Eskom	Strategy	Engineering

Title: **Tender Technical Evaluation Strategy for Eskom Village Road repairs**

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TABLES

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1. INTRODUCTION

The Eskom village is a training centre located 2.8km outside the Power Station. The access road to Eskom village joins the D2771 municipality road. The access road is unpaved (gravel) and the total length of the road is 0.8km from the D2741 intersection. The road width is approximately 8m with no shoulder. Visual evaluation of the condition of the road was done and it was noted that the road has different distress average of degree 2 and extend to 4. Re-graveling of the existing unpaved gravel roads to prevent the condition of the road to worsen and improve the drivability is required. It was also observed that the storm water drainage of the road area is very poor and most of the road distress surface during rainy seasons due to poor stormwater drainage on the road. Therefore, a contractor is required to address the storm water drainage issue as well by making allowance for water to drain away from the road.

The tender evaluation strategy was developed for the purpose of obtaining a contractor to repair the Eskom village access road and address stormwater drainage issues as per scope of works.

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 repair of the Eskom village road. The criterion consists of mandatory requirements and 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 Eskom Village access road repair

2.2.2 Informative

[6] None

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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
PCM	Process Control Manuals
PPE	Personal Protective equipment
QA	Quality Assurance
QC	Quality Control
QCP	Quality Control Plan
TET	Tender Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

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

2.6 PROCESS FOR MONITORING

As per 32-1034 Eskom Procurement and Supply Chain Management Procedure

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	Mphokuhle Khohliso	System Engineer: Civil Structures
TET 2	Vusi Chirwa	System Engineer: Civil Structures

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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.	Contractor experience			**20**		
	1.1	A minimum of 5 years experience and evidence of completed construction works for roads, that are relevant to the works required in this package. Completion letters or completion certificates shall be submitted which reflects the following key points: • Project description of work performed. • Project cost • Project start and end date. The client name, and the reference person shall also be reflected on the completion certificates as they are mandatory though they will not be counted as key points. The reference person shall reflect the name, designation and contact number of the person. The tenderer submits a list of traceable references which adequately proves that the tenderer has at least four (4) contracts with completion certificates successfully executed of similar scope in the last ten (10) years.	Completion certificates or completion letters	No relevant completion letters/certificate submitted.	0	**20**
				Completion certificate or letters of similar scope submitted. The completion certificates only cover 2 key points, has 1-2 completion certificates in the last 10 years and has less than 3 years experience.	2	
				Completion certificates or letters cover all 3 key points, have a minimum of 5 years experience and has 3 completion certificates in the last 10 years.	4	
				Completion certificates or letters cover all 3 key points, has 4 or more completion certificates in the last 10 years, has at least 5 years of experience.	5	

2.	Site personnel			**30**		
	2.1	Project manager – Qualified project manager with a certificate from SACPCMP. The project manager must have at least 3 years experience. 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	0	**10**
				CV submitted, project manager has only 1 year experience in project management	2	
				CV 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	
	2.2	Site supervisor – A supervisor with a supervisory certificate with at least 3 years experience. A CV shall be submitted stating the start and end dates as well as roles and responsibilities		No CV and certificate submitted	0	**10**
				CV and certificate submitted, site supervisor has only 1 year experience	2	
				CV and certificate submitted, site supervisor has only 2 years experience	4	
				CV and certificate submitted, site supervisor has at least 3 years experience	5	
	2.3	Technical person – Qualified civil engineer or civil technician with at least 3 years experience in roads, the technical person must have executed at least 3 projects related to road construction. A CV shall be submitted stating the start and end dates of work experience gathered clearly indicating the roles and responsibilities on the project		CV and Civil engineering qualification not submitted	0	**10**
				CV and Civil engineering qualification submitted, technical person only has 1 year experience in road construction or road rehabilitation works	2	
				CV and Civil engineering qualification submitted, technical person only has 2 years experience in road construction or road rehabilitation works	4	

				CV and Civil engineering qualification submitted, technical person has at least 3 years experience in road construction or road rehabilitation works	5	
3.	Compliance to scope			**50**		
	3.1	A method statement detailing the following headings shall be provided for the works as described in the Scope of works to be implemented. The method statement for the road repairs shall include the following key points as minimum: • Layer works (repair method for the road layers). • Drainage • Compaction • Rehabilitation	Technical proposal	No method statement submitted or does not address the works to be executed.	0	**30**
				Method statement submitted but has major deviations of the works to be done. Covers only 1-2 key points.	2	
				Method statement submitted, addresses the works, does not deviate from the works to be done and covers three key points.	4	
				Method statement details fully how the scope will be met, provides comprehensive methodology of approach, and covers all the four key points in detail.	5	
	3.2	High level 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. The schedule must indicate the following as a minimum: • Full scope of works for rehabilitation of the road. • Breakdown and linking of all activities.	Project plan /Schedule	No submission	0	**20**
				Project schedule covers only 3 key points or less	2	
				Project schedule covers at least 4 of the mentioned key points	4	

		• Timelines and execution of activities • Critical path • Float		Project schedule covers all the 5 key points	5	
						Total: 100

3.5 TET MEMBER RESPONSIBILITIES

Table 3: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2
1.1.	X	X
2.1.	X	X
2.2.	X	X
2.3.	X	X
3.1.	X	X
3.2.	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 4: Acceptable Technical Risks

Risk	Description
1.	**None**

Table 5: Unacceptable Technical Risks

Risk	Description
1.	**If the tenderer does not submit both the method statement and project schedule**

3.6.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**If the tenderer submits a comprehensive methodology with minor deviations to the scope to be executed**

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**If the tenderer submits insignificant methodology with major deviations to the scope to be executed**

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Vusi Chirwa	System engineer- Civil structures	

5. REVISIONS

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

6. DEVELOPMENT TEAM

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

N/A

7. ACKNOWLEDGEMENTS

N/A

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