Eskom	Strategy	Engineering

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Compiled by	Functional Responsibility	Authorized by
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TABLES

1. INTRODUCTION

This tender technical evaluation strategy explains exactly how the tenders will be evaluated for WTP and Slurry Plant Vessel and Pipeline rubber lining 5 year contract.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document concerns the refurbishment project for the WTP and Slurry Plant Vessel and Pipeline rubber lining 5 year contract.

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

Applicable to Matla 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] 240-48929482: Tender Technical Evaluation Procedure

2.2.2 Informative

[2] 240-56242363: Emissions standard

[3] MEP – 051361 – Vessel and piping rubber lining services for WTP and Slurry Plant for a period of 5 years on an as and when required basis

2.3 DEFINITIONS

None

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
QC	Quality Control

Abbreviation	Description
QCP	Quality Control Plan
QAL2	Quality Assurance level 2
SA	South Africa
OEM	Original Equipment Manufacturer
TET	Tender Evaluation Team
QMS	Quality Management System

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

Tender Technical Evaluation Scoring Form

3. TENDER TECHNCIAL EVALAUTION 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	XX	XX
TET 2	XX	XXX

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Evaluation Criteria	Reference to Technical Specification / Tender Returnable	Motivation & Comments
1.	**MANDATORY REQUIREMENTS/GATE KEEPERS:** Provide verifiable evidence that the Rubber Liner has experience in application of rubber lining in comparable environments i.e. tanks/confined spaces .	As minimum: 1. The experience shall be where corrosion protection systems were applied in comparable environments. For corrosion systems and environmental conditions refer to Eskom Scope MEP – 051361 and included rubber lining specification 2. The experience shall be where similar work completed is equal to **100m^2 per project**, as defined in enquiry and Scope of Work (SOW) MEP – 051361 documents. 3. The verifiable evidence shall be for projects where vessels have been successfully lined by the Contractor within the last five years. 4. The verifiable **evidence for each project** shall include formal **signed off QCP's or release certificates with total surface area of the vessels lined and contact details** (name and the number) for **at least 3 similar projects.** If sub-contracting, same information as above to be provided.	To ensure that supplier has adequate rubber lining experience and knowledge and can meet the stringent rubber lining requirements outlined in the scope of work

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

No.	Technical Requirements	Tender Returnables	Weight (%)	Scale/Scoring				Score
				0 (0%)	2 (40%)	4 (80%)	5 (100)	
1	Provide datasheets and MSDS for all products to be used for corrosion protection For rubber Lining work - Include abrasive blast material, primer, cleaning solvents, adhesives and all rubber lining compounds	As minimum the datasheets and MSDS shall contain the requirements specified in the Scope MEP – 051361 and rubber lining specification, which are - A description of the generic type of rubber lining and coating. - Rubber lining and coating materials (intermediate and final) physical and chemical properties (for rubber lining Table 4 of 6 - SANS 1198 shall apply). - Recommended and non-recommended uses. - Service temperatures and chemical resistance limits. For the rubber lining chemical resistance, special property (I), (III), (V) and (VI) as per SANS 1198 Clauses 4 2 2 (d), 4.2 3 (b) in conjunction with the environment and operating conditions in the table above in this specification sheet shall apply. Confirmation that the lining shall not contaminate the system/process fluid to be handled. Special property (V & VI) as per 240-101712128 and SANS 1198 The approved test results or certificates from the independent laboratory shall be written in English. - Maximum recommended service temperature which shall be a minimum of 30 % greater than the maximum temperatures as is indicated in the table at the top of this specification sheet - Surface preparation requirements - Abrasive blast material physical and chemical properties	*15%*	**No datasheet/MSDS** submitted or datasheets submitted are **missing minimum requirements stated**	**Less than 50%** of the datasheets to be used are provided and **contain requirements stated**	**50% of the datasheets** to be used are provided and **contain requirements stated**	**All the datasheets** to be used are provided and the datasheets **contain minimum requirements stated**	

No.	Technical Requirements	Tender Returnables	Weight (%)	Scale/Scoring				Score
				0 (0%)	2 (40%)	4 (80%)	5 (100)	
2	Provide a detailed procedures/method statements which detail all the steps, procedures and activities of the rubber lining and repair process for **BOTH VESSELS and PIPING**	The steps to be considered when compiling method statement/procedure for both the rubber lining process includes: - The methods, steps, sequence and equipment required for 1 Ventilation and dust mitigation. 2 Grease decontamination and washing. 3 Soluble salt decontamination 3 Methods for dust and debris removal, maintaining and ensuring cleanliness between adhesives and lining shall be described 4 The Method Statement shall detail the precise sequence and breakdown of work areas/activities in order to apply the system with due consideration of dust contamination. 6 The Method Statement shall also consider the most efficient methods and sequencing to avoid unnecessary delays that may have an impact i.e time required for removal of spent abrasive grit and dust/debris 7 All inspection interventions during and after completion of corrosion protection installation shall be considered and included and how these tests will be conducted **(VESSELS AND PIPING)** 8 The Method Statement shall describe all measures and details for establishing and maintaining: The environmental conditions as required by this specification The required ventilation for the prevention and/or management of fumes and dust build-up The number of extraction fans, mounting diameters, sizes and mounting methods of fans to manholes, power rating of fans; positioning of fans and direction of intended air flow shall be described and detailed 9 Rubber removal **(VESSELS AND PIPING)** 10 Surface preparation **(VESSELS AND PIPING)** 11 Application of primer, adhesives and rubber **(VESSELS AND PIPING)** 12 Rubber lining repairs	*40%*	No method statement provided	10 or less application steps covered	11 application steps covered	- All application steps (1-12) as stated are provided	

No.	Technical Requirements	Tender Returnables	Weight (%)	Scale/Scoring				Score
				0 (0%)	2 (40%)	4 (80%)	5 (100)	
3	Provide a detailed quality control plan (QCP) detailing all inspections and tests with acceptance criteria for rubber lining for **VESSELS and PIPING**	Inspections during rubber lining shall at least cover 1 compressed air blotter test for blasting, 2 surface preparation, 3 environmental parameters, and 4 rubber, hardness, adhesion, continuity and visual tests. Tests for continuity shall be carried out using the high frequency spark test method.	*25%*	No QCP provided	QCP provided but is missing 1 or more inspections and tests AND/OR 1 or more acceptance criteria	Only **1 QCP** provided for **either PIPING or VESSELS** covering all inspections and tests as stated with acceptance criteria provided	QCP provided for **BOTH pipes and vessels** covering all inspections and tests as stated with acceptance criteria provided	
4	Provide a list of deviations or exclusions from Scope MEP – 051361 and rubber lining specification If there are none then a definitive statement in this regard needs to be provided This document shall be a part of binding contract	Provide written, signed statement on company letterhead indicating the deviations from scope MEP – 051361 of work and their impact on the corrosion protection effectiveness	*10%*	**No** written **definitive statement** OR **written statement submitted** stated -1 or more **deviations that WILL** impact the performance of corrosion protection	Written **statement submitted** stated - **2 or more deviations that WILL NOT** impact the performance of corrosion protection	Written **statement submitted** stated - **1 deviation that WILL NOT** impact the performance of corrosion protection	Written **statement submitted stated - 100% compliance** to Eskom scope MEP – 051361 and rubber lining specification	
5	Site Supervisor Qualifications and work experience	Submit CV outlining the experience on vessel and piping rubber lining and proof of qualification certificates National diploma/Degree (Mechanical Engineering) for the site manager/supervisor	*10%*	**Information not submitted** OR inadequate qualifications	**CV provided** detailing **Less than 2 years experience** on vessel and piping rubber lining **plus National diploma/Degree (Mechanical Engineering)**	**CV provided** detailing **between 2-5 years experience** on vessel and piping rubber lining **plus National Diploma/Degree (Mechanical Engineering)**	**CV provided detailing greater** than **5 years experience** on vessel and piping rubber lining **plus National Diploma/Degree (Mechanical Engineering)**	

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	**Adequate piping rubber lining experience 30-100m2 in 2 years**
2.	**Site supervisor experience between 2-5 years**
3.	**Method statements missing only 1 of the requirements or steps listed**
4.	
5.	
6.	
7.	

Table 6: Unacceptable Technical Risks

Risk	Description
1.	**Insufficient piping rubber lining experience < 30m2 in years**
2.	**Inexperienced site supervisor < 2 years**
3.	**Insufficient method statements missing 2 or more of the requirements or steps listed**
4.	
5.	
6.	
7.	

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**N/A**
1.	
2.	
3.	
4.	
5.	
6.	

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A
2.	
3.	
4.	
5.	
6.	
7.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
N/A	N/A	N/A

5. REVISIONS

Date	Rev.	Compiler	Remarks
11 June 2026	1	Y Ramkalawan	Original document

6. DEVELOPMENT TEAM

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

Y Ramkalawan

7. ACKNOWLEDGEMENTS

None.