tutuka Power Station for a period of 5 years. This technical evaluation strategy includes a detailed scope of works/supply, mandatory and qualitative technical evaluation criteria. Technical evaluation criteria list all the key aspects that will be used to adequately assess submitted returnable in order to find a suitable supplier to render the services required. Furthermore, it will ensure transparency in the evaluation process as per the requirements set out in the Generation Tender Engineering Evaluation Procedure (240-168966153). The contract will provide independent quality oversight to improve compliance, reduce rework, improve outage execution quality, and ensure adherence to engineering standards.

1.1 SCOPE

The scope of this document is to capture the Technical Tender Evaluation Strategy (TTES) for the Quality Control Contract. The required work is for the provision of resources to Control, Co-ordinate and Perform Quality Control Activities and Physical Inspections during Maintenance, Outages and Projects.

1.1.1 Purpose

The purpose of this TTES is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria, and to define the TET member responsibilities for tender technical evaluations. The TTES serves as the basis for the tender technical evaluation process.

1.1.2 Applicability

This document applies to the TET of Tutuka Power Station for the Quality Control transaction and procurement supply chain enquiries.

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] 240-53716726: Tender Technical Evaluation Scoring Form Template.
- [3] 559-1320012932: Scope of Work, Quality Control Contract

1.2.2 Informative

- [4] 240-53716746: Tender Technical Evaluation Report

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1.3 DEFINITIONS

1.3.1 Classification

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

1.4 ABBREVIATIONS

Table 1: Abbreviations

Abbreviation	Description
ISO	International Standards Organization
IWI	International Welding Inspector
IWP	International Welding Practitioner
IWS	International Welding Specialist
QCP	Quality Control Plan
QMS	Quality Management System
SANS	South African National Standards
SoW	Scope of Work
SHEQ	Safety, Health, Environment and Quality
TET	Technical Evaluation Team
TTES	Technical Tender Evaluation Strategy

1.5 ROLES AND RESPONSIBILITIES

- As per Tender Technical Evaluation Procedure [1].

1.6 PROCESS FOR MONITORING

Not Applicable.

1.7 RELATED/SUPPORTING DOCUMENTS

Not Applicable.

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2. TENDER TECHNICAL EVALUATION STRATEGY

2.1 TECHNICAL EVALUATION METHOD^{[1][2][4]3}

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the requirements. Tenderers need to have a weighted score of 70% overall or above 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 Engineering requirements. 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:

Table 2: Scoring Method

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS & PROFESSIONAL BODIES • 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.		

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The evaluation scores will be weighted as follows:

Table 3: Evaluation Score Weighing

Technical (100%)		
1	Proven track record of providing Quality Control Services	25%
2	Team experience	50%
3	Technical proposal on the provision of Quality Control Services	25%
		100%
TOTAL (100%)		
Overall minimum threshold for qualification (70%)		

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 4: TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1	Armando Mathebula	Technical Support Manager
TET 2	Kea Merementsi	Senior Advisor, Quality Engineering
TET 3	Lebogang Ramphago	Turbine Engineering Manager
TET 4	Mosiuaa Mona	Senior Advisor, Maintenance

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2.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 5: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	ISO 9001:2015 QMS Certified	Verifiable Valid ISO 9001:2015 Certificate with the following scope or similar: "Provision of Quality Control and Inspection Services, including Mechanical, Electrical, Control & Instrumentation, Civil and Structural Quality Control, Welding Inspection, Documentation Control, Material Verification, Inspection and Test Plan (ITP) implementation, Non-Conformance Management, Quality Surveillance and Final Acceptance Inspection for Maintenance, Planned and Forced Shutdowns, Refurbishment and Capital Projects."	The scope of work to be executed is a high priority which requires the tenderer to be aligned and certified with ISO 9001:2015 on Quality Control and Inspection Services.

2.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 6: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Evaluation Scoring Breakdown			
					0	2	4	5
1.	General		25					
1.1	Contractor's relevant Quality Control experience: Provide list of verifiable references. The Contractor must submit evidence of reference projects with the following information: ▪ Project Name ▪ Description of work performed ▪ Project start and end date ▪ Name, designation and contact number of the reference person	Tender Returnable: List of completed projects in Previous Projects Template (Appendix A)		75	No work done on previous projects of similar scope or no submission made	Work conducted on 1 - 2 projects of similar scope	Work conducted on 3 projects of similar scope	Work conducted on more than 3 projects of similar scope
1.2	Tenderer to submit a project organogram reflecting the key staff required for the works. Organogram provided should consider the as and when required resources.	Project Organogram		25	No submission made	Submitted project organogram does not align to the resources as per the Project SoW	Submitted project organogram aligns to part of the resources as per the Project SoW	Submitted project organogram aligns to all the resources as per the Project SoW

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2.	Personnel Experience and Qualifications as specified in the SOW.		50					
2.1	Tenderer to submit the CV of the Quality Supervisor as stated on the project organogram. Must have attended QC training (attach certificates), demonstrate QMS and Auditing knowledge with 5 years QA/QC experience. NEC Training advantageous.	Qualification and Experience Requirements		40	No submission made	Less than 5 years relevant experience	5 years relevant experience with a QMS Certificate	More than 5 years relevant experience with both QMS and Auditing Certificates.
2.2	Tenderer to submit the CVs of the Mechanical Quality Inspectors as per the project organogram. Number of personnel with demonstrated knowledge of plants and items listed in Section 4.3 of the SoW and Qualification and Experience Requirements Table	Qualification and Experience Requirements		30	Less than 4x Mechanical Quality Inspectors with demonstrated knowledge of 6 - 9 plants/items listed in the SoW coupled to less than 3 years' Experience.	Less than 4x Mechanical Quality Inspectors with demonstrated knowledge of 6 - 9 plants/items listed in the SoW coupled to more than 3 years' Experience.	4x Mechanical Quality Inspectors with demonstrated knowledge of at least 9 plants/items listed in the SoW coupled to more than 6 years' Experience.	4x Mechanical Quality Inspectors with demonstrated knowledge of all plants/items listed in the SoW coupled to more than 6 years' Experience.

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2.3	Tenderer to submit the CVs of the Welding Quality Inspectors as per the project organogram. Number of personnel with SAIW Level II or IIW (IWI- C) or IIW (IWI- S), 3 years Welding QC Experience and ISO 9001:2015 and ISO3834 Standards Knowledge	Qualification and Experience Requirements		30	Less than 2x Welding Quality Inspectors meet requirements.	2x Welding Quality Inspectors meet all requirements with less than 3 years Welding QC Experience.	4x Welding Quality Inspectors meet all requirements with 3 years Welding QC Experience.	6x Welding Quality Inspectors meet all requirements with more than 3 years Welding QC Experience.
3.	Technical Proposal		25					
3.1	High-Level Technical Proposal for the execution of Quality Control Services that, as a minimum, states the following: - Allocation of resources to respective departments and proposed process to ensure all activities adhere to QC procedures. - RFI acknowledgement and allocation of resources. - Streamlining of offsite inspections. - Follow-through of nonconformances and review of remedies.	Section 3.2		100	No submission made	Technical proposal covers only the stated minimum items.	Technical proposal satisfactorily covers all the minimum items and thoroughly details them.	Technical proposal thoroughly covers all the minimum items and further elaborates on the additional proposed points.
			TOTAL: 100					

2.6 TET MEMBER RESPONSIBILITIES

Table 7: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1.				
1.1	X	X	X	X
1.2	X	X	X	X
2.				
2.1	X	X	X	X
2.2	X	X	X	X
2.3	X	X	X	X
3.				
3.1	X	X	X	X

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2.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.7.1 Risks

Table 8: Acceptable Technical Risks

Risk	Description
1.	Supplier that has worked on 2 similar projects.
2.	Supplier only able to provide resources with between 3 and 5 years related experience.

Table 9: Unacceptable Technical Risks

Risk	Description
1.	The company that has inexperienced personnel, especially the supervisor that does not meet the requirements.
2.	The company that has worked on only 1 similar project.

2.7.2 Exceptions / Conditions

Table 10: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	The company which can provide 50% of the required qualified resources with the option to supply the remainder during the course of the project.

Table 11: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Zero experience in Quality Control.

3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Aneske Jurie	Risk and Assurance Manager
Armando Mathebula	Manager, Technical Support
Bennie Naude	Senior Advisor, C&I
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Jerry Dlamini	Manager, Routine Works Management
Kebebe Moiloe	Programme Manager, (<i>Acting</i>)
Lebogang Ramphago	Manager, Turbine Engineering
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Terry Maseko	Contracts Manager
Yolanda Musi	Senior Advisor, Electrical Compliance

4. REVISIONS

Date	Rev.	Compiler	Remarks
May 2026	2	M Mona	Changes to the TET Members
November 2025	1	M Mona	Draft document for comment

5. DEVELOPMENT TEAM

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

- Armando Mathebula
- Boitumelo Kotu
- Kea Meremetsi
- Lebogang Ramphago
- Marius Prinsloo
- Mosiuoa Mona

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6. ACKNOWLEDGEMENTS

The following people are acknowledged for their input in the development of this document:

- Godfrey Cothama

APPENDIX A: CONTRACTOR'S RELEVANT EXPERIENCE

List of Completed Projects			
Project name	Description of work performed	Project start and end date	Name, designation and contact number of reference person

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