Eskom	Strategy	Engineering

Title: **Tender Technical Evaluation Strategy for Duvha Power Station U1 Boiler Ash Hoppers Outage Scope of Work**

Unique Identifier:	**240-53716769**
Alternative Reference Number:	**N/A**
Area of Applicability:	**Engineering**
Documentation Type:	**Strategy**
Revision:	**0**
Total Pages:	**10**
Next Review Date:	
Disclosure Classification:	**CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
Langelihle Nhlabathi	Mzamo Ngomane	Ndweleni Tshivhase
System Engineer	**Outage Coordinator**	**Boiler Engineering Manager**
Date: 2023/03/27	Date: 27/03/2023	Date: .....
		Supported by
		Lele Masote
		Engineering Manager
		Date: .....

CONTENTS

TABLES

1. INTRODUCTION

The tender evaluation strategy is developed for the purpose of obtaining a suitable contractor for Duvha Power Station that will be able to conduct all the repair work defined in the scope of work during the planned outage. Scope of work shall cover all the critical components and associated defects defined inthe scope of work within the boiler ash hopper plant area.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the technical evaluation criteria to be utilized for the process of evaluating the tender submissions for Duvha Power Station unit 1 boiler ash hoppers outage scope of work. The scope is for the specified unit outage for a specific period stated in the contract.

2.1.1 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.

2.1.2 Applicability

This document is applicable to Duvha Power Station unit 1 outage.

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] 240-168966153: Generation Tender Technical Evaluation Procedure

[2] 240-48929482: Tender Technical Evaluation Procedure

[3] 240-44682850: PCM - Provide Engineering During Project Sourcing

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

[5] 32-1034: Eskom Procurement and Supply Management Procedure

2.2.2 Informative

[6] ISO 9001 Quality Management Systems.

2.3 DEFINITIONS

2.3.1.1 Enquiry: A competitive or non-competitive request for information, interest, quotations or proposals made to a supplier, a group of suppliers or the market at large.

2.3.1.2 Tender: A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.3.1.3 Contractor: Service provider, consultant or Contractor that is approved by the Employer.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
NEC	New Engineering Contract
PCM	Process Control Management
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

N/A as per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The primary process that shall be used for monitoring the application of this document is 240-48929482: Tender Technical Evaluation Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

[7] 240-53716746: Tender Technical Evaluation Report Template

[8] 240-53716712: Tender Technical Evaluation Results Form Template

[9] 240-53716726: Tender Technical Evaluation Scoring Form Template

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender 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	Langelihle Nhlabathi	System Engineer
TET 2	Mzamo Ngomane	Outage coordinator

3.3 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 3834 Parts 2 Accreditation	Provide a certified copy of the certificate from an authorised accreditation body (ISO 3834-2 Certificate)	To ensure quality and accountability during the execution of welding work and is also done in accordance with the Eskom standard for welding (240-106628253)

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Company profile**		**Relevance to expected deliveries and duties**	**35**	
	1.1	Company establishment	At least 3 years + in business industry, CK documents required		5
	1.2	Company related project history	At least 3 projects completed in maintenance of a mechanical plant involving Welding, Fitting and/ Or similar work		30
2.	**Company structure and skills/qualifications**		**Capability requirements**	**65**	
	2.1	Site Company organogram	Company organogram must reflect the current core crew status of the company		10
	2.2	1x Site Supervisor	Minimum Qualification: Mechanical Engineering Diploma Or Equivalent qualification and Supervisory experience on maintenance of Mechanical Plants involving Welding for least three (3) years.		15
	2.3	1x Safety Officer	Minimum Qualification: Minimum National Diploma in Safety. SAMTRAC plus 2 years power station experience		10

	2.4	1x Quality Controller	Minimum Qualification: Level 1 with three (3) years relevant welding experience		10
	2.5	1x A Class Welder 2x B Class Welders	Minimum Qualification: B class welders to be Qualified according to **SANS 9606-1 (Approval Testing of Welder-Fusion Welding Part 1: Steels)** and have a minimum of three (3) years Work Experience. A class welder minimum **welding trade test** and five (5) years experience		20
				TOTAL: 100	**100**

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**
1.1	X	X
1.2	X	X
2.1	X	X
2.2	X	X
2.3	X	X
2.4	X	X
2.5	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Alternative (equivalent) Technology being used instead of the preferred

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Technology used that does not produce desired result as per scope of work requirement
2.	Performance guarantees not given for the work done
3.	Lack of local support for the equipment or technology used
4.	Complex data analysis technique used

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Delays due to the elements which may prolong the project duration

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Not meeting all set conditions

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Langelihle Nhlabathi		
Mzamo Ngomane		

5. REVISIONS

Date	Rev.	Compiler	Remarks
January 2023	0	L Nhlabathi	To align with Eskom tender process

6. DEVELOPMENT TEAM

N/A

7. ACKNOWLEDGEMENTS

N/A