Eskom	Strategy	Engineering

Title	**Tender Technical Evaluation *Strategy Camden Power Station* for Temporary mobile suspended platform, rope access and clinker removal**	Unique Identifier	**240-159886562**
		Alternative Reference Number	
		Area of Applicability	**Engineering**
		Documentation Type	**Strategy**
		Revision	**0**
		Total Pages*	**14**
		Next Review Date	**Not applicable**
		Disclosure Classification.	CONTROLLED DISCLOSURE

Compiled by	Functional Responsibility	Authorised by
AK Chauke	**P Mthombeni**	**M Mathabatha**
Senior Boiler Engineer	**Boiler Engineering Manager**	**Engineering Manager**
Date 2022/09/22	Date 22/09/2022	Date: 22/09/2022

CONTENTS

Page

1. INTRODUCTION 3
2. SUPPORTING CLAUSES 3
   2 1 SCOPE 3
   2 1 1 Purpose 3
   2 1 2 Applicability 3
   2 2 NORMATIVE/INFORMATIVE REFERENCES 3
   2 2 1 Normative 3
   2 2 2 Informative 3
   2 3 DEFINITIONS 4
   2 3 1 Classification 4
   2 4 ABBREVIATIONS 4
   2 5 ROLES AND RESPONSIBILITIES 4
   2 6 PROCESS FOR MONITORING 4
   2 7 RELATED/SUPPORTING DOCUMENTS 4
3. TENDER TECHNCIAL EVALAUTION STRATEGY 5
   3 1 TECHNICAL EVALUATION THRESHOLD 5
   3 2 TET MEMBERS 5
   3 3 MANADATORY TECHNICAL EVALUATION CRITERIA 6
   3 4 QUALITATIVE TECHNICAL EVALUATION CRITERIA 7
   TET MEMBER RESPONSIBILITIES 13
4. AUTHORISATION 14
5. REVISIONS 14
6. DEVELOPMENT TEAM 14
7. ACKNOWLEDGEMENTS 14

TABLES

Table 1 TET Members 5
Table 2 Mandatory Technical Evaluation Criteria 6
Table 3 Qualitative Technical Criteria Description 8
Table 4 TET Member Responsibilities 13

1. INTRODUCTION

A technical evaluation is a critical activity performed by engineers / technical specialists in accordance with Eskom Procurement and Supply Chain Management Policy (32-1033) and Eskom Procurement and Supply Management Procedure (32-1034) during the tender process

The process to be followed in performing technical evaluations during the tender evaluation process must be consistent throughout Eskom Engineering

This document shall ensure that a consistent, fair, transparent, impartial, and auditable process is followed to identify the highest technically ranked tenderer for Camden Power Station for the following services i e , Temporary mobile suspended platform, rope access and clinker removal

2. SUPPORTING CLAUSES

2.1 SCOPE

This document describes the technical evaluation criterion, team members and requirements for the technical evaluation of Temporary mobile suspended platform, rope access and clinker removal at Camden Power Station boilers

2.1.1 Purpose

The purpose of this document is to provide a consistent approach to processes and principles to be followed when technically evaluating Temporary mobile suspended platform, rope access and clinker removal tenders, responsibilities of individuals and reporting requirements by defining 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

The document is applicable to Camden Power Stations' Boiler Engineering, Boiler Maintenance, Operating, Outages and Projects departments

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 Tender Technical Evaluation Procedure

[2] 240-44682850 PCM - Provide Engineering During Project Sourcing

[3] 2-1033 Eskom Procurement and Supply Chain Management Policy

[4] 32-1034 Eskom Procurement and Supply Management Procedure

2.2.2 Informative

[1] 474-59 Internal Audit Procedure

[2] ISO 9001 Quality Management Systems

2.3 DEFINITIONS

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

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

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
EDWL	Engineering Design Work Lead
GM	General Manager
ITP	Inspection & Test Plan
LDE	Lead Discipline Engineer
SME	Subject Matter Expert
TET	Technical Evolution Team

2.5 ROLES AND RESPONSIBILITIES

- **Engineering Manager** Is responsible for ensuring that all staff, in their respective areas understand and adhere to this procedure
- **Plant Engineer** The engineer is responsible to manage the execution and adherence to the Tender Technical Evaluation procedure and strategy
- **Technical Evaluation Team (TET) member** Is responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy

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

[4] 240-53716769 Tender Technical Evaluation Strategy 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	Kgomotso Chauke	Senior Boiler Engineer
TET 2	Tshilidzi Khwashaba	Outage coordinator
TET 3	Sipho Ndhlovu	Senior Welding Supervisor
TET 4	Phello Sejake	Boiler Engineer

3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria These criteria shall not be weighted or point scored, but shall be assessed on a Yes/No basis as to whether or not the criteria are met An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	**Reference to Technical Specification / Tender Returnable**	**Motivation for use of Criteria**
1	Proof of ownership of a mobile suspended platform and or a copy of a lease agreement between lessor and lessee	Certificate of ownership and or lease agreement between a lessor and lessee	To ensure availability of the mobile suspended platform
2.	Proof of Contractor experience on suspended mobile platform (Min 5 years)	Copy of at least 2 previous contracts on suspended mobile platform or Completion certificate with a clear scope of work showing duration	To ensure that the contractor have previously worked with/on mobile suspended platform (Experience)
3.	Proof of Contractor's Personnel Operators" Certificates Six (6xoff) Operator Certificates with their Service Records (Signed Service Record Letters on a **Company Letter Head** and **Operators' Certificates** only)	Use of trained and qualified labour i.e., (Working at heights) force to ensure quality execution of the scope	Lead skills to ensure Quality and Accountability in all Suspended Platforms activities
4	The contractor is registered with the institute of working at heights (IWH)	Copy of a certificate from IWH	Ensure that company is legible to perform such work

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion

Table 3 Qualitative Technical Criteria Description

	Qualitative Criteria	Total Weight (70%)	Tenders will be expected to score at least the minimum threshold (70%) per functional area to proceed to the next phase
1	**Method Statement:** This is a document detailing the key activities to be performed to reduce, as reasonably as practicable, the hazards identified in any risk assessment [2] Thus, ensuring high quality output of the activities for the given scope of work Major steps and related safety precautions taken in Rope Access, Painting works, Clinker removal, Vacuuming/cleaning, Sheet and beam repairs on Eskom site/Petrochemical site operation without damage in plant (7 5%) Non-specific methodology steps (0%)	7 50%	
2	**Quality Control Plan:** QCP for Rope Access, Painting works, Clinker removal, Vacuuming/cleaning, Sheet and beam repairs (1%) When are holding points required (2% score) What critical steps to be taken in carrying the work (1%) Include signature matrix make provision for the following people in your matrix, outage coordinator, Eskom QC, Contractor's supervisor, etc (1%)	5 00%	
3	Proof of experience and CVs for the following personnel and Personnel proof of experience (i e , **Service Records** and Past and current Certifications only) Site Supervisor Rope Access (X2), Painting works, Clinker removal, Vacuuming/cleaning, Sheet and beam repairs Technician, one or more years – signed proof of employment (1.25%) Site manager with 1 year(s) minimum years of experience – signed proof of employment (1 25%) Proof of valid qualified/certificated Rope Technicians - at least personnel – 6 25% 8X Rope technicians level 1 4X Rope technicians level 2	8 75%	

4	2X Rope technician level 3 2X Riggers with 3 years' experience 8X General workers with similar experience of industrial cleaner for at least 2 years 2X rope technicians with welding certificate (Coded welder/Welder trade test) Proof of ownership vacuum truck or rental agreement i e , letter of intent Proof of ownership provided (Ownership in tenderer's name) Proof of rental agreement or intent provided (Ownership in lessor's name)	10 00%	
5 6	Company proof of previously completed similar **Rope Access, Painting works, Clinker removal, Vacuuming/cleaning, Sheet and beam repairs on Eskom site/Petrochemical site**, signed completion certificates or Purchase Orders Two or more separate Verifiable Proof or Copies of Completion Letter (7 5%) Code and National Standards compliance and Accreditation According to the IWH Proof of company accreditation (IWH Certificate) (2 5%) **Method Statement:** This is a document detailing the key activities to be performed to reduce, as reasonably as practicable, the hazards identified in any risk assessment [2] Thus, ensuring high quality output of the activities for the given scope of work Major steps and related safety precautions taken in platforms operation without damage in plant (6 25%) Non-specific methodology steps (0%)	10 00% 6 25%	
7	Quality Control Plan QCP for the platform installation specific and short as possible (1%) When are holding points required (2% score) What critical steps to be taken in carrying installations (1%) Include signature matrix make provision for the following people in your matrix, outage coordinator, Eskom QC, Contractor's supervisor, etc (1%)	5 00%	

8	Proof of experience only (No CV's) for the personnel on this project Personnel proof of experience (i e , **Service Records** and Past and current Certifications only) on this project (No CV's) Site Supervisor/ Temporary suspended platform (TSP) Technician, one or more years – signed proof of employment - 2 5% Site manager with 1 year(s) minimum years of experience – signed proof of employment Proof of valid qualified/certificated platform operators - at least 8 personnel – 7 5% o Additional operators § Two or more additional operators § Less than two o One 1 x off Safety Officer Qualifications o One (1 x off) Quality Assurance level 1	10%	
	Certification, Calibration, and maintenance/Inspection records (Check sheets) Proof of recent (**not more than three years back**) hoist cables inspections results and recommendations **Proof of driving equipment maintenance logbooks and CoC signed by LMI (Load Machinery Inspector)** Proof of platform structure inspections – logbooks Knowledge, Failure ID, Inspections & corrective action capability	20 00%	
9	Company proof of previously completed similar Suspended Platforms and Mobile Lifts work/projects, signed completion certificates or Purchase Orders Two or more separate Verifiable Proof or Copies of Completion Letter (7 5%) o 2 x off Mobile Lifts PO/Completion Letters (2 5%) o 3 x off or more PO/Completion Letters TSP (3 5%) o Less than two separate proof of work (1 5%) No information or non-verifiable documents provided (0%)	7 50%	

10	Supply Proof of Ownership or Letter of intent Code and National Standards compliance and Accreditation According to the IWH Proof of company accreditation (IWH Certificate) (2 5%) Licensed to SANS 51808 TSPs Design (2 5%) Licensed to SANS 10295-2 Operation (2 5%) Design Certificate of Compliance signed by Pr Eng (2 5%)	10 00%	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1 Kgomotso Chauke	X	X	X	X
2 Tshilidzi Khwashaba	X	X	X	X
3 Sipho Ndhlovu	X	X	X	X
4 Phello Sejake	X	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**
1 Kgomotso Chauke	X	X	X	X
2 Tshilidzi Khwashaba	X	X	X	X
3 Sipho Ndhlovu	X	X	X	X
4 Phello Sejake	X	X	X	X

4. AUTHORISATION

This document has been seen and accepted by

Name	Designation	Signature
Tshilidzi Khwashaba	Outage coordinator	
Kgomotso Chauke	Engineer Prof Engineering	
Phello Sejake	Engineer Prof Engineering	
Sipho Ndhlovu	Senior Welding Supervisor	

5. REVISIONS

Date	Rev.	Compiler	Remarks
August 2022	0	AK Chauke	Original document

6. DEVELOPMENT TEAM

N/A

7. ACKNOWLEDGEMENTS