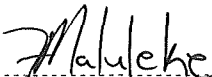


 Eskom	Strategy	Generation
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Title	Tender Technical Evaluation Strategy for the supply and servicing of custom-made hearing protection devices at Kriel Power Station on an “as and when” required basis for the period of 5 years	Unique Identifier	559-494809122
		Alternative Reference Number	N/A
		Area of Applicability	Risk and Assurance: Occupational Hygiene
		Documentation Type	Strategy
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		Disclosure Classification	Controlled Disclosure

Compiled by	Functional Responsibility	Authorized by
 [Redacted]	 [Redacted]	 [Redacted]
Snr Advisor, Occupational Hygiene	Acting Manager, Safety Risk Management	Middle Manager Risk and Assurance
Date: 01/07/2025	Date: 01/07/2025	Date: 01/07/2025

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1. INTRODUCTION

Noise may be defined as unwanted, disturbing and/or physiologically damaging sound and continuous exposure to noise levels equal to or above 85dBA, averaged over eight-hour workday, may cause Noise Induced Hearing Loss (NIHL) which is permanent and irreversible

Hearing Impairments and confirmed reportable occupational hearing loss remain a high risk in the Generation Division. Significant number of workers are diagnosed with preventable hearing loss due to high workplace noise levels every year. Exposure to noise also causes non-auditory effects such as abnormal adrenal hormone secretion, increased heart rate, disturbed sleep patterns and fatigue.

Custom-made hearing protection is moulded to the exact shape and size of an ear canal, ensuring a snug and comfortable fit. This level of comfort encourages wearers to use them constantly, which is crucial for hearing protection. The precise fit of custom earplugs creates an effective seal, blocking out harmful noises more efficiently, this results in enhanced noise reduction.

This document therefore specifies the tender technical strategy that will be an input for the open tender contract between Eskom – Kriel Power Station and the Supplier for the supply and servicing of custom-made hearing protection devices at Kriel power station on an “as and when” required basis for the period of 5 years.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of the document defines the technical evaluation criteria for the supply, delivery, and servicing of custom-made hearing protection devices at Kriel Power Station on an “as and when” required basis for the period of 5 years.

No	Item Description	Material number (Pilog)	Quantity
1	PROTECTOR, HEARING TYPE CUSTOM MADE DEVICE, MATERIAL POLYMER NON ALLERGENIC; NOISE REDUCTION RATING 92-102 DB, SPECIFICATION 240-44175132, SPECIAL FEATURES IN EAR IMPRESSION	0755941	350
2	Technician on site fee	-	30
3	Annual servicing of custom made HPD	-	1000
4	Travelling	-	30
5	Replacement of filters (if available)	-	300

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

This document is applicable to Kriel Power Station.

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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] Quality Standard ISO 9001:2008
- [3] 240-48929482 Tender Technical Evaluation Procedure
- [4] Occupational Health and Safety Act 85 of 1993
- [5] 32-520 Occupational Health and Safety Risk Assessment Procedure
- [6] SANS 1451 – 1 Hearing protectors Part 1 Ear-muffs
- [7] SANS 1451 – 2 Hearing protectors Part 2 Ear-plugs
- [8] SANS 1451 – 3 Hearing protectors Part 3 Ear-muffs attached to an industrial safety helmet

2.2.2 Informative

- [1] 240-105658000 Supplier Quality Management Specification
- [2] 32-425 Hearing Conservation Procedure
- [3] Noise-Induced Hearing Loss Regulations promulgated under the Occupational Health and Safety Act 85 of 1993
- [4] 240-44175132 Eskom Personal Protective Equipment (PPE) Standard
- [5] 32-727 SHEQ Policy

2.3 CLASSIFICATION

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

2.4 DEFINITIONS

Definition	Explanation
Hearing Protective Device	A hearing protective device that circumaurally, supra-aurally or intra-aurally occludes the ear or the opening to the external ear canal and that complies with the attenuation requirements stipulated in SANS 1451 parts 1,2 or 3, as applicable
Noise	Means any sound that could adversely affect health of a person
Noise Induced Hearing Loss	Means an increase in hearing threshold level, or alternatively, a reduction in the sensitivity of hearing, caused by prolonged exposure to dangerous noise, normally affecting both ears to a similar extent

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2.5 ABBREVIATIONS

Abbreviation	Description
dB	Decibel
EN	European Norms
HPD	Hearing Protection Device
NEC	New Engineering Contract
NRR	Noise reduction rate
OHS Act	The Occupational Health and Safety Act, Act 85 of 1993
PPE	Personal Protective Equipment
SABS	South African Bureau of Standards
SANS	South African National Standard
SNR	Signal to noise rate
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

2.6 ROLES AND RESPONSIBILITIES

- a) **Assurance and Risk Manager/ Health and Wellness Manager** Ensures that the evaluation strategy addresses the gaps in all spheres of occupational health and safety such conducted audits etc
- b) **Compliance Manager** Ensures that the Evaluation strategy will give assurance in complying with relevant legislation and as well as relevant prescribed Eskom standards
- c) **Health and Safety Manager/ Manager, Occupational Hygiene** Manages a compiler as a functional responsible person in the compilation of this Technical Evaluation Strategy
- d) **Technical Evaluation Team** The delegated Cross functional team who are responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy
- e) **Contract Manager:** must ensure a consistent supply, delivery, and servicing of custom-made HPDs to meet the quantities specified in this scope

“As per 240-168966153 Generation Tender Technical Evaluation Procedure for Generation ”

2.7 PROCESS FOR MONITORING

- a) The elements/ information of this Technical Evaluation Strategy are transferred to the NEC contract which is an auditable process frequently
- b) The fulfilment of TES is contractually addressed through the developed QCP used during contract execution

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2.8 RELATED/SUPPORTING DOCUMENTS

QM 58	Supplier Quality Management Specification (240-105658000)
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3. TENDER TECHNICAL EVALUATION STRATEGY AND SCOPE

3.1 TECHNICAL EVALUATION METHOD

The basic steps for a technical evaluation must be followed as per the Tender Technical Evaluation Procedure

A two stage Technical Evaluation Strategy is set out

Stage 1 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 the tenderer shall not be further evaluated against Qualitative Criteria

Stage 2 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 A weighted scorecard approach is used to evaluate the technical compliance of the tenders against the specifications

The evaluation of the tender submission will be based on the tenderer’s ability to meet the SHEQ requirements

The following scoring method will be used

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet technical requirement(s)• No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet technical requirement(s) with,• Acceptable technical risk(s)AND/OR,• Acceptable exceptions AND/OR,• Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• No response

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The evaluation scores will be weighted as follows

Evaluation score (100%)

SHEQ

TOTAL (100%)

3.2 TECHNICAL EVALUATION THRESHOLD

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

3.3 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	██████████	Snr Advisor Occupational Hygiene & Safety
TET 2	██████████	Officer Occupational Hygiene & Safety
TET 3	██████████	Officer Quality assurance

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3.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

Number	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria	YES/NO
1	If tenderer is the Manufacturer Submit proof of declaration in writing that he/she is the Manufacturer of the custom made HPD with the confirmation to comply to EN 352 standard for hearing protectors	Signed letter of declaration with the confirmation to comply with the following EN standards, <ul style="list-style-type: none"> • EN 352 standard for hearing protectors 	<ul style="list-style-type: none"> • Reliability of the custom-made hearing protectors • Warranty preservation • All the custom-made hearing protectors to comply to the EN 352 standard 	
2	If tenderer is a distributor, the following documents shall be submitted The distributors or agents provide a copy of the Letter of support from the Manufacturer for the distribution of their custom made HPD and the duration of the support should match that of Eskom contract The Manufacturer must comply with Eskom standards	The letter of support from the Manufacturer indicating duration of support which must match Eskom contract duration, and proof of the Manufacturer's compliance with the following EN Standard, <ul style="list-style-type: none"> • EN 352 standard for hearing protectors 	<ul style="list-style-type: none"> • Reliability of the hearing protectors • Warranty preservation • All the custom-made hearing protectors to comply to the EN 352 standard 	

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 (%)	Evaluation Scoring Breakdown			
1.	Technical Criteria				0	2	4	5
	1 1 Submit a signed company profile indicating three (3) contactable references where supply was rendered over the past three years together with Company's number of years of existence	559-494809122	50%	100%	Signed company profile with 3 x contactable references submitted together with the proof that the Manufacturing company has been and still operating for less than a year	Signed company profile with 3 x contactable references submitted together with the proof that the Manufacturing company has been and still operating for 2 to 3 years	Signed company profile with 3 x contactable references submitted together with the proof that the Manufacturing company has been and still operating for 4 to 5 years	Signed company profile with 3 x contactable references submitted together with the proof that the Manufacturing company has been and still operating for more than 5 years

Tender Technical Evaluation Strategy for the supply, delivery and servicing of custom-made hearing protection devices at Kriel Power Station on an “as and when” required basis for the period of 5 years

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	1 2	Submit a signed letter indicating the warranty for the custom made HPD	559-494809122	25%		0	2	4	5
					100%	No submission	N/A	N/A	Submits signed letter indicating the warranty of the custom-made HPD
	1 3	Submit manufacture's Data sheets showing that the custom made HPD comply with the EN 352 standard for hearing protectors	559-494809122	25%		0	2	4	5
					100%	No submission	N/A	N/A	Submits the manufacture's Data sheets
				100%					

3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

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

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1	Unsigned company profile with verifiable contactable references (ensure your references are contactable and verifiable)
2	
3	
4	
5	
6	

Table 6: Unacceptable Technical Risks

Risk	Description
1	Submission of a company's warranty letter that is not signed
2	
3	
4	
5	
6	

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions



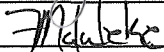
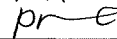

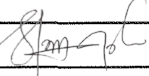

Risk	Description
1	None
1	
2	
3	
4	
5	
6	

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	None
2	
3	
4	
5	
6	
7	

4. AUTHORISATION

This document has been seen and accepted by

Name	Designation	Signature
[REDACTED]	Risk and Assurance Manager	
Gift Mamize	Acting Manager Safety Risk Management	
Miyelani Maluleke	Snr Advisor Occupational Hygiene & Safety	
[REDACTED]	Officer Occupational Hygiene & Safety	
[REDACTED]	Officer Quality assurance	
[REDACTED]	Snr Advisor Contracts Management	
[REDACTED]	Officer Contracts Administrator	

5. REVISIONS

Date	Rev.	Compiler	Remarks
July 2025	02	MF Maluleke	Removed P Tsotetsi as technical evaluation team member Changed the minimum threshold of 80% to 70%
November 2024	01	MF Maluleke	New document compilation

6. DEVELOPMENT TEAM

The following people were involved in the development of this document

- [REDACTED]
- [REDACTED]

7. ACKNOWLEDGEMENTS

None

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