Eskom	Strategy	Generation Engineering

Title: **Tender Technical Evaluation Strategy for the ash dam solution trench repairs project**

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TABLES

1. INTRODUCTION

The solution trenches various panels are in disrepair and need urgent repairs and reconstruction. There has been erosion under the solution trenches which is causing the panels to collapse in, the depth of the sinkhole is extending to a depth of 4.5m below ground level. It is required that the ash dam solution trench be repaired and reconstructed in other sections to ensure safe conveyance of water without contravening environmental regulations.

The tender evaluation strategy was developed for the purpose of obtaining a contractor to repair and reconstruct the solution trench.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the technical evaluation criteria to be utilised for the process of evaluating the tender submissions for the solution trench repairs at the ash dam.

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 Duvha Power Station only.

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] 32-1034 Eskom Procurement and Supply Chain Management Procedure

[3] 240-44682850: PCM – Provide Engineering During Project Sourcing

[4] 32-1033: Eskom Procurement and Supply Chain Management Policy

[5] Scope of Works for the ash dam solution trench repairs at Duvha Power Station

2.2.2 Informative

[6] None

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
TET	Tender Evaluation Team
PCM	Process Control Manuals

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	[redacted]	System Engineer: Water retaining structures
TET 2	[redacted]	System Engineer: Structures

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

None

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 2: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Description	Score	Sub criteria weighting (%)
1.	**Contractor experience**					
	1.1	Completion letters or completion certificates The contractor must have experience in the construction of concrete channels as well as layerworks. The contractor shall provide 4 completion certificates or completion letters reflecting the following: • Client name • Project description of work performed • Project start and end dates • Name, designation and contact number of the reference person At least one completion certificate should be for layerworks and at least 3 completion certificates for concrete channels should be submitted	Completion letters or completion certificates	No completion certificates or completion letters of similar scope were submitted or only completion certificates for layerworks were submitted or only certificates for concrete channels were submitted.	0	30
				Only two completion certificates or completion letters were submitted (one for layerworks and one for concrete channels).	2	
				Only three completion certificates or completion letters were submitted (one for layerworks and two for concrete channels).	4	
				Four or more completion certificates were submitted (One for layerworks and three for concrete channels)	5	

	1.2	**Technical lead/ site agent.** The technical person must have a minimum qualification of a diploma in civil engineering and have at least 4 years' experience in civil engineering construction projects reflecting in their CV	CV and qualification	The technical person did not provide a CV and qualification or has less than one year in civil engineering construction projects reflecting on the CV.	0	15
				The technical person provided a CV and qualification, has more than one year experience but less than three years experience in civil engineering construction projects reflecting on the CV.	2	
				The technical person provided a CV and qualification, has more than three years experience but less than four years experience in civil engineering construction projects reflecting on the CV.	4	
				The technical person provided a CV and qualification, has four or more years experience in civil engineering construction projects reflecting on the CV.	5	
	1.3	Experience for a project manager The project manager must have at least 3 years' experience as a construction project manager and have a minimum qualification of a diploma in project management.	CV and Qualification	The CV and qualification were not provided or the project manager has less than 1 year experience as a project manager.	0	15
				CV and qualification submitted, the project manager has more than one year experience but less than 2 years experience in civil construction projects as a project manager.	2	
				CV and qualification submitted, the project manager has experience between 2 and 3 years in civil construction projects as a project manager	4	

				CV and qualification provided, the project manager has 3 or more years experience in civil construction projects as a project manager.	5	
2.	**Compliance to scope**					
	2.1	**Method statement** Provide a method statement for the works described on the scope of work or technical specification. The method statement must include the following key points as minimum: • Isolations of sections to execute the construction • Repairs of the solution trench panels • Concrete works for casting of the channel panels • Backfilling and compaction of section 12 (as per scope of work)	Method statement	No method statement submitted or the method statement is generic, does not address the scope of work to be executed on this project.	0	30
				The method statement addresses the scope of work to be executed on this project but only covers 1 to 2 key points	2	
				The method statement addresses the scope of work to be executed on this project but only covers 3 key points	4	
				The method statement addresses the scope of work to be executed on this project and covers all 4 key points	5	
	2.2	**Site organogram** A proposed organogram of key personnel for this project which must include but not limited to the following skills: • Technical person (engineer)		Organogram is not provided, or does not show names of people or people on the organogram do not align with CVs provided.	0	10
				The organogram is provided with 2 or less required skills, showing their names and their CVs are provided	2	

		• Project manager • Safety officer • Quality assurance personnel **CVs for all personnel on the organogram must be submitted.**		The organogram is provided and has 3 required skills, showing their names and their CVs are provided	4	
				The organogram is provided and has all 4 required skills, showing their names and their CVs are provided	5	
				TOTAL: 100		

3.5 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2
1.1	X	X
1.2	X	X
1.3	X	X
2.1	X	X
2.2	X	X
2.3	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 3: Acceptable Technical Risks

Risk	Description
1.	

Table 4: Unacceptable Technical Risks

Risk	Description
1.	

3.6.2 Exceptions / Conditions

Table 5: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	

Table 6: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	If the tenderer submits a method statement with major deviations to the scope to be executed

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
[redacted]	System engineer – Civil and structures	
	System engineer – Water retaining structures	

5. REVISIONS

Date	Rev.	[redacted]mpiler	Remarks
January 2025	0.1		First draft for review
January 2025	1.0		Final draft for signatures

6. DEVELOPMENT TEAM

The fo[redacted]ple were involved in the development of this document:

[redacted]ENTS