Eskom	Strategy	Generation Engineering

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TABLES

1. INTRODUCTION

The ash dam northern side has an area called the V-section which has constant flow of seepage which could affect the stability of the dam due to the erosion of material as well as saturation of this area. The solution to the identified problem is the installation of the elevated drains on this section of the ash dam to collect seepage and discharge it into the solution trench.

The tender evaluation strategy was developed for the purpose of obtaining a contractor to construct the elevated drains at the ash dam.

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 installation of elevated drains at the ash dam. The criterion consists of qualitative requirements.

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.

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 installation of elevated drains at the ash dam

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
AWR	Ash Water Return
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	Vusi Chirwa	System engineer: Structures
TET 2	Mphokuhle Khohliso	System engineer: Water retaining 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	Criteria Sub Weighting (%)
1.	**C**ontractor experience					
	1.1	Completion letters or completion certificates The contractor must have experience on installation of pipes or construction of stormwater management systems. The contractor shall provide 3 completion certificates or completion letters reflecting the following: • Client name • Project description of work performed. • Project start and end date. • Name, designation and contact number of reference person	Completion letters or completion certificates	No completion certificate of similar scope submitted	0	30
				Only one completion certificate of similar scope was submitted	2	
				Only two completion certificates of similar scope were submitted	4	
				Three completion certificates of similar scope were submitted	5	
	1.2	Experience for a Technical person The technical person must have a minimum qualification of a diploma in civil engineering	CV and qualification	The technical person did not provide a CV or has less than one year experience in civil engineering construction projects or technical person did not provide the required qualification.	0	20

		and have at least 4 years experience in civil engineering construction projects.		The contractor provided the required qualification and a CV reflecting the experience and has experience between 1 to 2 years in civil construction projects.	2	
				The contractor provided the qualification required and a CV reflecting their experience and has between 2 to 3 years experience in civil construction projects.	4	
				The contractor provided the CV reflecting the their experience and has at least 4 years experience in civil construction projects. The contractor also provided the minimum qualification required	5	
	1.3	Experienced project manager The project manager must have at least 3 years experience as a project manager. A CV shall be submitted clearly showing the start and end dates of experience gathered as well as the roles and responsibilities.		No CV submitted and qualification submitted	0	20
				CV and qualification submitted, project manager has only 1 year experience in project management	2	
				CV and qualification submitted, project manager has only two years experience in project management	4	
				CV submitted, project manager has at least 3 years experience in project management	5	
2.	**C**ompliance to scope					
	2.1	Method statement for the works as described on the Scope of Work. Method statement must include the following key points as minimum:	Method statement	No method statement submitted, or the method statement does not address the works to be executed	0	20
				Method statement submitted and only covers 1 key point	2	

		• Dealing with water for a saturated area with constant seepage flow including the equipment to be used • Excavations and bedding layer construction • Concrete works for seepage collector and connector boxes		Method statement was submitted but only covers 2 key points	4	
				Method statement was submitted and covers all 3 key points	5	
	2.2	Project schedule The tenderer shall submit a Project Schedule and ensure that the works are completed within acceptable durations that are consistent start and completion dates provided for in the contract data. Activities must be executed chronologically and o=activities that will be done concurrently. The schedule must indicate the following as a minimum: • Full scope of works for construction. • Breakdown and linking of all activities clearly indicating activities that will be executed chronologically and activities that will be executed concurrently. • Timelines and execution of activities • Critical path • Float		Project schedule not provided or project schedule is not for the works to be executed as per scope of work	0	5
				Project schedule covers only 3 key points or less	2	
				Project schedule covers at least 4 of the mentioned key points and the breakdown and linking of activities is detailed logically	4	
				Project schedule covers all the 5 key points and the breakdown and linking of activities is detailed logically.	5	
	2.3	Site organogram	Site organogram	Organogram is not provided, or does not show names of people or people on the organogram does not align with CVs provided	0	5

		A proposed organogram of key personnel for this project which must include but not limited to the following skills: • Technical person (engineer) • Project manager • Safety officer • Quality assurance personnel **CVs for all personnel on the organogram shall be provided.**		The organogram is provided with 2 or less required skills and their CVs	2	
				The organogram is provided and has 3 required skills and their CVs	4	
				The organogram is provided and has all four required skills and their CVs	5	
				TOTAL: 100		

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

3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	
2.	

Table 5: Unacceptable Technical Risks

Risk	Description
1.	
2.	

3.5.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	
1.	

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	
2.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Vusi Chirwa	Civil engineer – Civil & Structures	

5. REVISIONS

Date	Rev.	Compiler	Remarks
October 2024	0.1	MA Khohliso	First draft for review
October 2024	1.0	MA Khohliso	Final draft for signatures

6. DEVELOPMENT TEAM

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

MA Khohliso

E Kisaame

7. ACKNOWLEDGEMENTS

E Kisaame