

	<p style="text-align: center;"><b>Strategy</b></p>	<p style="text-align: center;"><b>Medupi Power Station GX</b></p>
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## Content

	Page
1. Introduction.....	3
2. Supporting Clauses .....	3
2.1 Scope.....	3
2.1.1 Purpose.....	4
2.1.2 Applicability .....	4
2.1.3 Effective date.....	4
2.2 Normative/Informative References .....	4
2.2.1 Normative.....	4
2.2.2 Informative.....	4
2.3 Definitions .....	5
2.3.1 Document:.....	5
2.4 Abbreviations .....	5
2.5 Roles and Responsibilities .....	6
2.6 Process for Monitoring.....	6
2.7 Related/Supporting Documents.....	6
3. TENDER TECHNICAL EVALUATION STRATEGY .....	6
3.1 TECHNICAL EVALUATION THRESHOLD.....	7
3.2 TET Members .....	7
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA .....	8
3.4 Qualitative Technical Evaluation Criteria .....	9
3.5 TET MEMBER RESPONSIBILITIES .....	14
3.6 Foreseen Acceptable / Unacceptable Qualifications.....	14
3.6.1 Risks .....	14
3.6.2 Exceptions / Conditions .....	15
4. Acceptance.....	16
5. Revisions.....	16
6. Development Team .....	16
7. Acknowledgements( if applicable ).....	16

### CONTROLLED DISCLOSURE

## 1. Introduction

Maintenance and servicing contract is required to keep all fire and emergency equipment at Eskom Medupi Power Station Generation division, Lephalale, at an acceptable standard and condition as required by Occupational Health and Safety act 85 of 1993, National Building Regulation no.103 of 1977, Fire Brigade Services Act 99 of 1987 and SANS 1475 Production of Reconditioned Fire Fighting Equipment.

Maintenance and Inspections performed shall be monthly to confirm visual operational status of fire equipment. This schedule establishes preventative maintenance of Fire Equipment to minimize the likelihood of breakdowns and constantly ensuring readiness.

## 2. Supporting Clauses

### 2.1 Scope

#### PART A

- General Aspects:
- The method statement outlining the site requirements, SANS standards and it's relevant
- The task specific risk assessment outlining the fire equipment risk and mitigation

#### PART B

- Technical Aspects:
- The tenderer provided an organizational chart for the proposed contract
- The tenderer must have the managerial ability appropriate to the nature and size of the work
- The tenderer must have sound knowledge of the Employer's maintenance policies or work procedures
- The tenderer must comply to Eskom minimum fire maintenance requirements

#### SPECIFIC WORKS INFORMATION REQUIREMENTS

- The tender must have the number of required technician employees employed
- The tenderer's Workshop must comply to the general requirements (Does the Tenderer have adequate maintenance facilities to complete the works and servicing of equipment?) (Inspection in-loco will be done)
- The tenderer must proof of previous contracts of similar service rendered - With Eskom or similar scale business (at least 5 projects). You will be scored according to the number of proofs you submit. If proof of five is submitted, you will get a full score.
- The tenderer must have a service vehicle of at least 3-5 tonnes suitable to carry fire extinguishers DCP and CO2, Skid units, etc. or mobile workshop as per standard (Vehicle needs to comply to hazmat transport requirements)

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### **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 applies to the Tender Evaluation Team for services in accordance with the authorised procurement strategy for Medupi Power Station fire equipment maintenance.

### **2.1.3 Effective date**

This Document shall be effectively implemented from 27 May 2025

## **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] ISO 9001 Quality Management Systems
- [2] 32-1034: Eskom Procurement and Supply Chain Management Procedure
- [3] ISO 9001 Quality Management Systems
- [4] OHSAS 18001, Occupational Health and Safety Management Systems, Requirements OHSAS 18001 2007
- [5] ISO 14001, Environmental Management Systems, Requirements with guidance for use ISO 14001 2004
- [6] Eskom Health, Safety, Environmental Management and Quality Policy 32-727
- [7] Eskom Standard for Emergency Planning 32-123
- [8] Fire Brigade Services Act 99 of 1987
- [9] National Environmental Management Act 107/1998 107/1998.

### **2.2.2 Informative**

- [10] 240-48929482: Tender Technical Evaluation Procedure
- [11] Occupational Health and Safety act 85 of 1993
- [12] National Building Regulation no.103 of 1977
- [13] Fire Brigade Services Act 99 of 1987

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[14]NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.

[15]SANS 1475 Production of Reconditioned Fire Fighting Equipment

[16]CIDB SF (Fire Prevention and Protection Systems)

[17]SANS14520 section 9.2 and 9.3

## 2.3 Definitions

Definition	Explanation
Fire Truck/Engine	Fire Fighting Vehicle
Hazmat Vehicle	Hazardous Equipment Vehicle for First Responder
Skid Unit	Wild Land Fire Fighting Vehicle / Unit
Small Gear	Is referred as Circular Saw, Chain Saw, Reciprocating Saw, Cordless Drill, Positive Pressure Ventilator and Electrical Generator

### 2.3.1 Document:

To add more applicable definitions

## 2.4 Abbreviations

Abbreviation	Explanation
BOM	Bill of Material
BOQ	Bill of Quantity
CIDB	Construction Industry Development Board
CMS	Comprehensive Method Statement
CO <sub>2</sub>	Carbon Dioxide
COID	Compensation for Occupational Injuries and Diseases Act
DCP	Dry Chemical Powder
FHR	Fire Hose Reel
EMD	Electrical Maintenance Department
FH	Fire Hydrant
GSS	Gas Suppression System
IED	Intelligence Electronic Device
ISO	International Standard Organisation
N/A	Not Applicable
PTM	Protection Telecontrol and Measurements
SANS	South African National Standards
SAQCC	South African Qualification & Certification Committee

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Abbreviation	Explanation
SOW	Scope of Work
TET	Technical Evaluation Team

## 2.5 Roles and Responsibilities

In accordance with 240-48929482: Tender Technical Evaluation Procedure.

## 2.6 Process for Monitoring

Not Applicable

## 2.7 Related/Supporting Documents

240-114146332: Medupi Power Station Scope of Work for the maintenance of fire emergency equipment

## 3. TENDER TECHNICAL EVALUATION STRATEGY

This section details the methodology to be employed by Eskom in scoring the “Technical” category of the tender evaluation. This evaluation exercise is performed by the appointed Eskom TET members.

The evaluation of the tenders will be based on the tenderer’s ability to meet the technical requirements. The evaluation consists of mandatory criteria and qualitative criteria. Results of mandatory evaluation will be “Compliant” or “Non-Compliant.”

The qualitative evaluation shall apply a weighted score card approach to evaluate the tenders against the specifications and Employer’s requirements. Table 1 below shall be used for scoring method.

**Table 1: Scoring Method**

SCORE	PERCENTAGE	DESCRIPTION
5	100	<p>COMPLIANT</p> <ul style="list-style-type: none"> <li>▪ Meet technical requirement(s)/AND;</li> <li>▪ No foreseen technical risk(s) in meeting technical requirements.</li> </ul>
4	80	<p>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</p> <p>Meet technical requirement(s) with;</p> <ul style="list-style-type: none"> <li>▪ Acceptable technical risk(s) AND/OR;</li> <li>▪ Acceptable exceptions AND/OR;</li> <li>▪ Acceptable conditions.</li> </ul>
2	40	<p>NON-COMPLIANT</p> <ul style="list-style-type: none"> <li>▪ Does not meet technical requirement(s) AND/OR;</li> <li>▪ Unacceptable technical risk(s) AND/OR;</li> </ul>

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		<ul style="list-style-type: none"><li>▪ Unacceptable exceptions AND/OR;</li><li>▪ Unacceptable conditions.</li></ul>
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE

### 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 2: TET Members**

TET number	TET Member Name	Designation
TET 1	Makatjila Modiba	Fire Risk Officer
TET 2	Noko Manaka	Fire Risk Officer
TET 3	Nicolaas Du Toit	Manager – Fire Risk Management

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### 3.3 MANADATORY TECHNICAL EVALUATION CRITERIA

All tenders will need to pass the mandatory section; the mandatory evaluation will be on a YES/NO basis as to whether the criteria are met or not. An assessment of "NO" against criteria will immediately disqualify the submission and no further assessment will be made.

Refer to Table 2 for mandatory requirements.

**Table 3: Mandatory Technical Evaluation Criteria**

	<b>Mandatory Technical Criteria Description</b>	<b>Reference to Technical Specification / Tender Returnable</b>	<b>Motivation for use of Criteria</b>
1.	SAQCC accreditation.	Provide a certified copy of accreditation certificate from SAQCC for the company and each of the technicians	It is legal requirement for every fire equipment maintenance company to be registered with SAQCC.
2.	Quality Management Systems – ISO 9001	Provide a certified copy of accreditation certificate	It is requirement for Quality standards
3.	CIDB SF.	Provide proof of active status.	In accordance with the national standards
4.	SANS 1475 certified workshop and offices.	Provide a certified copy of accreditation certificate of a SANS 1475 workshop.	It is legal requirement for every fire equipment maintenance workshop to be registered with SANS 1475.

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	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
5.	COIDA	LOGS must indicate that nature of business as: FIRE EQUIPMENT DLR & SERVICING & MAINTENANCE	It is legal requirement for every fire equipment maintenance with respect to injuries related to nature of business comply with COIDA.

### 3.4 Qualitative Technical Evaluation Criteria

Tenders who pass through the mandatory criteria shall then proceed to the qualitative evaluation. These sections shall be sub-divided into the following section with assigned weight/percentage as per **Table 4** below.

No.	Requirements	Targeted score
1.	<b>Technical Ability</b> -Site Manager, Safety Officer, SAQCC X 4 Technicians CV's demonstrating ability execute scope. X 4 full-time General workers.	30%
2	Provide certified SAQCC workshop and offices that complies to the SANS 1475 requirements.	30%
3.	Company's experience in supply, service, and maintenance of fire equipment (minimum of 3 years).	30%

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No.	Requirements	Targeted score
4.	Contractor to submit a <b>COMPREHENSIVE METHOD STATEMENTS</b> for executing scope of work/task.	10%
<b>Total</b>		<b>100%</b>
	<b>Overall Minimum Threshold is 70%</b>	
	<b>TECHNICAL SUITABLE</b>	<b>Yes/No</b>

A minimum threshold of 70% to be achieved to qualify for further evaluation of the tender.

Please note:

- The 1475 -1 & SANS 1475 - 2 workshop certificate must be registered on the company name; no third-party documents will be accepted.
- The South African Qualification & Certification Committee (SAQCC) for all technicians must be employed and registered under the same Company, no third-party documents will be accepted.
- Similar work done of minimum of 3 years Contract/Purchase Order from public/private sector and contactable references letters with previous or current employer’s letterhead.
- Compliance with ISO 9001 Quality Management certificate must be registered on the company name: no third-party documents will be accepted.

**Table 4: Qualitative Technical Evaluation Criteria**

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	<b>TECHNICAL ABILITY</b>		Submit proof of CV's, qualifications and relevant certificates of training and competency	<b>30%</b>	<b>30% (5) = Compliant</b>  <b>20% (4) = Compliant</b> with associated qualifications  <b>10% (2) = non-compliant</b>  <b>0 = Totally deficient or non-responsive</b>
	1.1	Site Manager	Minimum qualification: SAQCC 1475 qualification, Minimum 5 years experience and 3 years must be at a supervisory level.		
	1.2.	Safety Officer	Minimum qualification: National Certificate in Safety Management <b>AND</b> 3 years post qualification experience (SAMTRAC certificate compulsory, Including CV & certificates.		
	1.3.	Skilled = Certified Technician (4)	Must have a SAQCC 1475 Certificate and must be certified as a technician. A minimum of two (3) years' post qualification experience.		

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	1.4.	General Worker (4)	Must have N2, Grade 10 or higher.		
	<b>2. Workshop Location</b> The workshop location is in the order of Local, District, Provincial and National. (Provide proof of SANS 1475 accreditation of workshop is required)		<b>Certificate of registration</b> SANS 1475 and SAQCC Accredited	<b>30%</b>	<b>30% (5) = Compliant</b>  <b>20% (4) = Compliant</b> with associated qualifications  <b>10% (2) = non-compliant</b>  <b>0 = Totally deficient or non-responsive</b>
	2.1.	Workshop location based on the distance from the Medupi plant. Workshop within 50km of the site = 5 Workshop within 150km of site = 4 Workshop within 200km of site = 2 Workshop exceeding 200km of the site = 0			
	<b>3. EXPERIENCE OF COMPANY (Similar work experience – submit completion certificate and/or reference letter)</b>		<b>submit completion certificate and/or reference letter.</b>	<b>30%</b>	<b>30% (5) = Compliant</b>  <b>20% (4) = Compliant</b> with associated qualifications  <b>10% (2) = non-compliant</b>
	3.1.	1 to less than 2 years Fire Fighting Equipment Service & repair = 2			
	3.2.	2 to 3 years Fire Fighting Equipment Service & repair = 4			

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	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	3.3.	3 years and more Fire Fighting Equipment Service & repair = 5			0 = Totally deficient or non-responsive
4.	Contractor to submit a <b>COMPREHENSIVE METHOD STATEMENTS</b> for executing scope of work/task. 5 = DCP, CO <sub>2</sub> , FHR, GSS, FH 4 = DCP, CO <sub>2</sub> , FHR, FH. 2 = DCP, CO <sub>2</sub>		Attach Comprehensive Method Statements for Each	10%	10% (5) = Compliant  8% (4) = Compliant with associated qualifications  5% (2) = non-compliant  0 = Totally deficient or non-responsive
<b>MINIMUM QUALIFYING WEIGHTED AVERAGE SCORE</b>				70%	
				<b>TOTAL: 100</b>	Total weight:
Technically Acceptable Yes/No : _____					

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### 3.5 TET MEMBER RESPONSIBILITIES

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

### 3.6 Foreseen Acceptable / Unacceptable Qualifications

#### 3.6.1 Risks

**Table 6: Acceptable Technical Risks**

Risk	Description
1.	Inviting Supplier/s with no relevant experience on specific equipment's such as IED's.

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2.	Tendering without conducting site visit/s for plant walk-down/s.
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**Table 7: Unacceptable Technical Risks**

Risk	Description
1.	Mandatory criteria 1 and 2 not evaluated and/or satisfied.

**3.6.2 Exceptions / Conditions**

**Table 8: Acceptable Technical Exceptions / Conditions**

Risk	Description
1.	Declining to provide technical details accurately deemed intellectual proprietary.

**Table 9: Unacceptable Technical Exceptions / Conditions**

Risk	Description
1.	Deviation without technical qualification not accepted.

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#### 4. Acceptance

This document has been seen and accepted by:

Full Name and Surname	Designation
Mufarisi Manyuha	Professional Engineer – Fire Systems
Jakonus Nel	Fire Risk Officer

#### 5. Revisions

Date	Rev.	Compiler	Remarks
May 2023	2	C Mashiane	Revised final document
January 2023	1	Jakonus Nel	Document for Authorisation

#### 6. Development Team

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

- Nicolaas Du Toit
- Noko Manaka
- Makatjila Modiba

#### 7. Acknowledgements( if applicable )

Not Applicable

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