

	Strategy	Engineering
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Title: **Tender Technical Evaluation
Strategy: Demolition of old PTM
offices**

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1. INTRODUCTION

According to Eskom article written by risk and sustainability division, in the mid-1970s Eskom started the phasing out of asbestos in our plants, including asbestos lagging material. Eskom's strategy is to phase out asbestos as soon as possible but not later than November 2033.

PTM Offices next to Howden site has been identified as a building that contains asbestos material in its structure, thus need to be demolished. The office block is not in use anymore. The building has aged and it's unrepairable. The occupants are relocated to other buildings, and this happened in 2015.

Hendrina Power Station is taking proactive steps to eliminate or phase out asbestos or Asbestos Containing Material (and to replace them with non-asbestos-containing materials); to manage existing asbestos structures/materials/equipment and perform asbestos-related work in a safe manner in order to control the potential for exposure to asbestos.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the strategy that will be followed during the Technical Tender Evaluation (TTE) of the responses to Eskom's open/closed market enquiry.

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

The document shall apply at Hendrina Power Station within Eskom Holdings Limited.

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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [2] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [3] 32-1034: Eskom Procurement and Supply Management Procedure

2.2.2 Informative

- [4] N/A

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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
AAIA	Approved Asbestos Inspection Authority
NEMA	National Environmental Management Act (section 28 of 1998)
N/A	Not Applicable
QCP	Quality Control Plan
TET	TET Technical Evaluation Team
TTE	Technical Tender Evaluation
NHBRC	National Home Builders Registration Council
OEL	Occupational Exposure Limit
OESSM	Occupational Exposure Sampling Strategy Manual
MDHS	Methods for the Determination of. Hazardous Substances

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING (AIR MONITORING)

1) Where exposure is in excess of half the OEL for asbestos, an employer shall ensure that a measurement programme of the concentration of airborne regulated asbestos fibres to which an employee is exposed, is—

(a) carried out in accordance with these Regulations.

(b) carried out only after the relevant health and safety representative or relevant health and safety committee has been informed thereof and was given a reasonable opportunity, as mutually agreed upon, to comment thereon.

(c) carried out by—

(i) an approved asbestos inspection authority; or

(ii) a person whose ability to do the measurements is verified by an approved asbestos inspection authority;

(d) representative of the exposure of employees to the airborne asbestos fibres in accordance with sub regulation (2); and

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(e) verified in accordance with sub regulation (3) if the measurements are carried out by a person contemplated in sub regulation (1)(c)(ii).

(2) In order to comply with the provisions of sub regulation (1)(d), an employer shall ensure—

(a) that the measurement programme—

(i) in the case of a group measurement, makes provision for the selection of the number of persons for a sample to be done as contemplated in chapters 3 and 4 and table A-2 of Technical Appendix A of the OESSM: Provided that measurements of exposure shall be by personal sampling taken in accordance with MDHS 39/4: Provided further that in so far as any provision of the OESSM and the MDHS 39/4 is repugnant to a provision of the Occupational Health and Safety Act, 1993, and these Regulations, the provisions of the Act and these Regulations shall take precedence; and

(ii) if in the case of the most exposed employee measurement, the exposure exceeds the OEL for asbestos, then any other employee whose exposure could be above the OEL for asbestos is identified and that measurements representative of typical exposure shall be carried out on every employee identified; and

(b) that representative measurements contemplated in sub regulation 1 (d) are carried out at least every 12 months: Provided that whenever the OEL for asbestos is exceeded, regulation 11 shall apply.

(3) In order to comply with sub regulation (1)(e), an employer shall obtain the services of an approved asbestos inspection authority who shall, at intervals not exceeding 12 months, do the required verification—

(a) by examining the measurement and analysis equipment of the employer.

(b) by questioning the person contemplated in sub regulation (1)(c)(ii) regarding the measurement programme.

(c) by carrying out, together with the person contemplated in sub regulation (1)(c)(ii), the measurement programme required by sub regulation (2) for any one group; and

(d) by ensuring that the results of the measurement and investigation as contemplated in sub regulation (2) and (3) respectively, have been recorded as required by regulation 16.

- Related/Supporting Documents

N/A

3. TENDER TECHNICAL 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%.

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3.2 MANADATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	NHBRC Accreditation	Submit a valid certified copy of NHBRC Certificate	Offices falls under Building Works category hence it is a mandatory to be registered under National Home Builders Registration Council.
2.	AAIA Registration	Submit a valid certified copy of AAIA Certificate	Requirement for Asbestos work
3.	Minimum CIDB requirements 3GBPE, 3 SEPE	Submit certified copy of certificate.	Requirement for construction work

3.3 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Proof of company experience on similar work and completed projects		Provide proof in the form of a signed stamped written letter with reference number and contact number if work was done outside Eskom or a Contract Document with a Purchase order number if work was done previously at Eskom.	25%	100
	1.1	Proof submitted with zero (0) letters.		0	0

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	1.2	Proof submitted with two (2) letters	Provide Letters	10	40
	1.3	Proof submitted with three (4) letters	Provide Letters	15	60
2.	Supervisor CV: Relevant Qualifications and Experience is required			10%	
	2.1	Provide: Supervisor A copy of a Supervisor CV that stipulate the similar work and other technical related work experience. Minimum two years' experience	Provide a detailed CV which also indicating number of years of experience.	4	40
	2.2	Provide: Supervisor Recently Certified copy of N6 certificate or higher with trade test certificate for building	Provide recently certified qualification copies valid within 6 months from tender closing date	6	60
3.	Key Personnel Qualifications and CVs. Indicate Experience on CVs			20%	
	3.1	No formal Qualification		0	0
	3.2	Safety Officer (Safety diploma qualification and experience >1yr)	Provide a detailed CV and recently certified qualification copies valid within 6 months from tender closing date	8	40
	3.3	Contract Manager (Minimum National Diploma Civils with a minimum experience 2yrs)	Provide a detailed CV and recently certified qualification copies valid within 6 months from tender closing date	6	30

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	3.4	Company safety records	Submit safety records for the past 3 years , include a safety management plan with key focus area on daily activities. The SHE policy and OHS Compliance must also be submitted.	6	30
4		Detailed Method statement covering the following and the entire scope:	Contractor to submit a COMPREHENSIVE METHOD STATEMENTS for executing aforementioned scope of work/task. Provide detailed TASKS METHOD STATEMENTS for the following: Task Specific method statement with defined sequence Detailed Submitted Method Statement	20%	
				0	0
				8	40
				12	60
5		Detailed Quality Control Plan (QCP) documentation must be submitted according to the Scope.		10%	
	5.1	QCP that is not according to scope and without intervention points.	QCP not according to scope	-	0
	5.2	QCP that is according to scope but doesn't have intervention points such as Hold, Verification and Inspection.	Provide a QCP	4	40
	5.3	Comprehensive QCP that is according to scope and with intervention points such as Hold, Verification and Inspection.	Provide a QCP	6	60
6		Technical skills (Human resources) e.g. Certified steel cutters 's, Certified Life line Anchor Specialist		15%	

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	6.1	Technical skills (Human resources) e.g. Certified steel cutters 's, Certified Life line Anchor Specialist	No submission	0	0
	6.2	Technical skills (Human resources) e.g. Certified steel cutters 's, Certified Life line Anchor Specialist	Submission without certification	6	40
	6.3	Technical skills (Human resources) e.g. Certified steel cutters 's, Certified Life line Anchor Specialist	Submission with certified line Anchor specialist	9	60
				TOTAL: 100%	

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3.4 TET MEMBER RESPONSIBILITIES**Table 4: TET Member Responsibilities**

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X
4	X	X	X	X
5	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X
4	X	X	X	X
5	X	X	X	X
6	X	X	X	X
7	X	X	X	X
8	X	X	X	X

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3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A
2.	

Table 6: Unacceptable Technical Risks

Risk	Description
1.	N/A
2.	

3.5.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A
1.	

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A
2.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signatures
	Civil System Engineer	
	Auxiliary Engineering Line Manager	
	Auxiliary Engineering Senior Advisor	

5. REVISIONS

Date	Rev.	Compiler	Remarks
July 2023	0		New document

6. DEVELOPMENT TEA

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

Lilly Baloyi

7. ACKNOWLEDGEMENTS

N/A

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