


	Strategy	Energy
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1. INTRODUCTION

Coal-fired Power stations rely heavily on coal and ash plant systems to perform to their maximum output for the generation of electricity. There are several contributory factors that can lead to the failure or poor performance of the plant, one of them being poor housekeeping. It is expected by the station to have efficient mitigating plans in place to prevent occurrences that could jeopardize the state of the plant.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope overview is as follows:

This document sets out the detailed user Scope of Work requirements necessary for the supply of Coal and Ash general workers at Camden power station. The objective is to establish a Coal and Ash cleaning contract to execute the scope of work as outlined in the Energy department KPI's and KPA's.

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 the basis for the tender technical evaluation process.

2.1.2 Applicability

This document shall apply to Camden 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] ISO 9001 Quality Management Systems
- [2] ISO 45001:2018 Occupational Health and Safety Management Systems Informative, Requirements
- [3] ISO 14001 Environmental Management Systems, Requirements with guidance for use
- [4] 102/1980 National Key Point Act
- [5] 240-126467640 Operational Standard for Fire Fighting Training in Generation
- [6] 240-126468603 Operational Standard for Fire Management in Generation
- [7] Occupational Health and Safety Act 85 of 1993

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2.2.2 Informative

[1] Hazardous Substances Act (Act No 15 of 1973)

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
Abbreviation	Explanation
HIRA	Hazardous Identification and Risk Assessment

2.5 ROLES AND RESPONSIBILITIES

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

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are a 'must meet' criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. The minimum weighted final score (threshold) required for a tender to be considered from a technical

3.1.2 SCORE AVERAGING:

Once all the TET members have their scores tallied in. The scores will be summed up together and averaged by the number of TET members as per **Table 1** below.

TET Members will independently evaluate as per the criteria but are allowed to engage where they feel clarity is needed.

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Table 1 Score averaging e.g.

Tenderer	TET 1 Scores	TET 2 Scores	TET 3 Scores	Total/3
X	5	4	5	4.7
Z	4	4	4	4
W	5	4	4	4.3

Table 2: Technical Scoring Methodology

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none"> • Meet the technical requirement(s) AND, • No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> • Meet the technical requirement(s) with, • Acceptable technical risks AND/OR, • Acceptable exceptions AND/OR, • Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none"> • Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR, • Unacceptable exceptions AND/OR, • Unacceptable conditions
0	0	TOTALLY DEFICIENT/NON-RESPONSIVE

3.2 TET MEMBERS

Table 3: TET Members

TET number	TET Member Name	Designation
TET 1	Tsomakae Dire	Senior Technician Coal
TET 2	Lefu Pholoana	Technician Coal and Ash
TET 3	Khosi Motaung	Technician Chemical department

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3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

N/A

3.4 QUALITATIVE TECHNICAL CRITERIA

Table 4: Qualitative Technical Criteria

Requirement	Tender returnable (for Technical)	Allocated Score%	Supplier A	Supplier B	Supplier C	Supplier D	Supplier E
A Equipment ownership. 7 ton Excavator	Provide proof of ownership for the 7tons Excavator or a service level agreement with the manufacturer or the owner of the machines (Proof of ownership must be attached) Proof of ownership or lease agreement x 1 Excavator = 50 % A lease of agreement must be accompanied by the proof of ownership.	50%					
Maintenance strategy	<u>Maintenance strategy.</u> Provide a detailed maintenance strategy, which includes but not limited to preventative maintenance of the crusher and Excavator ,breakdown repairs strategy and identification of critical Excavator components. (A I or nothing)	25%					

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<p>Risk associated if lashing is not carried out in the coal staithes.</p>	<p><u>Risks</u> Mention all the risk that can occur if coal lashing is not done in the coal staithes associated with wet coal.</p>	<p>25%</p>					
<p>Total</p>		<p>100%</p>					
<p>Minimum Threshold = 70%</p>							

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET 1	TET 2	TET 3
Part A			
•	X	X	X
Part B			
•	X	X	X
•	X	X	X
Part C			
•	X	X	X
•	X	X	X
•	X	X	X
•	X	X	X
•	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1	None

Table 7: Unacceptable Technical Risks

Risk	Description
1.	A supplier with no proof of ownership for the yellow plants machine or a signed lease agreement
2	A supplier with less than 12 months experiences as stipulated in the technical criteria

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1	None

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	None

4. AUTHORISATION

This document has been seen and accepted by

Name	Designation
Jabulile Nkosi	Energy Manager
Lefu Pholoana	Coal technician
Tsomakae Dire	Snr Technician Coal

5. REVISIONS

Date	Rev.	Compiler	Remarks
24 01.25	01	L Pholoana	First Draft

6. DEVELOPMENT TEAM

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

Not applicable

7. ACKNOWLEDGEMENTS

- None

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