

Title: **Tender Technical Evaluation
Strategy: Camden PS Boiler
Washing and Vacuuming
Contract for 60 Months**

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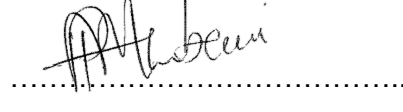


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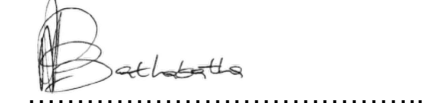


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1. INTRODUCTION

A technical evaluation is a critical activity performed by engineers / technical specialists in accordance with Eskom Procurement and Supply Chain Management Policy (32-1033) and Eskom Procurement and Supply Management Procedure (32-1034) during the tender process.

The process to be followed in performing technical evaluations during the tender evaluation process must be consistent throughout Eskom Engineering.

This document shall ensure that a consistent, fair, transparent, impartial, and auditable process is followed to identify the highest technically ranked tenderer for Camden Power Station boiler washing and vacuuming contract for the period of 60 months.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document describes the strategy for the technical evaluation of tenders for Camden Power Station boiler washing and vacuuming contract for the period of 60 months.

2.1.1 Purpose

The purpose of this document is to provide a consistent approach to processes and principles to be followed when technically evaluating boiler washing contract tenders; responsibilities of individuals and reporting requirements by defining 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

The document is applicable to Camden Power Stations' Boiler Engineering, Boiler Maintenance, Operating, Outages and Projects departments.

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] 240-44682850: PCM - Provide Engineering During Project Sourcing
- [3] 2-1033: Eskom Procurement and Supply Chain Management Policy
- [4] 32-1034: Eskom Procurement and Supply Management Procedure

2.2.2 Informative

- [1] 474-59: Internal Audit Procedure
- [2] ISO 9001 Quality Management Systems

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2.3 DEFINITIONS

Enquiry: A competitive or non-competitive request for information, interest, quotations, or proposals made to a supplier, a group of suppliers or the market at large.

Tender: A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CIDB	Construction Industry Development Board
CV	Curriculum Vitae
EDWL	Engineering Design Work Lead
GM	General Manager
HP	High Pressure
LDE	Lead Discipline Engineer
SME	Subject Matter Expert
VIN	Vehicle Identification Number
TET	Technical Evolution Team
°C	Degree Celsius

2.5 ROLES AND RESPONSIBILITIES

- **Engineering Manager:** Is responsible for ensuring that all staff, in their respective areas understand and adhere to this procedure.
- **Plant Engineer:** The engineer is responsible to manage the execution and adherence to the Tender Technical Evaluation procedure and strategy.
- **Technical Evaluation Team (TET) member:** Is responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy.

2.6 PROCESS FOR MONITORING

This strategy shall be monitored by 474-59: Internal Audit Procedure & 2-1033: Eskom Procurement and Supply Chain Management Policy

2.7 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

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3. TENDER TECHNCIAL 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

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Phello Sejake	Boiler Engineer
TET 2	Charlene Naicker	Boiler Senior Engineer
TET 3	Sipho Ndhlovu	Senior Welding Supervisor
TET 4	Thabo Aphane	Senior Auxiliary Engineer
TET 5	Ntombi Ngobese	Manager Chemistry

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether 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.

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	All submission must be in English	All tender returnable documentation must be in English	To avoid confusion and misinterpretation of documentation during tender technical evaluation. To also align with Eskom official business language policy.
2.	The service provider has previous experience in Boiler washing and Vacuuming at Power Plants of at least 2 years and above.	The service provider is to provide proof of signed previous boiler washing and vacuuming contracts / orders indicating the specific SOW and duration of contract. <i>Note: Contract or order numbers must be highlighted clearly for verification.</i>	This will clearly demonstrate the service provider's ability and experience to safely execute the scope of work for boiler washing and vacuuming. Having prior experience is critical to ensure successful execution.

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3.4 QUALITATIVE TECHNICAL EVALUATION 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.

Table 3: Qualitative Technical Evaluation Criteria for Boiler Washing and Vacuuming Contract

Boiler Washing and Vacuuming		Weight	Scores	Comments
Company Profile				
1	<u>HP plant</u>			
	The HP plant must work exactly at pressure of 1000 Bars			
	Note: The certificates must Clearly show the maximum operating pressure of the HP machine. : An internet printout will not be accepted as a supporting document for the plant.			
	1.1 Submit your plant certificates, specification, and related documentation for evaluation. The machine should reflect a vehicle registration number and identification number (VIN). These must reflect clearly on the submission documents. (A copy of the Manual will be an added advantage).	20%		
	1.2 Submit the proof of plant or equipment ownership. Note: The names on the proof of ownership for the plant or equipment must correspond with the company name.	20%		
1.2	OR (ALTERNATIVE SUBMISSION)	-		
	Submitting of the lease Agreement			
	Note 1: The lease agreement must be approved or signed by both parties. Note 2: The letter of intent is not regarded as a proof of agreement between both parties.	10%		
	Proof of ownership from where the equipment is being leased from must be attached.	10%		
2	<u>The Vacuum Truck</u>			
	The Vacuum Truck must work to the maximum pressure of: <ul style="list-style-type: none"> 1000 Bars suction pressure The capacity of the Collectors body tank must be 10 000 Cubic Liters or more. The tank must be designed to handle minimum temperature of 40°C. Note: The certified certificates must Clearly show the maximum operating pressure of the HP machine. : An internet printout will not be accepted as a supporting document for the plant.			

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2.1	Submit your plant certificates, specification, and related documentation for evaluation. The machine should reflect a vehicle registration number and identification number (VIN). These must reflect clearly on the submission documents. (A copy of the Manual will be an added advantage).	15%		
	Proof of plant or equipment ownership Note: The names on the proof of ownership for the plant or equipment must correspond with the company name.	15%		
2.2	OR (ALTERNATIVE SUBMISSION)	-		
	Submitting of the lease Agreement Note 1: The lease agreement must be approved or signed by both parties. Note 2: The letter of intent is not regarded as a proof of agreement between both parties.	5%		
	Proof of ownership from where the equipment is being lease from must be attached.	10%		
3	<u>Site Supervisor (X1)</u> Experience in Boiler washing and Vacuuming at Power Plant Minimum 3 relevant years' experience 1) Submit CV/s with traceable references 2) Certified certificate of competence to operate HP machinery. 3) Signed letter of employment from the company	20%		20%
4	<u>Boiler Washing Operating Technicians (X5)</u> Experience in Boiler washing and Vacuuming at Power Plant Minimum 2 relevant years of experience must reflect on the CV for all technicians. 1) Submit CV/s with traceable references for 5 technicians. 2) Certified certificate of competence to operate HP machinery for 5 technicians. 3) Signed letter of employment from the company for 5 technicians.	10%		10%
	Total	100%		

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5
1.	X	X	X	X	X
2.	X	X	X	X	X

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Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5
1.1	X	X	X	X	X
1.2	X	X	X	X	X
2.1	X	X	X	X	X
2.2	X	X	X	X	X
3	X	X	X	X	X
4	X	X	X	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Service provider did not obtain maximum score but still managed to score above the threshold of 70%
2.	Submission file that is not properly indexed

Table 6: Unacceptable Technical Risks

Risk	Description
1.	All mandatory requirements are not met
2.	The service provider scored below the minimum threshold of 70%
3.	Use of languages other than English for submission and tender returnable

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Submission file not properly indexed

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	No lease agreement letter/s provided
2.	No proof of ownership from where the equipment is being leased from

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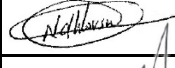
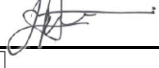

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3.	No submission of High-Pressure washing equipment training certificates
4.	Use of languages other than English for submission and tender returnable

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Charlene Naicker	Boiler Senior Engineer	
Sipho Ndhlovu	Senior Welding Supervisor	
Thabo Aphane	Senior Auxiliary Engineer	
Ntombi Ngobese	Manager Chemistry	

5. REVISIONS

Date	Rev.	Compiler	Remarks
August 2023	1	P Sejake	Original Issue.
January 2024	2	P Sejake	3 new members are appointed, and 3 old members were removed.
June 2024	3	P Sejake	Contract period changed from 36 to 60 months.
August 2024	4	P Sejake	Removal of CIBD from mandatory requirements

6. DEVELOPMENT TEAM

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

Mlungisi Makhaya

7. ACKNOWLEDGEMENTS

Not applicable

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