Eskom	Strategy	Engineering

Title: **Tender Technical Evaluation Strategy – Submerged Scraper Conveyor (SSC) Spares Supply and Delivery.**

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TABLES

1. INTRODUCTION

Matimba Power Station consist of the SSC plants employed underneath the boilers of all six units for the purpose of boiler bottom ash (BBA) cooling and removal, as well as furnace sealing. Each SSC per unit cools and take out ash and discharge onto the coarse ash conveyors (CAC) via the grizzly assembly. The CACs are linked to the other ash conveyors that eventually takes ash out from the station to the ash dump for disposal.

The Matimba SSCs consists of the chain, scraper bars (flights), Main drive system, tensioning system, reversing system, idler wheels, immersion damper doors, degritting sump, water piping system, ash box and Hydraulic system (for lifting and lowering the SSC, and operating the immersion damper doors by closing and opening them).

This strategy serves as the Technical Evaluation Strategy for the procurement of the SSC spares to ensure technical requirements are met.

1.1 SCOPE

The scope of work entails the supply and delivery of SSC spares as per the list below and covers the technical requirements that will be applied during the technical evaluations phase of the tender to guide in evaluating the possible tenderers received from the market to appoint the suitable contractor to supply and delivery correct SSC spares.

Technical Evaluation Strategy (TTES) defines the following with regards to this works:

- Qualitative Evaluation Criteria
- Technical Evaluation Team (TET) Member Responsibilities
- Acceptable / Unacceptable Qualifications

1.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

1.1.2 Applicability

This document applies to the Matimba Power Station

1.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

1.2.1 Normative

[1] 240-48929482: Tender Technical Evaluation Procedure

[2] ISO 9001 Quality Management Systems.

[3] 240-6219227, Life Safety Rules

[4] Supply and Delivery of Matimba SSC Spares scope of work

[5] Occupational Health and Safety Act, Act 85 of 1985

1.2.2 Informative

[6] 240-53716726: Tender Technical Evaluation Scoring Form Template

1.2.3 Classification

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

1.3 ABBREVIATIONS

Abbreviation	Description
ISO	International Organization for Standards
SoW	Scope of Work
SSC	Submerged Scrapper Conveyor
QCP	Quality Control Plan
TET	Technical Evaluation Team
TTES	Tender Technical Evaluation Strategy

1.4 ROLES AND RESPONSIBILITIES

The Technical Evaluation Team (TET) will be responsible for setting up the technical evaluation criteria and evaluating the bidding candidates' submissions. The TET will perform their duty as prescribed and dictated by the guidelines of the Eskom's Tender Evaluation Procedure with the intent of appointing a competent contractor to execute the works.

Below are some of the key roles and responsibilities as prescribed in the Tender Technical Evaluation Procedure:

- **Engineering Manager:** All Engineering Managers throughout Eskom shall ensure that all staff, in their respective areas understand and adhere to this procedure.
- **Technical Evaluation Team (TET):** The delegated engineers/technical specialists who are responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy.

1.5 PROCESS FOR MONITORING

The TET will perform their evaluations and provide their recommendations as per the Eskom's Tender Evaluation Procedure.

1.6 RELATED/SUPPORTING DOCUMENTS

Not Applicable

2. TENDER TECHNCIAL EVALAUTION STRATEGY

2.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is minimum of 80%.

2.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Sizwe Buthelezi	SSC System Engineer
TET 2	Sipho Honono	Senior Technician Mechanical

2.3 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.	Not Applicable		

2.4 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.	The tenderer to submit proof that it has successfully supplied and delivered Submerged Scrapper Conveyor (SSC) spares mentioned in **3.1.1** of the scope of work in the past years.	Proof of orders and delivery notes delivery and stamped and/or signed by the Client.	15 or More SSC spares orders delivered. and accepted by the client.	**5**	50
			5 to 14 SSC spares orders delivered and accepted by the client.	**4**	
			1 to 4 SSC spares orders delivered and accepted by the client.	**2**	
			No evidence submitted/ submitted with deviations.	**0**	
2.	Spares Lead Times	Confirmation letter from the supplier/manufacture to be submitted for **all** the spares lead times for items in **3.1.1.**	Lead time ≤ 6 weeks.	**5**	10
			Lead time > 6 weeks & ≤ 8 weeks.	**4**	
			Lead time > 12 weeks.	**2**	

			No lead time given or submitted with deviations.	**0**	
3.	Workshop Facility	The tenderer to submit proof of factory/workshop of ownership and if the premise is rented provide a signed rental agreement in a form of a letter between the supplier and the owner. The workshop must consist of a minimum of the following machines: • Milling machine • Lathe machine • Boring mill • Cylindrical grinder • Roller Machine, and • Bending Machine **NB** that the workshop assessment will be conducted at the provided address only.	The proof submitted and all the minimum required machinery available at the workshop.	**5**	20
			The proof submitted and only 3 to 6 machineries available at the work.	**4**	
			The proof submitted and 2 or less machinery available at the workshop.	**2**	
			No submission/ submitted with deviations for what is required.	**0**	
4.	Local OEM authorisation	The tenderer to submit confirming that the full rights to distribute the spare in section **3.1.1 (1,2 & 5).** **NB:** Client reserves the right to verify the validity of the local OEM letters provided at the evaluation stage.	Valid local OEM authorised distributor letter(s) for all the listed spares.	**5**	**10**
			Valid local OEM authorised distributor letter(s) for 2 out of 3 the listed spares.	**4**	
			Valid local OEM authorised distributor letter(s) for 2 out of 3 the listed spares	**2**	
			No proof submitted/Letter Invalid.	**0**	

5.	Material data sheets	The tenderer shall provide the data sheet as minimum. Which should contain technical specification and the drawing layout of the spares listed in section **3.1.1. (1,2,3, 5, 11 & 15)** of the scope of work.	The Tenderer supplied All data sheet with technical information and layout drawings.	**5**	**10**
			The Tenderer supplied 3 to 5 data sheets with technical information and layout drawings.	**4**	
			The Tenderer supplied 1 to 2 data sheets with technical information and layout drawings.	**2**	
			No Submission/ incorrect data sheets submitted	**0**	
			TOTAL: 100		

2.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
N/A		
Qualitative Criteria Number	**TET 1**	**TET 2**
1.	**X**	**X**
2.	**X**	**X**
3.	**X**	**X**
4.	**X**	**X**
5.	**X**	**X**

2.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

2.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	None

Table 6: Unacceptable Technical Risks

Risk	Description
1.	None

2.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None

3. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Sizwe Buthelezi	SSC System Engineer, Auxiliary Engineering, Matimba Power Station
Gift Nkuna	Manager Auxiliary Engineering, Matimba Power Station
Jacky Mathobela	Engineering Manager, Matimba Power Station
Sipho Honono	Senior Technician Mechanical

4. REVISIONS

Date	Rev.	Compiler	Remarks
July 2024	0.1	SM Buthelezi	First Draft
November 2024	1.0	SM Buthelezi	Final Document
July 2026	2.0	SM Buthelezi	Revising criteria, TES threshold and Percentage allocation on criteria 2 and 3.

5. DEVELOPMENT TEAM

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

- Sizwe Buthelezi.

6. ACKNOWLEDGEMENTS

Not Applicable