

Title: **Tender Technical Evaluation
Strategy – Belt spillage systems
(Coal and Ash)**

Unique Identifier:

Alternative Reference Number: **N/A**

Area of Applicability: **Engineering**

Documentation Type: **Strategy**

Revision: **1**

Total Pages: **11**

Next Review Date: **Not applicable**

Disclosure Classification: **CONTROLLED
DISCLOSURE**

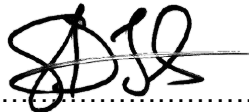
Compiled by



Mohamed Khan
Outside Ash Engineer

Date: 30-12-2020

Reviewed By



Sazi Jele
BMH Engineer

Date: 30/12/2020

Authorised by

PP


Thando Gxota
Aux Eng Manager (Acting)

Date: 30/12/2020

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 TECHNICAL EVALUATION STRATEGY	4
3.1 TECHNICAL EVALUATION THRESHOLD	4
3.2 TET MEMBERS	4
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	5
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	6
3.5 TET MEMBER RESPONSIBILITIES	8
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	9
3.6.1 Risks	9
3.6.2 Exceptions / Conditions	10
4. AUTHORISATION	11
5. REVISIONS	11
6. DEVELOPMENT TEAM	11
7. ACKNOWLEDGEMENTS	11

TABLES

Table 1: TET Members	4
Table 2: Mandatory Technical Evaluation Criteria	5
Table 3: Qualitative Technical Evaluation Criteria	6
Table 4: TET Member Responsibilities	8
Table 5: Acceptable Technical Risks	9
Table 6: Unacceptable Technical Risks	9
Table 7: Acceptable Technical Exceptions / Conditions	10
Table 8: Unacceptable Technical Exceptions / Conditions	10

CONTROLLED DISCLOSURE

1. INTRODUCTION

This serves as the technical evaluation for the maintenance, procurement and refurbishment of belt spillage systems on for Kendal ash and coal plants.

2. SUPPORTING CLAUSES

2.1 SCOPE

Technical criteria provided for the maintenance, refurbishment and procurement of belt spillage systems for Kendal power station ash and coal plant.

Belt spillage systems include the following equipment:

- Primary belt scrappers
- Secondary belt scrappers
- V-plough scrappers
- Skirting rubbers
- Self-aligning idlers
- Impact idlers

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

Kendal Power station, coal and ash – bulk material handling

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] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

- [2] ISO 9001:2008 Quality Management System
[3] Employer's Quality Requirements of as specified in Eskom QM58 document: 240-51544462

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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
KPI	Key performance indicators
OEM	Original equipment manufacturer
QCP	Quality control procedure
SOW	Scope of work
SAT	Site acceptance test
FAT	Factory acceptance test

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

Not Applicable.

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%.

Work will be executed on level 1 plant where failure will affect multiple units.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Mohamed Khan	Outside Ash system engineer
TET 2	Sazi Jele	BMH engineer

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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.	None	None	None

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.	Related Experience (Supply, install and maintain belt spillage equipment) minimum 3 years.	Company to provide related experience with minimum years of experience.	10%	More than 3 years – max 10% Less than 3 years – max 5% Less than 1 years – max 2%
2.	List of completed projects / jobs existing proof, PR of project, provide order numbers and order details and contact references	Provide proof of projects/jobs completed. At least 5 projects.	10%	2% per project/job
3.	Provide Detailed BOM for executing scope of work	Provide detailed Bill of Materials for the scope of works. To include resource list and spares list	20%	Resource list –10% Spares list –10 %
4.	Methodology of how the Scope of Work will be executed successfully	Provide methodology, stating how the works will be executed successfully without negatively impacting on plant performance. The methodology must include safe working methods in the plant and also considering working in confined spaces and at heights	30%	Methodology addresses full scope of work– 10% Methodology is well explained, practical, realistic– 5% Methodology includes safe working method for working at heights

Tender Technical Evaluation Strategy – Belt spillage systems (Coal and Ash)

Unique Identifier:

Revision: **0**

Page: **7 of 11**

				and confined spaces – 5% Methodology includes commissioning procedure – 5%
5.	Provide an example of a Hand over package for previously completed work.	The package should contain all QCP's, SATs and FATs. Looking at quality, correctness.	20%	QCP – 10% SATs – 5% FATs – 5%
6.	Project plan with timelines	Provide detailed timeline and schedule of work to be completed.	10%	Project plan contain milestones – 2% Detailed breakdown of scope to be completed – 5% Plan completed in 1 month – 2%
7.	Provide guarantee for all work done. (Minimum 1 year)	Provide guarantee in writing	5%	Less than 1 year = 0%
			TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

<In Table 4 identify the TET members allocated to review/evaluate each Qualitative criterion (minimum 2 evaluators per criteria / sub-criteria)>

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET n
1.	X	X						
2.	X	X						
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET n
1	X	X						
2	X	X						
3	X	X						
4	X	X						
5	X	X						
6	X	X						
7	X	X						

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	

Table 6: Unacceptable Technical Risks

Risk	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	
1.	
2.	
3.	
4.	
5.	
6.	

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Mohamed Khan	Outside Ash system engineer	

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2020	0	M R Khan	Initial strategy development

6. DEVELOPMENT TEAM

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

Mohamed Khan

Sazi Jele

7. ACKNOWLEDGEMENTS

None

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.