Eskom	Tender Evaluation	Engineering

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Obert Matodzi	**Phathamandla Sithole**	**Geoff Ledwaba**
Civil Engineer	**Civil Engineering Manager**	**Engineering Manager**
Date: 21/04/2026	Date: 22/04/2026	Date: 23/04/2026

CONTENTS

TABLES

1. INTRODUCTION

This document outlines the technical requirements and scope of work needed to place a contract which will render corrective maintenance services for the refurbishment of Coal Silos 1 to 6 at Tutuka Power Station.

The civil repair and refurbishment services include, but are not limited to, concrete repair works to internal and external silo shells, sealing of cracks, application of protective coatings, stainless steel liner replacement, and carbon fibre reinforcement as specified in the scope of work. The Contractor shall conduct all works in accordance with the detailed repair methodology and specifications outlined in the SOW and adhere to all applicable Eskom procedures and standards.

The condition of the silos has been determined through prior inspections, laser scan data, and structural assessment reports. These documents form the basis for the execution phase and will be made available to the appointed Contractor. A professionally registered Civil Engineer or Engineering Technologist (PrEng/PrTech Eng) shall form part of the Contractor's team to oversee the mapping of repairs and supervise the execution of works.

The Contractor will be responsible for the full execution of the scope, ensuring that:

- Structural defects are repaired in line with recommended practices and material specifications.
- The long-term reliability and operational safety of the silos are restored.
- All repair activities comply with the Construction Regulations of 2014 and Eskom's applicable SHEQ procedures and quality standards.

The purpose of this document is to develop the qualitative technical evaluation criteria to evaluate all tenders received from the Service Provider(s) in response to the Enquiry. Supporting Clauses

2. SUPPORTING CLAUSES

2.1 SCOPE

The *Contractor* shall perform the works as described in the issued Scope of Work – Refurbishment of Coal Silos 1 to 6 at Tutuka Power Station [15ENG GEN-2041].

The services include preventative and corrective repair activities required to restore structural integrity and ensure continued safe operation of the coal silos, in line with Eskom standards and procedures.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the 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 will apply to all appointed involved in the technical tender evaluation of tenders received from the Service Provider(s) in response to the 5 Year Civil Maintenance Service Contract.

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] 240-53716726 Technical Scoring Form

[3] 240-53716712 Technical Evaluation Results

[4] [15ENG GEN-2041]: Refurbishment of Coal Silo 1-6 Scope of Works (Rev 1.0)

[5] NEC3 Contract- Maintenance Service Contract

2.2.2 Informative

[1] ISO 9001 Quality Management Systems

[2] 240-99527377 Inspection Manual for Civil Works at Eskom's Power Stations

[3] 2014 Construction Regulation

[4] Occupational Health and Safety Act (No. 85 of 1993)

[5] ISO 9001: 2015 Quality Systems Standard

2.3 DEFINITIONS

2.3.1 Classification

a. **Confidential:** the classification given to information that may be used by malicious/opposing/hostile elements to **harm** the objectives and functions of Eskom Holdings Limited.

2.4 ABBREVIATIONS

Abbreviation	Description
RFP	Request for proposal
RFQ	Request for Quotation
TET	Technical Evaluation Team

Table 1: Abbreviations

2.5 ROLES AND RESPONSIBILITIES

N/A as per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

2.7 THE TENDER COMMITTEE WILL EVALUATE THE CONTRACT. RELATED/SUPPORTING DOCUMENTS

As per section 2.2.

3. TENDER TECHNCIAL EVALUATION STRATEGY

The evaluation criteria will be based upon a one-step process against Qualitative Criteria:

Qualitative Criteria Evaluation

Tenderers will only be evaluated against the Qualitative Criteria as defined in the Tender Technical Evaluation Strategy. The scoring of qualitative criteria shall be based on the degree of achievement by the tenderer to meet the

technical requirements. A score shall be allocated as per Table 2: Qualitative Evaluation Criteria Scoring Table, for each technical qualitative criterion. Each TET member shall populate a Tender Technical Evaluation Scoring Form [2] for each tenderer. Note: Individual Qualitative Criteria scores shall only be finalised after all clarification sessions have been concluded.

Table 2: Qualitative Evaluation Criteria Scoring Table

Score	%	Definition
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**
Note 1: The scoring table does not allow for scoring of 1 and 3. Note 2: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be. unambiguously defined in the relevant 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

The technical evaluation team will be composed of a minimum of two members per discipline from the table below with at least one being professionally registered per discipline.

Table 3: TET Members

TET number	TET Member Name	Designation
TET 1	Obert Matodzi	Civil System Engineer
TET 2	Imraan Partel	Civil System Engineer
TET 3	Vusi Mhlari	Civil Senior Civil Engineer

3.3 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Routine & Preventative Maintenance**			**80%**	
	1.1	Contractor to submit detailed Method Statement for the Civil Works clearly showing the ability to perform the required repairs and refurbishment to Coal Silos 1–6. Method must include execution approach for concrete repairs, crack sealing, protective coatings, carbon fibre wrapping, liner plate replacements, corrosion protection, QA/QC processes, sequencing and silo-specific methodology. • Detailed method fully demonstrates how scope will be met and includes comprehensive execution methodology= **5 points.** • Method demonstrates general understanding and acceptable technical approach with minor gaps (Most items covered) that pose low risk to successful execution = **4 points.** • Method lacks clarity, omits aspects, or reiterates scope without detail= **2 points.** • No Method statement/ Not satisfactory/ Duplication of Scope of Works = **0 point.**	1. Construction Methodology clearly detailing the approach and method to be adopted for the execution of structural maintenance and refurbishment works on all six silo structures. As Per 15ENG CIVIL-2041 2. Scope of work must clearly define the access strategy displaying how the works will be done safely. 3. Methodology must include execution approach for concrete repairs, General repairs, crack sealing, protective coatings, carbon fibre wrapping, liner plate replacements & corrosion protection.		20%

	1.2	Contractor to provide the CV and qualifications of a Civil Professional Engineer (PrEng) or Professional Engineering Technologist (PrTech Eng) who will form part of the Contractor's team. This individual must be registered with ECSA and have a minimum of 5 years post-registration experience in structural engineering and refurbishment works. • ≥ 5 years post registration experience and full documentation submitted = **5 points.** • No submission or submission of not relevant experience **(0 points).**	1. CV of the Civil Professional Engineer or Professional Civil Engineering Technologist. 2. All relevant certificates including ECSA proof of active registration with registration number. 3. Contractor to provide signed commitment letter from the appointed Professional Engineer stating availability for the duration of the project (Any changes to this resource must be of an equivalent competency subject to the employer's approval). 4. Only Structural Engineering Experience will be considered.		50%
	1.3	Contractor to provide CVs and valid trade qualifications of skilled personnel required for the execution of structural concrete repairs, protective coatings, liner plate replacements, and corrosion protection on Coal Silos 1–6. The following Skilled roles must be included: • Concrete Repair Artisan - Trade Test or certified training in civil construction or concrete works. • Coating Applicator - Qualified Painter Artisan with trade certificate. • Welder/Fabricator - Qualified Welder with Trade Test Certificate. • Carpenter/Formworker - Trade certificate for formwork and carpentry. • Civil Construction Foreman - Minimum 5 years' experience in managing structural/structural rehabilitation projects. Scoring	1. CVs and Trade Test certificates of relevant artisans and foreman.		10%

		• All required CVs submitted with >5 years' experience and valid trade certifications = **5 points** • CVs submitted with 1-4 years relevant experience = **2 points** • No submission or not aligned with required roles = **0 points**			
	1.4	Contractor to submit verifiable work experience demonstrating successful execution of similar structural concrete repair and refurbishment projects. The tenderer must provide details of previously completed projects within the last 10 years involving structural repairs or refurbishment of reinforced concrete silos, tanks, chimneys, or other large vertical civil structures. Each reference must include the name of the client, project description, project location, construction period, contract value, and contact person with their contact details. Supporting documents such as signed completion certificates or testimonial letters must be included to validate the work done. • More than 5 similar projects submitted with all required supporting documentation = **5 points.** • 1-2 similar projects submitted = **2 points**. • No submission or insufficient documentation = **0 points**.	Demonstrate experience on similar projects. Provide Testimonials and/or Completion Certificates for completed projects. NB: No partial Certificates and Testimonials must be in Clints letter head and signed by the client with all relevant contact and project details		20%
2	**General**			**20%**	
	2.1	Contractor to submit a project schedule covering all key activities and durations related to the repairs and refurbishment of Coal Silos 1-6.	Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes:		50%

		The schedule must reflect major activities such as access setup, crack sealing, concrete repairs, carbon fibre wrapping (Silo 1), protective coatings, liner plate replacement, QA/QC inspections, and final acceptance. The programme must include logical sequencing and demonstrate how the contractor intends to complete the work within the expected timeframe. • Detailed project schedule with logical sequencing and complete activity coverage = **5 points**. • Project schedule submitted but not aligned with scope, missing information or lacks clarity = 2 points • No schedule submitted or wholly inadequate = 0 points	High level programme with key milestones on how contractor intends on executing the works listed on Scope of works doc [15ENG GEN-2041].		
	2.2	Contractor to submit an organogram aligned to the scope of structural repairs for Coal Silos 1–6. The organogram must include key personnel required for execution of the works including but not limited to: a Professional Civil Engineer/Technologist (PrEng/PrTech Eng), Project Manager, Site Agent, Construction Foreman, Concrete Repair Specialist, Artisan Team Leads), QA/QC Officer, and Safety Officer. Roles must be clearly assigned with names and qualifications. • Detailed and complete organogram with clearly defined roles aligned to scope = **5 points.** • Incomplete or generic organogram lacking scope relevance = **2 points.** • No organogram submitted = **0 points**	Demonstrate how tenderer intend on executing the project by providing the following information for evaluation purposes: Organogram aligned with key personnel requirements for silo repairs. The Tenderer shall also demonstrate how tenderer's Sub-Contractor and suppliers shall interface with the project management team. Typical organogram shall include above with responsible person in each role		50%
				Total: 100	
		Threshold		**70%**	

3.4 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3
1.1	x	x	x
1.2	x	x	x
1.3	x	x	x
1.4	x	x	x
1.5	x	x	x
2.1	x	x	x
2.2	x	x	x

3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	None

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Contractor not appointing a Civil Professional Engineer or Professional Civil Engineering Technologist
2.	Inability to execute the required works as per scope of work issued
3.	Contractor not registered with minimum required CIDB grading

3.5.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Contractor proposing different maintenance techniques without compromising issued scope of work, quality and costs.

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Inability to execute the required works as per scope of work issued

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Obert Matodzi	**Civil Engineer**
Phathamandla Sithole	Civil Engineering Manager
Lele Masote	Senior Civil Engineer
Nathi Mabaso	Auxiliary Engineering Manager
Hanerike Koekemoer	Auxiliary Engineer
Imraan Patel	Civil Engineer

5. REVISIONS

Date	Rev.	Compiler	Remarks
11 May 2025	0	O Matodzi	Draft document issued for review
26 June 2025	1.0	O Matodzi	Issued for signatures
18 March 2026	2.0	O Matodzi	Document for review
21 April 2026	3.0	O Matodzi	Final Document

6. DEVELOPMENT TEAM

- Obert Matodzi

7. ACKNOWLEDGEMENTS

- N/A