

	Strategy	Camden Power Station
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Title: **Technical Evaluation Strategy for
Ash and Coal Plant Maintenance
Contract Establishment**

Document Identifier: **240-166499446**

Alternative Reference
Number: **N/A**

Area of Applicability: **Camden Power Station**

Functional Area: **Engineering**

Revision: **2**

Total Pages: **14**

Next Review Date: **N/A**

Disclosure
Classification: **Controlled Disclosure**

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Date: <u>2022/07/21</u>	Date: <u>2022/07/21</u>	Date: <u>21/07/2022</u>

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1. Introduction

A technical works scope for Camden Power Station was developed to provide a technical scope of work for the establishment of Coal and Ash plant maintenance contracts. This tender technical evaluation strategy document is for the procurement process for the Coal and Ash Plant maintenance contracts.

An invite will be issued calling for interested parties to participate in the tender process for the maintenance of the coal and ash handling plant at Camden Power Station. The maintenance contract will be placed for a period of 18 months.

The complete scope of work is detailed in the scope of work document, 240-161702513 Maintenance of Ash and Coal Plant Equipment.

This document sets out the method and criteria that will be used to evaluate the tenders/proposals that will be received from the Open Enquiry process.

2. Supporting Clauses

2.1 Scope

This strategy defines the Technical Evaluation Team (TET), their responsibilities and the criteria to be used to evaluate the Maintenance of Ash and Coal Plant Equipment tender.

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

2.1.3 Effective date

This document is effective from the date of authorization.

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] Maintenance of Ash and Coal plant Equipment Scope of Work - 240-161702513
- [2] ISO 9001: Quality Management Systems.

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- [3] QM 58: Supplier Contract Quality Requirements Specification
[4] 240-168966153: Generation Tender Technical Evaluation Procedure, Rev. 1

2.2.2 Informative

- [5] 240-83539994: Standard for Non-Destructive Testing (NDT) on Eskom Plant
[6] Occupational Health and Safety Act 85 of 1993 (OHS-Act)
[7] Pressure Equipment Regulations (PER)

2.3 Definitions

Definition	Description
Maintenance	Performance monitoring, Repair and replacement of components to ensure the reliable operation of the plant and conformance to statutory requirements. This includes engineering advice and recommendations on performance improvements.

2.3.1 Classification

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

2.4 Abbreviations

Abbreviation	Explanation
CIDB	Construction Industry Development Board
CV	Curriculum Vitae
ITP	Inspection and Test Plan
NCR	Non-Conformance Report
PSR	Plant Safety Regulations
SAMTRAC	Safety Management Training Course
TET	Technical Evaluation Team

2.5 Roles and Responsibilities

The roles and responsibilities are as per those defined in the Tender Technical Evaluation Procedure^[4].

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2.6 Process for Monitoring

N/A

2.7 Related/Supporting Documents

Refer to Section 2.2.

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3. Tender Technical Evaluation Strategy

3.1 Technical Evaluation Threshold

In order to be eligible for evaluation, the tenderer shall meet all the mandatory requirements.

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70% for each of desktop and site assessment reviews.

3.2 TET Members

The full time core technical evaluation team that will be reviewing the Maintenance Contract/ Procurement process will consist of the team members in Table 1 (in-line with Technical Evaluation Procedure 240-168966153):

Table 1: TET Members

TET Number	TET Member Name	Designation
1	Yamkela Mgwebi	Engineer – Auxiliary Engineering
2	Ranwedzi Mukhodobwane	Senior Engineer – Auxiliary Engineering
3	Nosipho Mjelo	Senior Advisor – Auxiliary Plant Maintenance
4	Giel Kruger	Senior Technician– Auxiliary Plant Maintenance

3.3 Mandatory Technical Evaluation Criteria

The information listed in Table 2 below must be included in the tender submission. Failure to provide the information will result in automatic disqualification of the tenderer.

Table 2: Mandatory Technical Evaluation Criteria

Ref no.	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
MR1	Minimum CIDB level 8ME PE	CIDB certificate	To ensure the contractor has enough financial resource and experience

All TET members shall independently evaluate and score each Mandatory Evaluation Criteria for each tenderer in accordance with Table 2.

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3.4 Qualitative Technical Evaluation Criteria

During the tender evaluations Table 3 shall be used by the TET members to score each criterion on a scale of 0 to 5.

Table 3: Qualitative Evaluation Criteria

Score	Percent (%)	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		

As per the procedure a clarification shall be required if an evaluators score falls 1 point outside the average which equates to 20% outside the average scoring. Table 4 indicates the qualitative technical evaluation criteria that shall be used by the technical tender evaluation team.

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Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Sub Weighting (%)	Criteria Sub Weighting (%)
Levels of Criteria					
1.	Technical			25	
	1.1	<p>Procedures required to execute scope:</p> <p>1.1.1 Quality Control Plan - provide a typical example for the maintenance repair activity i.e. conveyor belt replacement, clip joint repairs</p> <p>1.1.2 Commissioning procedure (Provide example with all key activities)</p> <p>1.1.3 Procedure or ITP for overhauling valves, pumps.</p> <p>1.1.4 Inspection Check sheet for live inspections (Preventive Maintenance).</p> <p>1.1.5 Permit procedure (For working on live plant)</p> <p>1.1.6 Typical erection / repair methodology procedure (conveyor belt replacement or repairs – submit only one procedure)</p>	Section 3.1.2		70

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	1.2	Tools/ Equipment: 1.2.1 List of rigging equipment 1.2.2 Comprehensive list of all tools required to execute all maintenance	Section 3.1.8 and Section 9.1		30
2.	Project Management			10	
	2.1	Project plan/schedule: 2.1.1 Integrated level 2 programme for previous projects/contracts 2.1.2 Project risk assessment and mitigation for previous projects/ contracts	<ul style="list-style-type: none"> Level 2 programme Project risk assessment including mitigation measures 		60
	2.2	Resource Plan: 2.2.1 Resource plan for previous project 2.2.2 Contractor's organogram for previous project.	Section 3.1.5		40
3.	Industry involvement			45	
	3.1	A minimum of two (2) projects experience in the maintenance of belt conveying and slurry pumping systems for a period of more than one (1) year.	<p>Provide a <u>valid and verifiable</u> reference list consisting of the following information:</p> <ul style="list-style-type: none"> Name of client Project Description Location of project Contract Duration Contract value Contact Person (including contact details) 		70

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	3.2	<p>Non-Conformance Reports: Provide details of any previous NCRs received together with detailed information and how they were resolved.</p> <ul style="list-style-type: none"> - Submit maximum 5 NCRs - Provide total number of NCRs issued against tenderer 	Copies of NCRs together with Close-outs submitted.		30
4.	Ability of Tenderer to execute scope - MANPOWER			20	
	4.1	Site Manager - To be in possession of Minimum National Diploma (Engineering) / Grade 12 with supervisory/project management certification (NQF 6) AND 3 years relevant experience.	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		20
	4.2	Supervisors To be in possession of Mechanical Fitter Trade Test plus 2 years' experience after obtaining trade test plus be PSR authorised.	Submit 2 detailed CVs with certified copies of the Qualifications (Trade Test) AND 3 years relevant experience with traceable references PLUS PSR Authorisation Certificate per supervisor.		20
	4.3	Quality inspectors (QC) - Must have QC Certification and minimum 3 years' experience	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		15
	4.4	Semi-skilled assistants	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		10
	4.5	Safety Officer	SAMTRAC certificate		10

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	4.6	Site Admin	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		10
	4.7	Boiler Makers	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		5
	4.8	Riggers	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		5
	4.9	Welders	Submit a detailed CV with certified copies of the Qualifications AND 3 years relevant experience with traceable references.		5
				Total: 100	

Note: All TET members shall independently evaluate and score each Qualitative Evaluation Criteria for each tenderer in accordance with the Table 4 above.

3.5 TET Member Responsibilities

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
MR1	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X

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2	X	X	X	X
3	X	X	X	X
4	X	X	X	X

3.6 Foreseen Acceptable / Unacceptable Qualifications

It is anticipated that various risks, exceptions and conditions will be identified during the clarification and negotiation process. Each of those risks will be considered and evaluated individually to determine whether they are acceptable, unacceptable or whether suitable mitigation measures can be agreed upon.

3.6.1 Risks

Table 7: Acceptable Technical Risks

Risk	Description
1.	Not applicable

Table 8: Unacceptable Technical Risks

Risk	Description
1.	Exclusions of the scope specified in the Employer's requirements.

3.6.2 Exceptions / Conditions

Table 9: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Not applicable

Table 10: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Not applicable

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4. Acceptance

This document has been seen and accepted by:

Name	Designation
Mokgoba Mathabatha	Engineering Group Manager
Oscar Tilodi	Auxiliary Engineering Manager
Mthokozisi Ngubeni	Common Plant Maintenance Manager
Nosipho Mjelo	Senior Advisor – Technical Support
Ranwedzi Mukhodobwane	Senior Engineer – Auxiliary Engineering
Yamkela Mgwebi	System Engineer – Auxiliary Engineering
Giel Kruger	Senior Technician - Maintenance
Davy Mthimunye	Senior Technician - Maintenance

5. Revisions

Date	Rev.	Compiler	Remarks
October 2021	1	Y Mgwebi	Authorised Tender Technical Evaluation Strategy.
July 2022	2	RP Mukhodobwane	<ul style="list-style-type: none">• Signatories page amended to include Engineering signatories only.• CIDB requirement amended from 8ME to 8ME PE• Document Number update of tender evaluation procedure• Weighting re-allocation on the qualitative criteria (Section 3.4)

6. Development Team

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

- Yamkela Mgwebi
- Ranwedzi Mukhodobwane
- Giel Kruger
- Nosipho Mjelo

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7. Acknowledgements

N/A

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