Eskom	Strategy	Peaking

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TABLES

1. INTRODUCTION

Gariep, was constructed between 1966 and 1971, and because of its geographical location it has experienced a tremendous amount of deterioration on the exposed surfaces due to the extreme exposure to sunlight, rain, wind, cold etc. The elements of the wall cladding and roofing system with all its gutters are the most impacted. Over time, these systems have deteriorated, leading to failure of the sheets and fasteners becoming loose and being blown off. Water from rain and ingress of moisture has compromised the structural integrity of the Machine Hall surface building facility. These environmental elements have aggravated this deterioration. UV radiation from sunlight accelerates material breakdown, while rainwater promote corrosion and the penetration of extreme moisture.

Upon an assessment of the entire building cladding and roof was noted:

The outer sheet is separated, and the fastening mechanism is loose, with areas where there are missing sheets that have blown away or are laying loose. These have been observed to be likely to detach completely and be blown towards vehicles or persons causing harm and injury, which must be avoided.

A potential safety hazard.

Flooding incidents and damaged to underlying furniture on the inside of the building.

The entire sheeting and roof surface layer must be replaced as the remaining sheeting is close to its end of life and a full cladding and roof refurbishment (replacement) – roof sheeting, side cladding sheeting, ridge vents and flashings is required.

Damage to the insulation and associated waterproofing of the roof surface.

Upon removal of the top sheet, if there are any signs of the under structure, below the purlins is observed to have excessive corrosion and structural failure present, from the excessive water and moisture ingress in the area, then the under sheeting in that area must be replaced or treated prior to placing the new sheeting.

The content of this document therefore includes the requirements for the replacement of the Machine Hall surface building wall cladding and the roof surface sheeting, assessment and replacement installation of the damaged secondary sheeting fixed to the underside of the existing purlins as described for the full length of the building including all additional ancillary requirements.

The necessity for this project is grounded in the need to protect the building and its critical infrastructure, ensuring its continued reliability and performance.

Because the opportunity for access to this area is presented by the current scope, to this we will also include the installation of a catladder that is required by site maintenance personnel to conduct activities at this level.

This document establishes the Tender Technical Evaluation Strategy for the evaluation of tenderers that will be submitting in response to the advertised tender.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the tender evaluation requirements that will be applied during the technical evaluations to evaluate the proposals received from the market. The Tender Technical Evaluation Strategy (TES) defines the following with regards to this project.

Mandatory Evaluation Criteria

Qualitative Evaluation Criteria

Technical Evaluation Team (TET) Members Responsibility

Accept / Unacceptable Qualifications

2.2 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.

2.3 APPLICABILITY

This document is applicable to Acacia Power Station only.

2.4 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.1.1. Normative

[1] 240-168966153: Generation Tender Technical Evaluation Procedure

[2] 240-53716726: Technical Scoring Form

[3] 240-53716712: Technical Evaluation Results

2.1.2. Informative

[4] 151A/2668 C Refurbishment Technical Specification (ECC3) for Gariep M H Surface Building Cladding

[5] ISO 9001 Quality Management Systems

[6] 240-53114190 Internal Audit Procedure

[7] 240-141007195 Electronic Signature Usage Policy

[8] 240-156280553 Procedure for signing documentation electronically using the Eskom Electronic Signing System

2.5 DEFINITIONS

Definition	Description
Tender	Refers to a written or electronic offer, tender, bid, quotation or proposal made by a supplier, in a prescribed form according to the issued enquiry, for the provision of assets, goods, works or services, and/or disposals (Investment Recoveries).

2.5.1 CLASSIFICATION

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

2.6 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
ECSA	Engineering Council of South Africa
N/A	Not Applicable
OEM	Original Equipment Manufacturer
PS	Power Station
QCP	Quality Control Procedure
SACPCMP	South African Council for the Project and Construction Management Professions
SHE	Safety, Health and Environmental
SoW	Scope of Work
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

2.7 ROLES AND RESPONSIBILITIES

Engineering Manager: All Engineering Managers throughout Eskom shall ensure that all staff, in their respective areas understand and adhere to this procedure.

Professionally Registered Engineering Practitioner (PREP): The PREP is responsible to manage the execution and adherence to this procedure. Typically, on New Build projects the PREP role is fulfilled by the Lead Discipline Engineer (LDE) and on existing asset projects the PREP role is fulfilled by the relevant System Engineer/Plant Engineer.

Technical Evaluation Team (TET) member: The delegated technical representatives/end users/engineers/technical specialists who are responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy. The TET members need to comply with the requirements as stipulated in the [13] 240-106871290: Technical Evaluation Team Member Appointment Letter Template.

2.8 RELATED/SUPPORTING DOCUMENTS

[1] 240-53716746: Tender Technical Evaluation Report Template

[2] 240-53716712: Tender Technical Evaluation Results Form Template

[3] 240-53716726: Tender Technical Evaluation Scoring Form Template

[4] 240-53716769: Tender Technical Evaluation Strategy Template

[5] 240-106871290: Technical Evaluation Team Member Appointment Letter Template

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 MANDATORY EVALUATION CRITERIA ON TENDER CLOSING

Tenderers shall submit all documentation and evidence as specified in **Table 3: Mandatory Technical Evaluation Criteria**. These criteria shall be evaluated on a compliance basis (Yes/No).

- **Failure to meet any mandatory requirement at tender closing shall result in disqualification from further evaluation.**

- Tenderers who do not meet all mandatory criteria shall **not proceed to the technical (qualitative) evaluation stage.**

3.2 QUALITATIVE TECHNICAL EVALUATION CRITERIA ON TENDER CLOSING

Tenderers who meet all mandatory criteria shall be evaluated against the Qualitative Technical Evaluation Criteria, as defined in the tender documentation.

- Evaluation shall be based on a **weighted scoring system**.
- A **minimum threshold score of 70%** must be achieved to be considered technically acceptable.

The Employer reserves the right to:

- Request further clarification or substantiating evidence during this stage.
- Disqualify the tenderer if:
  - Adequate evidence is not provided, or
  - Submitted information is materially inaccurate or misleading, regardless of the initial score.

3.3 PRE-AWARD DUE DILIGENCE FOR TECHNICALLY COMPLIANT TENDERERS

Tenderers who achieve the minimum technical threshold of **70% or above** in the qualitative technical evaluation **(3.2)** shall undergo a **risk-based due-diligence verification** prior to any contract award. This due-diligence stage forms part of the deferred mandatory compliance process.

- The Employer will issue a **written Due Diligence Notice** to the highest-ranked qualifying tenderer (or to the next highest-ranked tenderer, where applicable).
- The tenderer must submit all requested due diligence documents within **five (5) calendar days** of the notice.
- The Employer may undertake any necessary verification actions, including but not limited to:
  - Interviews with proposed key personnel
  - Site or plant inspections
  - Reference checks
  - Direct verification with sheeting manufacturers or recognised certification bodies
  - The Employer may conduct interviews, site/plant inspections, reference checks, or sheeting manufacturers confirmations as part of verification.
- Where justified, the Employer may grant a **one-time short extension** (e.g., up to **3 calendar days**) at its sole discretion. Any extension will be **consistently applied** and **recorded** for audit purposes.

3.4 RISK-BASED DUE DILIGENCE AND DEFERRED MANDATORY COMPLIANCE PRIOR TO AWARD

To safeguard the integrity of the appointment process, the Employer defers most mandatory compliance verifications to the pre-award stage.

Only the **compulsory site visit** is mandatory at tender closing. All responsive tenders will proceed to qualitative technical. Tenderers scoring **70% or above** in the qualitative technical evaluation shall be subject to **due diligence** prior to contract award. The Employer will issue a written request to the

highest-ranked qualifying tenderer (or next in rank, as needed), requiring submission of the following within **five (5) calendar days** (without limitation):

- Certification as an **approved installer of IBR**, Klip-Lok (or similar) sheeting profiles. Data sheets to be provided from manufacturer.
- Any additional compliance documents specified in the tender schedule.
- Confirmation of **key personnel** qualifications and availability
- Evidence of **equipment/facilities** and quality controls
- Any other mandatory compliance documents specified in the tender schedule

Failure to submit complete, accurate, and satisfactory evidence within the timeframe will result in **disqualification**. The Employer reserves the right to:

- Verify all submitted information through inspections, reference checks, interviews, or sheeting manufacturers confirmations
- Reject any submission found to be **materially inaccurate or misleading**
- Proceed to the **next qualifying tenderer**

A one-time short extension (up to 3 calendar days) may be granted at the Employer's sole discretion, applied consistently and recorded for audit purposes.

3.5 TET MEMBERS

Table 1: Core TET Members

The full-time core technical evaluation team will consist of the following team members (in-line with the Tender Engineering Evaluation Procedure, 240-48929482) in Table 2.

TET number	TET Member Name	Designation
TET 1	Lungisa Mzalisi Candidate Technologist 200980048	Senior Technician: Civil & Structural Dept.
TET 2	Zahier Kapery PR Tech Eng 200870085	Chief Technologist - Civil
TET 3	Rhodelo Jonkers PR Tech Eng 2021301141	Senior Technologist: Civil & Structural Dept.

Table 2: Optional TET Members

TET 4	Nivashini Naidoo	System Engineering Manager: Civil and Structural Dept.

3.6 MANDATORY EVALUATION CRITERIA

Table 3: Mandatory Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	The Tenderer attends a compulsory site clarification meeting.	As per Technical Specification	Capability Constraint

3.7 QUALITATIVE EVALUATION CRITERIA SCORING TABLE

During the tender evaluations, Table 4 shall be used by the TET members to score each criterion on a scale of 0 to 5. It will be advantageous for all tenderers to attend a site clarification meeting prior to the pricing of the of tenders and have a clear expectation of the works. This will be advantageous to understand the scope and price accurately.

Table 4: Qualitative Technical Evaluation Criteria

Score	Percentage	Description
5	100	**COMPLIANT** • Meet technical requirements and • No foreseen technical risk(s)in meeting technical requirements
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** Meet technical requirement(s) with, • Acceptable technical risk 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.		

3.8 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 5: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Technical Criteria**			**100%**	
	1.1	Method Statements: • A detailed method statement for the safe stripping, handling and protecting loose sheets and mechanisms to mitigate falling of objects from heights during work including a detailed method for protection of existing plant equipment. i.e. transformers, overhead cabling, manage sub-contractors' installation, program, schedule, i.e., electrical cabling (lights relocation), mechanical vent cabling and ducting/louvres installation. • Assessment of the sub structure onto which the outer sheets attach and measure components accurately to generate an as-built drawing for submission. • Clearly assess extent of damage and agree with site engineer if cleaning/treatment from moisture ingress damage will be required prior to placing the new sheeting. • Installation of side cladding sheets and roof sheeting.	Works Information		30%
	1.2	QCP A QCP provided showing all work activities, procedures, risks and inspection points (hold, witness, surveillance,	Works Information		10%

		etc.), comprehensive check sheets/check lists for work activities and procedures.			
	1.3	Work Experience: Tenderer must work in the structural steel and Steel sheeting industry or as a minimum building contractor with strong structural steel and steel roof sheeting experience, must provide a company profile validating this. Show list of projects which shows a minimum of ten (10) years of experience/ evidence of three (3) completed works in structural steel and roof sheeting industry that are equivalent to the scope of work required for this package. The list shall show: • Project Name • Description of work performed • Project Value (only for scope performed) • Project Start and End Date Provided, • List of contactable references, email or contact number to be provided.	Work Experience & Referee List Works Information	Capability Constraint	25%
	1.4	Provide Structural Steel Workshop Drawings Capabilities: The tenderer provides the details of the company or person with the relevant experience to produce structural steel workshop drawings for the alterations and additions to the roof and the required returnable for the existing sub-structure as-built information which interprets as: • Layout Plan for Roof and side Sheeting Sub-Structure • Detail of fixing, thickness, flashing, coating, gutters, hatches and waterproofing. • Cross-sections • Elevations	Works Information		15%
	1.5	Resource: Key Personnel:	Works Information		10%

		All civil and structural construction personnel and CVs of all key personnel (Project manager, construction manager, site agent/engineer) each with at least 5 years of relevant experience. • Construction manager to be registered as a Professional Construction project manager with SACPCMP.			
	1.6	Scheduling: Understanding of the Scope in the form of providing a Programme (Gantt Chart schedule) including, but not limited to the following of all works associated with the scope i.e. • Strip outer layer in sections and assess thoroughly • Workshop drawing	Schedule inclusive of all activities associated with the Works.		5%
	1.7	Project Organization: Proposed organogram showing organisation structure for the works and interrelation with Head office and Site team.	Organogram		5%
				TOTAL: 100	

3.9 TET MEMBER RESPONSIBILITIES

Key: X = Mandatory; O = Optional

Table 6: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET n
1	X	X	X	O				
2	X			O				
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET n**
1.1	X	X	X	O				
1.2	X	X	X	O				
1.3	X	X	X	O				
1.4	X	X	X	O				
1.5	X	X	X	O				
1.6	X	X	X	O				
1.7	X	X	X	O				

3.10 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.10.1 RISKS

Table 7: Acceptable Technical Risks

Risk	Description
1.	Structural Steel / Steel Roof Sheeting contractor has in-house workshop drawing detailer/technician.

Table 8: Unacceptable Technical Risks

Risk	Description
1.	Contractor's timelines (schedules) not as per the Works Information
2.	Contractor has done similar work but to a very small scale < 200m^2 and value and only in residential application rather than industrial.
3.	Contractor has never been the main contractor

3.10.2 EXCEPTIONS / CONDITIONS

Table 9: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Building contractor with strong experience in structural steel and steel roof sheeting

Table 10: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	The Contractor omits any aspect of the design work.
2.	Scheduling/Program of works errors i.e., not indicating lead time for material to site

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Lungisa Mzalisi	TET 1	
Zahier Kapery	TET2	
Rhodelo Jonkers	TET 3	
Nivashini Naidoo	TET 4	

5. REVISIONS

Date	Rev.	Compiler	Remarks
9 April 2026	0	L Mzalisi	Circulate for initial review and comments
21 April 2006	1	L Mzalisi	Review comments addressed and accepted

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS

N/A