Eskom	Strategy	Majuba Power Station

Title: **Tender Technical Evaluation Strategy for Majuba Power Station repairs and replacement of the HDPE pipe to from coal stock yard to the tippler plant**

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Compiled by	Supported by	Functional Responsibility	Authorized by
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1. Introduction

An open enquiry invite will be issued calling for tenderers to participate in the tender process for Majuba Power Station under ground HDPE pipe installation that supplied tippler and Transnet building. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this open enquiry invite.

2. Supporting Clauses

2.1 Scope

The scope of this document is to capture the technical tender evaluation strategy for Majuba Power under ground HDPE pipe installation that supplied tippler and Transnet building. This document sets out the method and criteria that will be used to evaluate the tenders . The scope of the project is as described in the Majuba Power Station Majuba to excavate install HDPE line form the coal stock yard to tippler and Transnet building.

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 applies to the Tender Evaluation Team for the Majuba Power Station portable water supply line supplying to trans and tippler plant suppression system Project.

2.1.3 Effective date

The document is effective from the authorisation date.

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] ISO 9001 Quality Management Systems

[2] 240-48929482: Tender Technical Evaluation Procedure

[3] 240-44682850: PCM - Provide Engineering During Project Sourcing

[4] 32-1033: Eskom Procurement and Supply Chain Management Policy

[5] 32-1034: Eskom Procurement and Supply Management Procedure.

2.2.2 Informative

[6] 474-59: Internal Audit Procedure

[7] ISO 9001 Quality Management Systems.

[8] Majuba Power Station Majuba Power Station refilling of fire suppression gas cylinders and conducting integrity test Scope of Work.

2.3 Definitions

Definition	Description
Project Engineering Team	Eskom Majuba Power Station Engineering representative
Employer	The person named as the *Employer* in the Appendix to Tender and the legal successors in title to this person.
Contractor	The person(s) named as *Contractor* in the Letter of Tender accepted by the *Employer* and the legal successors in title to this person(s).
Project Engineering Team	Eskom Majuba Power Station Engineering representative
Project Manager	The person appointed by the *Employer* to act as the *Project Manager* for the purposes of the Contract and named in the Appendix to Tender, or other person appointed from time to time by the *Employer* and notified to the *Contractor* as per NEC procedures.
Works Information	The document/s forming part of the contract in which are described the methods of executing the various items of work to be done, and the nature and quality of the materials to be supplied and includes technical schedules and drawings attached thereto as well as all samples and patterns.
Competent Person	A person who is qualified by virtue of his education, training, experience and contextual knowledge to make a determination regarding the performance of a building or part thereof in relation to a functional regulation or to undertake such duties as may be assigned to him in terms of these regulations.
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification

2.3.1 Document:

N/A

2.4 Abbreviations.

TET	Technical Evaluation Team
SOW	SCOPE OF WORK
PS	Power Station

2.5 Roles and Responsibilities

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 Process for Monitoring

Not Applicable

2.7 Related/Supporting Documents

Refer to section 2.1

3. TENDER TECHNICAL EVALUATIONS STRATEGY

3.1 TECHNICAL EVALUATION METHOD

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: 100%

- 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.

Mandatory Technical Evaluation Criteria Applicable

3.1.1 QUALITATIVE CRITERIA EVALUATION

The scoring method will be as follows:

Table 1: Qualitative Evaluation Criteria Scoring Table

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**
Note 1: The scoring table does not allow for scoring of 1 and 3		

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

Engineering (100%)	
Tenderers Experience	70%
Key Resources	30%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

3.1.2 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

3.1.3 TET MEMBERS

Table 2: Core TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1: Auxiliary line manager	Ntobeko Mthembu	Line manager
TET2: Mechanical Maintenance	Bongani Msimango	Senior Supervisor
TET 3: Mechanical Maintenance	Given Madela	Plant technician

3.1.4 Qualitative Technical Evaluation Criteria

Notes to tenderer:

1. The Tenderer shall note that where proposed key personnel are no longer available to undertake the work, the Tenderer shall provide suitably qualified and experienced replacement with equivalent or higher qualifications, competence and experience. The replacement is subject to approval by the Employer's Project Manager.

2. The curriculum vitae (CV's) of key personnel shall include relevant experience which is comparable to the Works specified in this tender. Low points will be allocated where relevant experience is not demonstrated.

3. Where no information is offered by the Tenderer no points shall be scored.

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)
1.	**Engineering – Tenderer's Experience**			**50**
	1.1	Provide at least 3 references where similar work was performed in the South African Industry. Completion Certificate needs to be included and References. The tender shall submit information of reference plants, as the primary contractor or as part of joint venture, in the form of project completion certificates • Contact Person • Contact Number • Project description • Construction period • Contract Value Scoring criteria: • 3 Companies listed with Sufficient summary of the technical description of the underground installation of HDPE line. Completion Certificate and References = 40 • 2 Company listed with Sufficient summary of the technical description of the underground installation of HDPE line. • Completion Certificate and References = 30 • 1 or more Companies listed with Sufficient summary of the technical description of any type underground installation of HDPE line. Completion Certificate and References = 20 • Experience on Fixed HDPE line repairs and installation = 10	As per item 2 of the List of Technical Tender Returnables.	

2.	**Method Statement**			**25**
		Provide the proposed method of statement and high level program for executing the work. Scoring criteria: • Proposed method of statement with clear indication of components and clearly referencing the relevant SANS 14520-1. High level Program for executing the work provided. Provision of the proposed diagram = 25 • Proposed method of statement with clear indication of components and clearly referencing the relevant SANS 14520-1. High level Program for executing the work provided = 25 • Proposed method of statement with clear indication of components and clearly referencing the relevant SANS 14520-1. Provision of the proposed diagram layout = 25 • Proposed method of statement with clear indication of components and clearly referencing the relevant SANS 14520-1 = 25		
3.	**Qualifications**			**25**

		CV's of proposed fitter, Technician plastic welder certificate and other key personnel Scoring criteria: • Proof of Qualification Experiences clearly indicated on the CV = 50 • Proof of Qualification clearly indicated on the CV = 25 • Proof of Qualification Experiences clearly indicated on the CV = 25		

3.2 TET Member Responsibilities

TET Member Responsibilities

Table 4: TET Member Responsibilities

· Qualitative Criteria Number	· TET 1	· TET 2	· TET 3	· TET 4	· TET 5
· 1	· X	· X	· X		
· 2	· X	· X	· X		
· 3	· X	· X	· X		

3.2.1 Foreseen Acceptable / Unacceptable Qualifications

3.2.1.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1	Value Engineering proposals highlighting the benefits to the proposal to the Project in terms of cost, time and/or quality. The submission of alternatives is subject to the Tenderer submitting the main options. The changes align to Client objectives
2	Non-substantive changes with minor schedule impact and no impact to design approval.

Table 6: Unacceptable Technical Risks

Risk	Description
1	Consultant not able to take accountability for constructed works

2	The Tenderer submits methodology/approach that is generic and not tailored to address specific project requirements and objectives. The approach does not contain all critical aspects of the project.
3	The Tenderer does not show understanding and/or appreciation of the regulatory and legislative requirements for the scope.
4	The Project staff organogram is unclear (i.e., staffing plan is weak and does not demonstrate position and responsibilities.)
5	Project Director and Design Engineers are not professionally registered with Engineering Council of South Africa
6	Noncompliance with the Scope of Work requirements, entirely or parts thereof, National Standards, Employers Requirements, Regulations and Legislation
7	Unreasonable risks mitigation strategies and assumptions
8	Major deviations/substantive design changes with impact on EIA and Environmental Authorizations
9	Does not align to Client/Eskom objectives
10	Major design changes without valid justification or with no benefits to the Employer.

3.7.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1	There are minor inconsistencies between timing, project deliverables and the proposed methodologies, which are deemed not to result in project delays once addressed.
2	Deviations with technical qualifications that align to Client objectives (minor changes with no impact on design authorisation)

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	The method statement is generic, incomplete and not tailored to address the specific project objectives, scope and constraints. It does not deal with the critical constraints and hazards of the project.
2	Deviations without technical qualifications
3	Noncompliance, entirely or parts thereof, with the Scope of Work requirements, National Standards, Employers Requirements, Regulations and Legislation

4. Acceptance

This document has been seen and accepted by:

Full Name and Surname	Designation
Phumlani Mkhaliphi	Plant technician
Ntobeko Mthembu	Line Manager - Auxiliary Maintenance
Given Madela	Plant technician

5. Revisions

Date	Rev.	Compiler	Remarks
July 2025	1	Bongani Msimango	First issue

6. Development Team

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

- Bongani Msimango

7. Acknowledgements

N/A