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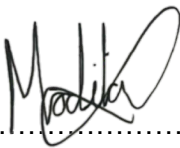
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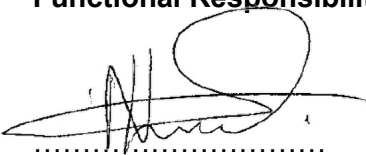
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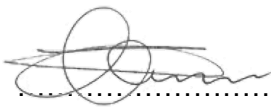
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1. INTRODUCTION

This Tender Technical Evaluation Strategy (TTES) entails the technical specification and methodology on how the tenderers in relation to the repair(s) and/or refurbishment of strategic key to the Coal Bunker equipment and components will be evaluated as entailed in the NEC document (SOW) at Matimba Power Station.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope in this Tender Technical Evaluation Strategy (TTES) will be inclusive of Mechanical works associated with key Coal Bunker Equipment and components such as liner plates.

The scope entails all engineering and project works in relation to repairs/replacements/refurbishments/installations/commissioning, and other associated works to return the plant to good health as per contractual obligation between the service supplier (contractor) and the client (Eskom-Matimba Power Station). Any other services herein not covered is not catered by this scope and if needs be such arising services will have to be subjected to negotiations, agreed between the affected parties, and thereby reduced into written and authenticated agreement.

Important to note that the project scope entails, repairs, replacements, refurbishments, installation, testing, and commissioning of all Mechanical *works*

2.1.1 Purpose

The purpose of this TTES is to define the Quantitative Evaluation Criteria and TTET 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 applies to the Matimba Power Station Coal Bunkers.

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] 240-62196227, Life Safety Rules.
- [4] Coal Bunker Mechanical Scope of Work.
- [5] Occupational Health and Safety Act, Act 85 of 1985.

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2.2.2 Informative

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

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
ISO	International Organization for Standards
SoW	Scope of Work
QCP	Quality Control Plan
TET	Technical Evaluation Team
TTES	Tender Technical Evaluation Strategy

2.5 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.

2.6 PROCESS FOR MONITORING

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

2.7 RELATED/SUPPORTING DOCUMENTS

[7] Not applicable.

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3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION METHOD[1]

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the requirements. Tenderers need to have a weighted score of 70% overall or above to technically qualify for further evaluation. The technical criteria and weighting is broken down as follows:

1. Technical: 100%

The evaluation of the tender submission will be based on the tenderer's ability to meet the Engineering requirements. A weighted score card approach will be used to evaluate the tender submission against the specifications and Employer's requirements. The scoring method will be as shown below:

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT - Meet technical requirement(s) AND; - No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS & PROFESSIONAL BODIES - Meet technical requirement(s) with; - Acceptable technical risk(s) AND/OR; - Acceptable exceptions AND/OR; - Acceptable conditions.
2	40	NON-COMPLIANT - 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.		

The evaluation scores will be weighted as follows according to disciplines:

Technical (100%)	
Demonstrate technical capacity to execute SoW of similar scope	20%
Demonstrate technical competency to execute the <i>works</i>	40%
Demonstrate experience of <i>contractor</i> and execution team to execute the <i>works</i>	40%
TOTAL (100%)	

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Overall minimum threshold for qualification (70%)
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3.2 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%. With the following mandatory gatekeepers as set out below and failure to meet all of them automatically will lead to disqualification.

3.3 MANDATORY GATEKEEPERS

This section will not be applicable, there are **NO** mandatory gatekeepers for this tender inquiry.

3.4 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Tshegofatso Modiba	Coal Plant System Engineer
TET 2	Sizwe Buthelezi	SSC System Engineer
TET 3	David Mabela	Senior Supervisor Workshop

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3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Below is the Qualitative Technical Evaluation Criteria that will be used for the mechanical works to evaluate the bidders for the Matimba Power Coal Bunker During Outage:

Table 2: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)		Criteria Sub Weighting (%)
1.	Demonstrate technical capacity to execute SoW of similar scope relating to Coal Bunker			10%		100%
		Statement of the scope including the following:				
	1.1	Company profile relating to Bulk Materials Handling	This includes the following returnable: - Submission of company profile - Company letterhead	Returnable submitted 4	5	5%
				Returnable submitted 3	4	
				Returnable submitted 2	2	
				No submission	0	
	1.2	The number of resources that are to be allocated and used in the execution of the works.	This includes the following returnable: - Project organogram including hierarchy and reporting structure. - Detailed project plan with activity schedule - The number of fully dedicated manpower (including manhours) to be used at every stage of work execution.	All returnable submitted and satisfactorily meets all requirements	5	5%
				All three (3) requirements submitted and acceptable	4	
				Not all submitted and/or quality of submission does not address requirements	2	
				No Submission	0	

2.	Demonstrate technical competency to execute the works			40%		
	Statement of the scope including the following:					
2.1	Proof of competency and skills of contractor's execution team to deliver the works this includes but not limited to academic qualifications and professional certificates of personnel. - Site manager - Safety officer - Supervisor - Quality Control Inspector - Planner - Mechanical fitter - Boilermaker - Rigger - Welder A class - Pipe Fitter - Unskilled	This includes the following returnable: - Curriculum Vitae (CVs) - Academic qualifications - Trade Tests certificates and other related training certificates Please note these are the returnable required for every member of the execution team for the works	Site manager, Safety officer, Supervisor, Quality Control Inspector, Planner, Boilermaker, Welder A class, and Rigger has 5 or more years' relevant experience.	5		
			Site manager, Safety officer, Supervisor, Quality Control Inspector, Planner, Boilermaker, Welder A class, and Rigger has 3 to 4 years' relevant experience.	4		10%
			Site manager, Safety officer, Supervisor, Quality Control Inspector, Planner, Boilermaker, Welder A class, and Rigger has 1 to 2 years' relevant experience.	2		
			No submission or submitted with deviations.	0		
2.2	Method statement must demonstrate the competency to execute the works for the SoW	This includes the following returnable: <u>Repairs/replacements/refurbishments and/or installation methodology</u>	All returnable submitted and satisfactorily meets all requirements	5		20%

			- Describe how the key equipment/components in details will be repaired/replaced/refurbished and/or installed. - Provide repair/replacement/refurbishment and/or installation procedures or guidelines for key components. - Provide QCPs templates.	All returnable submitted and acceptable	4	
				Not all returnable submitted and/or method statement does not meet the requirements	2	
				No submission	0	
			<u>Testing and Commissioning of plants, machines, and subsystems</u> Below are the requirements: - Describe how the key equipment/components/plant/machines and/or subsystems in details will be tested and commissioned. - Provide commissioning and testing procedures for key components/parts/machines/plant and/or subsystems. - Provide handover certificates templates.	All returnable submitted and satisfactorily meets all requirements	5	
				All returnable submitted and acceptable	4	
				Not all returnable submitted and/or method statement does not meet the requirements	2	
				No submission	0	
3.	Demonstrate experience of contractor and execution team to execute the works			50%		
	Statement of the scope including the following:					

	3.1	The bidder shall demonstrate that it has successfully completed works of a similar scope on The Coal Bunkers	This includes the following returnable: <u>Documentary evidence and/proof of completed similar type of works within the past ten (15) years shall include the following but not limited to:</u> - Include project name and client project number. - Project description. - Project completion certificates and appointment letter. - Previous project price. - Reference letter from employer/clients (contactable references)	All returnable submitted and satisfactorily meets all requirements	5	25%
				All returnable submitted and acceptable	4	
				Not all returnable submitted and does not meet the requirements	2	
				No submission	0	
			This includes the following returnable: <u>Documentary evidence and/proof of completed similar type of works within the past ten (15) years shall include the following but not limited to:</u> - Repair and installation work on the Coal Bunkers	10 or More years of Repair and installation experience	5	25%
				5 to 9 years of repair and installation experience	4	
				2 to 4 years of repair and installation experience	2	
				No submission, repair and installation experience not relevant or satisfactory.	0	

3.6 TET MEMBER RESPONSIBILITIES

On the Table below are the TET member responsibilities based on the Qualitative Technical Evaluation Criteria:

Table 3: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
N/A	N/A	N/A	N/A
Qualitative Criteria Number	TET 1	TET 2	TET 3
1.			
1.1	X	X	
1.2	X	X	
2.			
2.1	X	X	
2.2	X	X	
2.3	X	X	
3.			
3.1	X	X	

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	The tenderer has minor deviations in terms of Coal Bunker repair experience and tasks that are required by the works and experience of staff.
2.	
3.	
4.	

Table 5: Unacceptable Technical Risks

Risk	Description
1.	The tenderer's QCP has major deviations from the tasks required to be done
2.	The tenderer's staff have insufficient experience.
3.	The tenderers previous work tasks do not correlate to a large extent with the work tasks required to complete the scope
4.	

3.7.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	None
1.	

2.	
----	--

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	None
2.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
G Nkuna	Manager Auxiliary Engineering, Matimba Power Station
T Modiba	Coal System Engineer, Auxiliary Engineering, Matimba Power Station
J Mathobela	Engineering Manager, Matimba Power Station
SM Buthelezi	SSC System Engineer, Auxiliary Engineering, Matimba Power Station

5. REVISIONS

Date	Rev.	Compiler	Remarks
June 2024	0	T Modiba	Draft document for comment

6. DEVELOPMENT TEAM

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

- Tshegofatso Modiba

7. ACKNOWLEDGEMENTS

N/A

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