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1. INTRODUCTION

Matimba Power Station has an Emergency Ash Offloading facility for temporary storage of the ash on ad hoc basis should the downstream ashing system(s) be out of service. The footprint has since been outgrown by the demand of the capacity that needs to be retained on temporary basis to the extent that the ash is stored in a noncompliant manner. According to the National Environmental Management Waste Act (NEMWA) Norms and Standards the storage ought to be lined to prevent ground contamination.

The scope of the project is to upgrade the facility through design documentation review and/ optimisation of the designs by *Others*, provision of additional concrete slab to overlay the ground, provision of retaining wall and post construction documentation.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document outlines the technical evaluation strategy that will be adopted for the assessment of suitable supplier for executing the Emergency Ash Offloading Facility Upgrade scope. The strategy is for evaluating Suppliers for both elements of the scope, namely design and construction of the facility.

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 strategy is applicable to Matimba Power Station Upgrading of Emergency Ash Offloading project.

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: Generation Tender Technical Evaluation Procedure

[2] SOW/UET/004 Upgrading of Emergency Ash Offloading Facility Scope of Work

2.2.2 Informative

[3] GN 926 Norms and Standards for the Storage of Waste, 2013

2.3 DEFINITIONS

Supplier	A provider, or potential provider, of goods, works or services to Eskom.
Tenderer	A potential supplier who submitted a tender to Eskom for the provision of goods, works or services.

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TET Members	The tender evaluation team members are the stakeholders responsible for assessing the Supplier(s) returnables for the tender transaction.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CIDB	Construction Industry Development Board
ECSA	Engineering Council of South Africa
NEMWA	National Environmental Management Waste Act
SACPCMP	South African Council for the Project and Construction Management Professions
SOW	Scope of Work
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure for Generation

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

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%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Joseph Motsweni	Civil System Engineer
TET 2	Rene Davel	Civil System Engineer
TET 3	Thato Motadi	Civil System Engineer

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3.3 MANDATORY 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.	CV for the professionally registered Engineer (Pr. Eng) who will be undersigning the design and the works. (Note: should the Supplier(s) intend on sub-contracting the works there will need to be a letter signed by both parties stating the intention)	A detailed CV with the following information. a) The experience in design works of similar structures. Minimum of 5 years. b) The experience in construction monitoring in similar structures. Minimum of 5 years. c) Certified qualification of the Civil Engineer d) Valid ECSA registration certificate	NEMWA Norms and Standards GN926 requires that the person to perform the design must be ECSA registered.
2.	CV for the SACPCMP professionally registered Construction Manager.	A detailed CV with the following information. a) The experience in management of similar structures. Minimum of 10 years. b) Certified qualification c) Valid SACPCMP registration certificate	Construction regulation requires that there be a competent person appointed as Construction Manager.
3.	Confirmation letter to undertake the design liability and provision of construction monitoring. The letter should be signed by the Supplier's top management and the Design Engineer.	a) The Supplier must submit a letter to undertake full design liability and accountability for the existing designs. b) The letter shall explicitly state the following details of Design Engineer. • Full name(s) • Valid ECSA Professional Registration Number	The scope of work includes element of design, and therefore the Supplier will need to take design accountability in addition to the available design information.

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.	**Technical Proposal for Design Scope**		**20**	
	The Tenderer shall submit a proposal/method statement shall have highlight the following as a minimum; **a)** Detailing all provisions, **b)** Roles and Responsibility of all roles players **c)** Details of communication and coordination matrixes **d)** Detailed activities associated with the scope, **e)** Details on verification of existing information **f)** Details on how design reviews will be conducted **g)** Details of all the testing that will be conducted **h)** Details of investigations **i)** Quality Assurance and Control during design phase, **j)** Risk Assessment related to the scope. **k)** Details on regulatory requirements and the design compliance. **l)** List applicable deliverables. The Tenderer shall clearly highlight the approach and process of, inter alia, design reviews and assuming professional design responsibility for the existing	Total deficiency AND non-compliance to the SOW. Proposal and/or methodology does not cover item A-L. It is unlikely to meet project requirements.		0=0
		NON-COMPLIANT Not relatable or not from another project OR non-compliance to the SOW Does not meet technical requirements(s) AND/OR; contains Unacceptable technical risk(s) Proposal and/or methodology does not cover item A-C and L. It is unlikely to meet project requirements. Unacceptable exceptions		2=40
		COMPLIANT WITH ASSOCIATED QUALIFICATIONS Partial deficiency AND compliance to the SOW.		4=80

	design information including design review durations (if any) and providing technical assurance during execution. The Tenderer shall demonstrate quality assurance plan relative to the scope.	Technical approach is generic and not tailored to address specific project requirements. Method Statement/Proposal omits some critical activities (A-C) but meets technical requirements.		
		Complete compliance to the SOW. • Method Statement address the specific project requirements. It covers item A-L. • Exceeds requirements whilst adding value • No unforeseen technical risk(s) in meeting technical requirements. Meets technical requirements,		5=100
2.	**Construction Method Statement**		**20**	
	The Tenderer shall document and submit a construction method statement detailing all the activities associated with the scope of work. The method statement shall demonstrate how the Supplier will carry out the earthworks and concrete works, while also highlighting the quality interventions that will be observed during the implementation of the works.	Total deficiency AND non-compliance to the SOW		0=0
		NON-COMPLIANT Not relatable or not from another project OR non-compliance to the SOW Does not meet technical requirements(s) AND/OR; contains Unacceptable technical risk(s)		2=40

	NB. The assessment will be based on the demonstration of the Supplier's understanding of the scope associated with the construction works informed by the current designs.	Proposal and/or methodology is poor/is unlikely to meet project requirements. Unacceptable exceptions		
		COMPLIANT WITH ASSOCIATED QUALIFICATIONS Partial deficiency AND compliance to the SOW. Technical approach is generic and not tailored to address specific project requirements. Method Statement/Proposal omits some critical activities but meets technical requirements.		4=80
		Complete compliance to the SOW. • Method Statement address the specific project requirements. • Exceeds requirements whilst adding value • No unforeseen technical risk(s) in meeting technical requirements. Meets technical requirements,		5=100
3.	**CVs of key staff members and Organogram**		**15**	
	The Tenderer shall submit the CVs for the Designer Site Representative, Safety Officer and Land Surveyor.	Experience has no overlap to match the role and responsibility of the Design Site		0=0%

	The CVs shall clearly demonstrate the following as a minimum; a) Experience of the key person in relation to the Scope of Work. (Note the experience should be post professional registration for all the key persons) • Designer Site Rep requires 5 years' experience post qualification of a National Diploma in Civil Engineering. • Surveyor requires 5 years' experience. b) Certified relevant qualifications. c) SAGC for the Land Surveyor The Tenderer shall submit an organogram of key personnel and project professional team. The organogram shall clearly indicate the individual(s) name and project role. The Tenderer shall submit a signed letter confirming the resource availability for the Project.	Representative and Surveyor. Any of the key persons has less than 1 year of experience.		
		NON-COMPLIANT CV Of Proposed Dedicated Design Site Representative and Surveyor. With no Organogram CV's Of Proposed Full Time Project Team • Surveyor has 1-2 years' experience. • Design Site Representative has 1-2 years' experience. • Signed letter not submitted.		2=40%
		CV Of Proposed Dedicated Design Site Representative and Surveyor. With Organogram and fully related experience but partially verifiable • Surveyor has minimum of 2-4 years of experience. • Design Site Representative has minimum 2-4 years of experience.		4=80%

		• Letter confirming resource availability is absent but otherwise submission is compliant		
		CV Of Proposed Dedicated Design Site Representative and Surveyor. With Organogram fully relatable experience and fully verifiable Has fully met the requirements. Compliant organogram • Surveyor has minimum than 5 years of experience. • Design Engineer has minimum of 5 years of experience. • Signed letter confirming availability of resources.		5=100%
4.	**Relevant experience in the construction of waste storage facility.**		**40**	
	Tenderer's relevant experience construction of similar *works specified in the Tender:* The Tenderer shall provide past track record of at least 3 (three) completed projects in the past 10 years as a minimum for the construction for projects similar or comparable to the works. Provide completion certificates for the construction of the following minimum information:	TOTALLY DEFICIENT 0 completed projects of construction of similar or comparable to the scope		0=0%
		1 completed construction project that is similar or comparable to the scope Project related information is mostly not verifiable/listed/submitted.		2=40%

	1. Name of company/client where project was executed. 2. Contract number or order number. 3. Project Description of works performed. 4. Construction duration (start and end-date) 5. Contract value (for scope performed) 6. Verifiable contact person (name, designation and contact details). Caveat: where the Tenderer intends to sub-contract or to form a joint venture partnership, the Tenderer shall submit a signed partnership agreement and/or signed letter of intent including the track records (in the above format) of each party involved.	2 completed construction projects that have similar or comparable to the scope Project related information is mostly but not fully submitted/verifiable		4=80%
		COMPLIANT 3 or more completed construction projects that have similar or comparable to the scope.		5=100%
5.	**High level programme**		**5**	
	The Tenderer shall submit a high-level schedule with all the milestones and dates (start and completion) and duration for each activity. The schedule shall show all the activities for both the design and construction works. The programme shall cover the following milestones and breakdown of associated activities. a) Investigations b) Designs completion c) Site Establishment d) Construction works e) Rehabilitation	TOTALLY DEFICIENT or NON-RESPONSIVE		0=0%
		NON-COMPLIANT • 50% of programme requirements met AND/OR; Unacceptable technical risk(s) • Exceeds the allocated project duration • Unacceptable conditions • Does not indicate critical path.		2=40%

	f) Post construction and commissioning	Programme omits some activities but is partially compliant to Employer's dates and requirements.		
		COMPLIANT WITH ASSOCIATED QUALIICATION • Programme partially met (60% to 85% of requirements). • Meet technical requirement(s) with acceptable: technical risk(s) AND/OR exceptions AND/OR conditions. Programme omits some activities but is mostly compliant the project duration.		4=80%
		COMPLIANT • Fully compliant to requirements. • Within the allocated project duration Programme supplied without deviations and complied to Employers objective.		5=100%
			TOTAL: 100	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Value Engineering proposals, that will highlight the benefits to the project in terms of cost, time and/ quality.
2.	Additional changes that are technically sound, adding value to safety and health.

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Tenderer Design Engineer has less than 5 years of experience post ECSA registration and less than 5 year experience designing of waste storage facility.
2.	Tenderer Construction Manager doesn't have registration with SACPMCP
3.	Tenderer cannot take accountability of the design and construction works.
4.	Tenderer through submitted Technical Proposal fails to illustrate understanding of the regulatory and legislative requirements for the scope.
5.	Tenderer failure to demonstrate through the project organogram, the roles and responsibility of staff to be involved with the project.

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Additional activities on the schedule which will not result in the overall delay of the project delivery date.

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description

1.	Tenderer submits a generic Technical Proposal that is not tailored for the project.
2.	Tenderer submits Method Statement of completely irrelevant scope of work.
3.	Tenderer Surveyor and Designer Site Representatives has 1-2 years' experience, individually.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Joseph Motsweni	Civil System Engineer	
Rene Davel	Civil System Engineer	
Thato Motadi	Civil System Engineer	

5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2026	0.1	J Motsweni	Draft
May 2026	0.2	J Motsweni	Incorporation of the comments on the Mandatory and Qualitative criterions
July 2026	0.3	J Motsweni	Amended the Qualitative Criteria on Design experience of the Supplier(s)
July 2026	1	J Motsweni	First Revision
Sep 2026	2	J Motsweni	Amended the Mandatory & Qualitative Requirements.

6. DEVELOPMENT TEAM

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

Rene Davel, Thato Motadi and Mpolokeng Mampane

7. ACKNOWLEDGEMENTS

Rene Davel

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