Eskom	Strategy	Engineering

Title: **Tender Technical Evaluation Strategy for Camden Coal stock Yard HDPE lining repairs project.**

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Compiled by	Functional Responsibility	Authorised by
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TABLES

1. INTRODUCTION

This document outlines the strategy and criteria that is to be used to evaluate the technical eligibility of various service providers and to determine which service provider's best identify and include all items required to form a complete, reliable, fit for purpose operating works, which complies with all the requirements as stipulated in the Scope of Work.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document is to capture the tender technical evaluation strategy for the Camden Coal stock yard HDPE lining repairs project.

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.

2.1.1 Applicability

This document applies to the Tender Evaluation Team for the Camden Coal stock yard HDPE lining repairs 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] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

229 T2274 SOW - Camden Coal stock yard HDPE lining repairs project.

[2] Definitions

2.2.3 Classification

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

2.3 ABBREVIATIONS

Abbreviation	Description
CoE	Centre of Excellence
EDWL	Engineering Design Work Lead
LDE	Lead Discipline Engineer
SHEQ	Safety, Health, Environment and Quality
TET	Technical Evaluation Team

2.4 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.5 PROCESS FOR MONITORING

N/A

2.6 RELATED/SUPPORTING DOCUMENTS

None

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation.

The technical criteria and weighting is broken down as follows:

a) Engineering: 70%

The evaluation strategy for Planning, Safety Health and Environmental as well as Quality is not included in this document as it does not form part of the Engineering scope. 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 follows:

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** • 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**

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

Engineering (70%)	
Civil Engineering	70%
Project Management (30%)	
Overall minimum threshold for qualification (70%)	

3.2 TET MEMBERS

Table 1: Core TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1: Civil Engineering	Nkanyiso Shozi	EDWL: Civil Engineer
TET 2: Environmental Department	Fikile Sithole	Senior Advisor Environmental
TET 3: Civil Engineering	Landiswa Mapukata	Senior Technician Maintenance

3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable
1.	Relevant experience (track record) – Dam lining and construction as the main contractor: The tenderer submits: • A list of traceable references which adequately proves that the tenderer has at least completed two (2) dam lining and construction contracts successfully of similar scope (i.e. HDPE lining of dams in the last five (5) years)	Tenderer must submit proof of previous lining contracts as appointment letters and completion certificates Start and finish must be included on an appointment letters and completion certificates Appointment letters and completion certificates must be signed by both parties (i.e. Client and tenderer)
2.	Proof of company`s permission to dispose hazardous waste material	Tenderer must submit a disposal certificate from a registered landfill site (certified copies of certifications and documents)
3.	Proof of company`s permission to transport hazardous waste material	Tenderer must submit a valid Hazmat permit/traffic permit (certified copies of certifications and documents)
4.	Proof of ISO 14001:2015 Environmental management Systems Accreditation	Tenderer must submit a valid ISO 14001:2015 Accreidation certficate
5.	CIDB Level 4	Tenderer must submit a valid CIDB certificate

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.	**Civil Engineering**			**100**	
	1.1	Availability of plant and equipment for execution of the project: • A list of plant and equipment to be used to execute the work and the Tenderer to state the availability of the required plant and equipment as per the proposed key date schedule taking the start and end date into consideration	-Tenderer must submit a list of available plant /equipment for the execution of the scope	20	
	1.2	Detailed method statement detailing construction approach which is in compliance to the full scope	-Tenderer must submit a method statement detailing how they would execute the works. -Method statement must be approved and signed by the tenderer	20	
	1.3	Key Resource Requirements for the site team: • Demonstrate how many proposed key personnel have worked on similar projects, • CV's demonstrating that each of the proposed key resources have a minimum of 5 -10 years' experience (construction manager, site manager), Construction manager to be professionally registered with SACPCMP. Copy of registration certificate to be provided. • Organogram of site team	-Tenderer must submit CV of their key resources -Tenderer must submit certified HDPE welding certificates and training -Tenderer must submit certified certificate of their appointed QC personnel -Tenderer must submit Site Manager`s certified SACPCMP certificate.	20	

		• If any of the resources are to be sub-contracted a letter of intent should be included in the submission.			
	1.4	A Proposed Schedule encompassing: • The CPM (Critical Path Method) technique is used for programme and planning. • The programme has in it, hold-points for approving of the works by the Employer's professional team (i.e. key milestones are incorporated into programme). The works is completed within accepted durations that are in consistence within the start and hand-over/completion dates provided for in the contract data.	-Tenderer must submit a level three programme	20	
	1.5	Proof of Quality Control training for HDPE/plastic welding personnel	- Tenderer must submit a certified copy of the certificate for their welder/quality control personnel as proof of training	20	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET3
1	X		X
2	X	X	X
3	X	X	X
4	X	X	X
5	X		X
Qualitative Criteria Number	**TET 1**	**TET 2**	
1.1	X	-	X
1.2	X	-	X
1.3	X	-	X
1.4	X	-	X
1.5	X	-	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	**N/A**

Table 6: Unacceptable Technical Risks

Risk	Description
1.	**N/A**

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**N/A**

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	**N/A**

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Fikile Sithole	Senior Advisor Environmental	

5. REVISIONS

Date	Rev.	Compiler	Remarks
July 2023	1.0	N. Shozi	Final document

6. DEVELOPMENT TEAM

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

N/A

7. ACKNOWLEDGEMENTS