	Technical Evaluation	Kriel Power Station
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Title: **Tender Technical Evaluation
Criteria for cleaning of ash plant all
the way to the ash dams on areas
that are not covered by station
cleaning**

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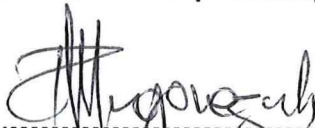
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Date: 2021/09/21

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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.

2. Supporting Clauses

2.1 Scope

The scope is the development of technical evaluation criteria for the selection of eligible contractors for the ash plant at large up to the ash dams not limited to the roads where station cleaning is not attending to at Kriel Power Station. The criteria to evaluate technically are set along with the target score.

2.1.1 Purpose

The purpose is to set technical evaluation criteria for the cleaning of ash plant all the way to the ash dams on areas that are not covered by station cleaning and to ensure compliance with procurement policies.

2.1.2 Applicability

This document is applicable to all persons working for or contracted to Kriel Power Station

2.1.3 Effective date

This document shall be effective as soon as it is signed

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

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2.2.2 Informative

[4] 240-48929482: Tender Technical Evaluation Procedure

2.3 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.

2.4 Abbreviations

Abbreviation	Description
KPS	Kriel Power Station
SOW	Scope Of Work
QCP	Quality Control Procedure
TET	Technical Evaluation Team

2.5 Roles and Responsibilities

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 Process for Monitoring

Pre-survey, Post Survey and physical inspections during & after work execution

2.7 Related/Supporting Documents

N/A

3. Tender Technical Evaluation Strategy

3.1 Technical Evaluation Threshold

The basic steps for a technical evaluation must be followed as per the Tender Technical Evaluation Procedure [2]. A two stage Technical Evaluation Strategy is set out.

Stage 1: 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 the tenderer shall not be further evaluated against Qualitative Criteria.

Stage 2: 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.

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The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is **70%**. A weighted scorecard approach is used to evaluate the technical compliance of the tenders against the specifications. The technical criteria and weighting is broken down 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	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> Meet technical requirement(s) with; 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

The evaluation scores will be weighted as follows:

Engineering (100%)	
Civil & Structural Engineering	100%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

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

3.2 Technical Evaluation Team Members

The Technical Evaluation Team members are listed on the table below.

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Bandile Maseko	Technician
TET 2	Piet Aphané	Senior Technician
TET 3	Ingrid Mngomezulu	Ops Support Manager

3.3 Mandatory Technical Evaluation Criteria

- Table 2: Mandatory Criteria

	Description	Reference	Motivation
1.	NCCA	Registration number	Regulated service provider

3.4 Qualitative Technical Criteria Description

3.4.1 Tenderers to score 70% and above to qualify on Technical Evaluation

- Table 3 Qualitative Criteria

Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria sub-weighting	Criteria weighting
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			(%)	(%)
Company experience or Key Resource Requirements for the construction team:				
1.	Company with cleaning experience of 5 years/more And/or Personnel [Site Manager] with cleaning experience of more than 5 years.	Company must submit signed off completion certificates for 5 projects or signed off projects that equate to 5 or more years in duration And/or The companies Site manager must submit proof of 5 or more years' experience in cleaning Organogram of site team to be provided meet technical requirement(s)/AND <ul style="list-style-type: none"> At least 5 verifiable years/projects relevant experience for company/resources Organogram submitted clearly indicating all key project personnel and associated roles 	5/5 (100%)	35%
	Company with the relevant experience of 3-4 verifiable years/project relevant experience for the company/resources.	Meet technical requirement(s)/AND <ul style="list-style-type: none"> At least 3-4 years verifiable years/projects relevant experience for company/resources Organogram submitted clearly indicating all key project personnel and associated roles 	4/5 (80%)	
	Company with the relevant experience of 1-3 verifiable years/project relevant experience for the company/resources	Meet technical requirement(s)/AND <ul style="list-style-type: none"> At least 1-3 years verifiable years/projects relevant experience for company/resources 	2 (40%)	
2.		Organogram submitted clearly indicating all key project personnel and associated roles		35%
	Company with 0 experience	No project organogram submitted but all CV's of key personnel have been submitted indicating their role in the project	0 (0%)	
	High-level construction execution plan/method statement for the construction works demonstrating understanding of the scope and includes the following as a minimum: <ul style="list-style-type: none"> Proposed plant and equipment 	Technical proposal details fully how scope will be met and provides comprehensive methodology of approach	5/5 (100%)	

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	<ul style="list-style-type: none"> Methodology and approach including compliance with required SANS and/or other applicable standards and the technical specification Site establishment Testing and inspection requirements Required temporary works (if any) 			
	Minor details missing on the method statement for the work at hand	Technical proposal describes how scope will be met and includes minor details on methodology of approach	4/5 (80%)	
	Major details missing on the method statement for the work at hand	Technical proposal does not contain methodology of approach but contains high level descriptions of how the works will be conducted OR Technical proposal reiterates the Employer's scope of works	2/5 (40%)	
	No details method statement for the work at hand	Technical proposal does not contain methodology of approach or a description of how the works will be conducted	0 (0%)	
3	High-level program/schedule for the construction works demonstrating understanding of the scope.	Technical proposal details fully how program/schedule will be met and provides comprehensive schedule	5/5 (100%)	30%
	Minor details missing on the program/schedule for the work at hand	Technical proposal describes how program/schedule will be met and includes minor details on the program approach	4/5 (80%)	
	Major details missing on the program/schedule for the work at hand	Technical proposal describes how program/schedule will be met and includes major details on the program approach	2/5 (40%)	
	No details method statement for the work at hand	Technical proposal does not contain the program/schedule of approach or a description of how the works will be scheduled	0 (0%)	
				100%

3.5 Technical Evaluation Team Member Responsibilities

3.5.1 The responsibilities of the Technical Evaluation Team are listed on the table below.

• Table 3: TET Member Responsibilities

Qualitative Technical Criteria Description	TET 1	TET 2	TET 3
1 Experience verification	X	X	X
2 Methodology	X	X	X

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3.6 Foreseen Acceptable/Unacceptable Qualifications

3.6.1 Risks

- Table 4: Acceptable Technical Risks

Risk	Description
1.	None

- Table 5: Unacceptable Technical Risks

Risk	Description
1.	None

3.6.2 Exceptions / Conditions

- Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

- Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None

4. Acceptance

This document has been seen and accepted by:

Name	Designation
Thamsanqa Sibanda	Operating Manager – Kriel Power station
Solly Masogo	Coal and Ash Manager – Kriel Power Station
Ingrid Mngomezulu	Ops and Support Manager – Kriel Power Station
Bandile Maseko	Technician – Ops Support – Kriel Power Station

5. Revisions

Date	Rev.	Compiler	Remarks
September 2021	1	Bandile Maseko	Establishment of Contract

6. Development Team

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

- Bandile Maseko

7. Acknowledgements

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