

Title: **Tender Technical Evaluation
Strategy for coal stock yard
drainage system**

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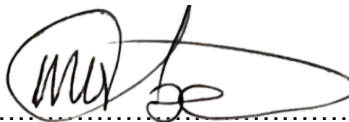
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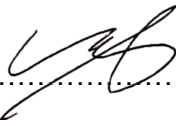
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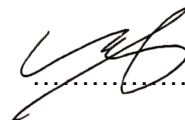
LA Mabeba
Civil Engineer

Functional Responsibility



S Zondi
Auxiliary and Civil
Engineering Manager
(Acting)

Authorised by



S Zondi
Auxiliary and Civil
Engineering Manager
(Acting)

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1. INTRODUCTION

The existing surface water management system was found not functional as noticed by the following defect around the coal stockyard:

- There are no channels next to the coal staithes which caused runoff water from the coal stock yard to enter the coal staithes and contributed to the water damming around the staithes.
- The concrete lined channel on the eastern boundary is covered by coal and overgrown vegetation.
- Other sections do not have concrete liner and therefore water seep through to the field.
- Any runoff from the coal stockyard that is not properly drained eventually seep into the coal base and therefore contributes to wet coal.
- This contributes to surface water pollution which then impact on the environment.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope for the construction of the coal stockyard drainage include the following

- 1) Site surveying
- 2) Site clearance
- 3) Construction of drainage channels with road crossing

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 Hendrina Power Station coal stockyard.

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] 32-1034 Eskom Procurement and Supply Chain Management Procedure

2.2.2 Informative

- [3] N/A

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2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
SANS	South African National Standards
TET	Technical Evaluation Team
CIDB	Construction Industry Development Board

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

Coal stock yard drainage Scope of Work

Preliminary investigation (R/INROAD001)

Further investigation and Conceptual Design (Coal handling project report)

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%.

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3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Albert Mabeba	Civil Engineer
TET 2	Murendeni Mashamba	Civil Engineer

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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.	5CE CIDB GRADING	CIDB registration certificate	Ability of the contractor to handle the magnitude of the required work.
2.	ECSA REGISTERED CIVIL ENGINEER	Professional registration certificate	Ability of the contractor to certify as built drawings.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

Category	Points	Sub Criteria	Score	Source Evidence	Reason for Requirement
EXPERIENCE OF COMPANY	15	This sub criterion covers the experience of the company in civil construction projects		Company Profile	Construction Regulation 5 (h);
		More than 4 years	15		
		4 years and less, but more than 2	10		
		2 years and less, but more than 1	5		
		1 year and less	0		
COMPLETED SIMILAR PROJECTS	25	This sub criterion covers the number of completed projects that entails concrete channel construction		List of completed similar work with references/ Completion Certificate	Construction Regulation 5 (h);
		5 or more similar projects successfully completed	25		
		3 or 4 similar projects successfully completed	20		
		2 similar projects successfully completed	15		
		1 similar projects successfully completed	5		
		0 similar projects successfully completed	0		
EXPERIENCE CONSTRUCTION MANAGER	15	This sub criterion covers the general experience of the proposed Construction Manager (total duration of professional activity as a Construction Manager) in site management of Civil Engineering construction Projects.		CV of the proposed Construction Manager	Construction Regulation 8 (1)
		More than 5	15		
		5 years and less, but more than 3	10		
		3 years and less but more than 1	5		
		1 year and less	0		

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EXPERIENCE GENERAL FOREMAN	15	This sub criterion covers the experience of the proposed General Foreman (total duration of professional activity as a General Foreman) in projects that entails Concrete channel construction.		CV of the proposed Foreman	Assessment for the experience of the foreman relating the construction of concrete channels.
		More than 3	15		
		3 years and less, but more than 1	10		
		1 year and less	5		
CONSTRUCTION METHOD STATEMENT	30	This sub criterion covers the contents of construction method statement for concrete channel construction.		Detailed Method Statement	Assessment of the ability of the contractor to execute the work safety and technically acceptable within the standards
		List of relevant specifications (i.e. SANS)	5		
		Construction programme/ gantt chart	5		
		List of Equipment, Resource, Material	5		
		Technical Execution	10		
		Inspections and Testing / QCP	5		

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	None

Table 6: Unacceptable Technical Risks

Risk	Description
1.	None

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

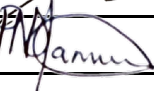
Risk	Description
1.	None

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Lowrence Theko	Project leader	
Albert Mabeba	Civil Engineer	
Murendeni Mashamba	Civil Engineer	
Swelihle Zondi	Auxiliary and Civil Engineering Manager (Acting)	
Phephisani Dlamini	Projects Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
2021-08-11	0	Albert Mabeba	First draft
2023-07-04	1	Albert Mabeba	Revise minimum required score and add TET member.
2023-07-27	2	Albert Mabeba	Added mandatory requirements.

6. DEVELOPMENT TEAM

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

Albert Mabeba

7. ACKNOWLEDGEMENTS

None

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