Eskom	Strategy	Engineering

Title:	**Tender Technical Evaluation Strategy Camden Conveyor E1 Sampling Hammer Installation & Commissioning**	Unique Identifier:	**383-CMDN-BDDD-D00185-9**
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		Area of Applicability:	**Engineering**
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Compiled by	Functional Responsibility	Authorised by
.....	.....	.....
[redacted]	[redacted]	[redacted]
System Engineer Camden Power Station	**Engineering Manager Auxiliary Engineering**	**Engineering Group Manager**
Date: 2023/03/15	Date: 2023/03/23	Date: 23/03/2023

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TABLES

1. INTRODUCTION

An invite will be issued calling for interested parties to participate in the tender process for the installation, site testing, cold and hot commissioning, project management, and quality control of a fully functional cross belt sampler on Conveyor E1 at Camden Power Station.

The complete work is detailed in the Scope of Work document, 383-CMDN-AABZ28-SP0004-38 Conveyor E1 Sampling Hammer Installation & Commissioning.

2. SCOPE

This document covers the different aspects that will be evaluated and scored by the multi-disciplinary Technical Evaluation Team (TET) to complete the technical evaluation of the Camden conveyor E1 sampling hammer installation project enquiry. The team members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and Technical Evaluation Team (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 is applicable to the Conveyor E1 Sampling Hammer Installation Project.

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] 383-CMDN-AABZ28-SP0004-38 Conveyor E1 Sampling Hammer Installation & Commission – Technical Specification

[2] 240-48929482: Tender Technical Evaluation Procedure

[3] 32-1034: Eskom Procurement Policy

2.2.2 Informative

Not applicable.

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
Pr. Eng.	Professional Engineer
Pr. Tech.	Professional Engineering Technologist
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

N/A

3. TENDER TECHNCIAL EVALAUTION STRATEGY

3.1 ACCEPTABLE CERTIFIED DOCUMENTS

Copies of evidence shall be certified as a true copy of the original by a Commissioner of Oaths, with signature and date not older than three months from the date of tender close.

The Commissioner of Oaths must write down or stamp that he/she certifies that the document is a true copy of the original document and that there are no indications that the original document has been altered by unauthorised persons. The commissioner of Oaths must append a signature and also write or stamp out his/her name, designation, contact particulars and date.

3.2 TECHNICAL EVALUATION THRESHOLD

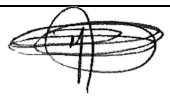
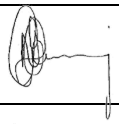
The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

Table 1: Qualitative Evaluation Criteria Scoring Table

Score	(%)	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.		

3.3 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation	Signature
TET 1	[redacted]	System Engineer Mechanical – Camden	
TET 2	[redacted]	System Engineer Civil – Camden	
TET 3	[redacted]	System Engineer Electrical – Camden	

3.4 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable
1.	Have a Master Installation Electrician (MIE) to issue a Certificate of Compliance (CoC) for the Hazardous Area. Respective person must be registered with the Department of Employment and Labour.	• Certified copy of registration as an MIE with the Department of Employment and Labour.

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**Mechanical Works**			**55**	
	1.1	Project Methodology Execution	Demonstrate how the tenderer intends on executing the project as per scope of work (383-CMDN-AABZ28-SP0004-38) by providing the following information for evaluation purposes. • Provide a typical project methodology document detailing how the Tenderer proposes to execute the Works, including erection/installation, commissioning, and handover.		10%
	1.2	Projects experience in the Bulk Material Handling.	Provide a minimum of 3 **valid and verifiable** Signed Completion Certificate or Take-over Certificate of previous project completed consisting of the following information: • Name of client • Project Description • Location of project • Construction period • Contract value • Contact Person (including contact details)		60%

	1.3	CV's and Qualifications of all key personnel dedicated to the project.	Provide certified copies of qualifications. The following qualification are required as a minimum: • Project manager – Diploma Mechanical Engineering (N6) • Supervisor – Diploma mechanical engineering (N6) • Mechanical Fitter –Trade Test (Fitter)		5% 5% 5%
	1.4	A minimum of 3 years' experience is required for all key personnel.	Provide CVs with minimum of 3 years' experience of each key personnel: • Project Manager • Supervisor • Mechanical Fitter		5% 5% 5%

2	**Civil Works**			**30**	
	2.1	Relevant experience (track record) –Structural steel design and construction as the main contractor: • A list of traceable references which adequately proves that the tenderer has at least completed two (2) design and construction contracts successfully.	- Tenderer must submit at least 2 appointment letters and 2 completion certificates (signed by both parties i.e., employer and the contractor) of their (2) previous structural steel design contracts.		**50%**
	2.2	The lead design engineer/technologist must be registered with ECSA	- Tenderer must submit a certified copy of ECSA Eng./Pr. Tech. Eng. Certificate		**25%**
	2.3	The lead engineer/technologist must have at least 3yrs experience in the civil structural design.	- Tenderer must submit a copy CV of a lead design engineer.		**25%**
3.	**Electrical Works**			**15**	
	3.1	Compliance with the electrical requirements as outlined in document 383-CMDN-AABZ28-SP0004-38.	Signed letter confirming compliance to the electrical scope and stating any deviations.		50%
	3.2	An electrician who has passed a trade test is required for this project.	Submit certified copy of the Electrician's Trade test certificate.		50%
				TOTAL: 100	

3.6 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	**TET 1**	**TET 2**	**TET 3**
1	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**
1	X	X	
2	X	X	
3	X		X

X – Mandatory
O - Optional

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Unclear staff organogram, i.e., the staffing plan is weak not showing clarity in allocation of tasks and responsibilities.

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Lead Design Engineer for civil and structural work not professionally registered with the ECSA
2.	Exclusion of scope specified in the employer’s requirements.
3.	Exclusion of project specific schedule.

3.7.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Acceptable deviations with technical qualification
2.	All key activities are included in the activity schedule but are not detailed.
3.	There are minor inconsistencies between timing, project deliverables and proposed methodologies which are not deemed to result in project delays once addressed.

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviation without technical qualification

4. AUTHORISATION

Name & Surname	Designation
[redacted]	Senior Engineer: Camden Power Station
[redacted]	Engineer: Camden Power Station

5. REVISIONS

Date	Rev.	Compiler	Remarks
March 2023	4	[redacted]	• Mandatory 2 from rev 3 was removed to qualitative requirements. • Mechanical section broken down into separate sub section 1.1 – 1.6 • Mechanical section scoring allocation was revised as per sub section 1.1 – 1.6
May 2022	3	[redacted]	Revised document to rectify the qualification requirements for the electrical criteria
April 2022	2	[redacted]	Revised document with changes on the mandatory and qualitative evaluation criteria.
February 2021	1	[redacted]	Original document

6. DEVELOPMENT TEAM

- [redacted]
- [redacted]

7. ACKNOWLEDGEMENTS

- [redacted]