

	Strategy	Engineering
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Title: **Provision of labor and equipment for the hiring; operation and Installation of suspended platforms and the hiring, operation and dismantling of mobile lifts at Kriel Power Station.**

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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	4
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 TECHNICAL EVALUATION STRATEGY	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TET MEMBERS	5
3.3 TENDER RETURNABLES	6
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	7
3.4.1 Table 3: Qualitative Evaluation Criteria Scoring Table	7
3.5 TET MEMBER RESPONSIBILITIES	10
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	11
3.6.1 Risks	11
3.6.2 Exceptions / Conditions.....	11
4. AUTHORISATION	12
5. REVISIONS.....	12
6. DEVELOPMENT TEAM	12
7. ACKNOWLEDGEMENTS.....	12

TABLES

Table 1: TET Members.....	5
Table 2: TET Member Responsibilities.....	10
Table 3: Acceptable Technical Risks.....	11
Table 4: Unacceptable Technical Risks.....	11
Table 5: Acceptable Technical Exceptions / Conditions.....	11
Table 6: Unacceptable Technical Exceptions / Conditions.....	11

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1. INTRODUCTION

The supply of labour in the form of trained and qualified operators, at least one technician and semi-skilled/assisting personnel to perform Mobile Lift and Temporary Suspended Platforms work at Kriel Power Station will go out to the open market. The tender documents will be published on the tender bulletin after the scope and technical evaluation criteria are approved. The scope of work includes but not limited to the Boiler internal and external components, High Pressure pipework, Hot Reheat pipework, Cold Reheat pipework and all applicable piping in the Turbine and Outside plants for a period of 5 years at Kriel Power Station.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of the document defines the technical criteria by which tenderers for the supply of labour and equipment for the hiring; operation and Installation of suspended platforms and the hiring, operation and dismantling of mobile lifts at Kriel Power Station will be evaluated. .

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria, TET member responsibilities and identify acceptable/unacceptable risks 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 Kriel Power Station.

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] 240-154119722: WCOU Power Plant Maintenance Fall Protection Plan
- [3] 32-418: Work at Height Standard
- [4] QM 58 Supplier Contract Quality Requirements Specification
- [5] 240:105658000: Supplier Quality Management Specification
- [6] WFH002: Safe use of work from height system
- [7] 34-1507: Specification for fall arrest systems
- [8] 07TB-011: Safe use of Work from Heights Systems
- [9] 34-1710: Provision and Use of Personal Protective Equipment

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- [10] 34-323: Personal Protective Equipment Specification
- [11] SANS 51808: Safety Requirements on suspended access equipment
- [12] SANS 10295-2 Temporary Suspended Platforms
- [13] SANS 16368 Mobile Elevating Work Platforms
- [14] SANS 18893 Mobile Elevating Work Platforms
- [15] SANS 1397: Industrial Safety Helmets.

2.2.2 Informative

- [16] ISO 9001 Quality Management Systems
- [17] Occupational Health and Safety Act, 1993 (Act No.85 of 1993)

2.3 DEFINITIONS

N/A

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
NDT	Non-Destructive Testing
LMI	Load Machinery Inspector
PO	Purchase Order
TSP	Temporary Suspended Platforms
WCOU	Western Cape Operating Unit

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure.

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

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3. TENDER TECHNICAL EVALUATION 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%**. This is as per the threshold stipulated in the normative reference [1] above. There are, therefore, no deviation but the criticality of the equipment testing, supervision, storage, application and logistics involved, with particular attention to:

- Code, standard and guidelines compliance
- OHS Act compliance and Department of Labor Certification
- Regulatory requirements (e.g., Lift Escalator and Passenger Conveyor Regulation, wire cabling testing, driven machinery regulations,)
- High Risk of slip and fall
- High exposure working at heights
- Internal and external parts criticality – Handling.
- Skilled and appropriately trained personnel.
- Driven Machinery, tools and equipment precession required.
- Conduciveness of the work execution environment.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1		System engineer – Boiler Pressure Parts
TET 2		System engineer – Boiler Auxiliaries
TET 3		System engineer – Boiler Fuel Oil, PF Pipes and PF Burners

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3.3 TENDER RETURNABLES

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Proof of Contractor Approval to carry out Suspended Platforms works by Authoritative National Department (e.g. Energy & Minerals, Labor, etc.) <ul style="list-style-type: none"> • 1 x Certificate of approval (Authentic Certificates) OR • Letter (signed off by all parties) of intent to work with an approved company (submit their approved letter) 	<ul style="list-style-type: none"> • Approval Certificate signed by the chief inspector or officer higher in rank 	To ensure compliance with the Driven Machinery Regulation 18(5) of the OHS Act, Act 85 of 1993.
2.	Verifiable Proof of Contractor's Working at Heights Certificates <ul style="list-style-type: none"> • Submit the verifiable and valid certificate for working at heights 	Full compliance to all working at heights and elevated positions requirements as per the section 6 of the General Safety Regulations	Providence of assurance that the potential service providers are fully compliant/certified to the OHS Act, Act 85 of 1993.

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3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

3.4.1 Table 3: Qualitative Evaluation Criteria Scoring Table

Score	%	Definition
5	100	COMPLIANT <ul style="list-style-type: none"> • 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; <ul style="list-style-type: none"> • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.
2	40	NON-COMPLIANT <ul style="list-style-type: none"> • 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.

	Qualitative Criteria	Total Weight (100%)	Tenders will be expected to score at least the minimum threshold (70%) for these functional criteria to be deemed responsive
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. <ul style="list-style-type: none"> • Emphasis on platform mobile lifts installation • Major steps and related safety precautions taken in platforms operation without damage in plant 	15%	

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	<ul style="list-style-type: none"> • Major steps and related safety precautions taken in Mobile Lifts installation and operation without damage to the erected plant. <ul style="list-style-type: none"> ○ All three points above (5pts) ○ Only two points above (4pts) ○ Only one point of the above (2pts) ○ Non-specific methodology steps or No submission (0pts) 		
2.	<p>Quality Control Plan:</p> <ul style="list-style-type: none"> • QCP for the platform installation specific and short as possible • When are holding points required • What critical steps to be taken in carrying installations • Include signature matrix make provision for the following people in your matrix, outage coordinator, Eskom QC, Contractor supervisor, etc. <ul style="list-style-type: none"> ○ All four points above (5pts) ○ Only three points above (4pts) ○ Only two/lower points of the above (2pts) ○ No submission (0pts) 	5%	
3	<p>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):</p> <ul style="list-style-type: none"> • Site Supervisor/ TSP Technician, one or more years – signed proof of employment • 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: <ul style="list-style-type: none"> ○ Additional operators: <ul style="list-style-type: none"> ▪ Two or more additional operators ▪ Less than two ○ One 1 x off Safety Officer Qualifications ○ One (1 x off) Quality Assurance level 1 <p>All points and subpoints submitted above (5pts) Only two points above (4pts) Only one points of the above (2pts) No submission (0pts)</p>	25%	

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4.	<p>Certification, Calibration and maintenance/Inspection records (Check sheets)</p> <ul style="list-style-type: none"> • Proof of recent (not more than five 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 <p>All points submitted above (5pts) Only three points above (4pts) Only two/lower points of the above (2pts) No submission (0pts)</p>	25%	
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5	<p>Company proof of previously completed similar-Suspended Platforms and Mobile Lifts work/projects, signed completion certificates or Purchase Orders.</p> <ul style="list-style-type: none"> • Two or more separate Verifiable and signed by all parties Proof or Copies of Completion Letter (15%) <ul style="list-style-type: none"> ○ 2 x off Mobile Lifts PO/Completion Letters (5%) ○ 3 x off or more PO/Completion Letters TSP (7%) ○ Less than two separate proof of work (3%) • No information or non-verifiable documents provided (0%) <p>All three points submitted above (5pts) Only two points above (4pts) Only one point of the above (2pts) No submission (0pts)</p>	15%	
6	<p>Code and National Standards compliance.</p> <ul style="list-style-type: none"> • Proof of TSP Designs and Licensed to SANS 51808 TSPs Design (5%) • Proof of TSP operations are Licensed to SANS 10295-2 Operation (5%) • Design Certificate of Compliance signed by Pr.Eng. (5%) <p>All three points submitted above (5pts) Only two points above (4pts) Only one point of the above (2pts) No submission (0pts)</p>	15%	

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3.5 TET MEMBER RESPONSIBILITIES

Table 2: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3
1	X	X	X
2	X	X	X
3	X	X	X
4	X	X	X
5	X	X	X
6	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 3: Acceptable Technical Risks

Risk	Description
1.	Proposed QCP with the critical activities, without acceptance criteria or minor changes required that could be done after contract award.
2.	Certificates for only 5 Operators
3.	Operator having less than 3 years' experience in an industrial environment but having more than 1 years' experience in another environment

Table 4: Unacceptable Technical Risks

Risk	Description
1.	No qualified electricians / Zero certificates submitted
2.	No Code and National Standards compliance and Accreditation According to the IWH returnables
3.	No Valid Operator Certification

3.6.2 Exceptions / Conditions

Table 5: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
	Kriel Engineering Manager
	Boiler Engineering Manager
	Outage Coordinator
	System engineer
	System engineer
	System engineer

5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2025	0		Document created.
June 2025	1		Issue of Revision 1 of the document

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS

N/A

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