

Title:	<b>Technical Evaluation Criteria for Servicing and Maintenance of Fire Hydrant, Hose Reel and Fire Extinguisher for a Period of 36 Months</b>	Unique Identifier:	<b>HSTTPMM038</b>
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## CONTENTS

	Page
<b>1. INTRODUCTION .....</b>	<b>3</b>
1.1.1 Purpose .....	3
1.1.2 Applicability.....	3
1.2 NORMATIVE/INFORMATIVE REFERENCES.....	3
1.2.1 Normative .....	4
1.2.2 Informative.....	4
1.3 DEFINITIONS.....	4
1.3.1 Classification .....	4
1.4 ABBREVIATIONS.....	4
1.5 ROLES AND RESPONSIBILITIES.....	5
1.6 PROCESS FOR MONITORING.....	5
1.7 RELATED/SUPPORTING DOCUMENTS.....	5
<b>2.TECHNCIAL EVALAUTION CRITERIA .....</b>	<b>6</b>
3.TECHNICAL EVALUATION THRESHOLD .....	7
3.1 TET MEMBERS.....	ERROR! BOOKMARK NOT DEFINED.
<b>4.AUTHORISATION .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>5.REVISIONS .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>6.DEVELOPMENT TEAM .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>
<b>7.ACKNOWLEDGEMENTS .....</b>	<b>ERROR! BOOKMARK NOT DEFINED.</b>

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## **1. INTRODUCTION**

The purpose of this document is to obtain a service provider for servicing, maintenance and repair of fire extinguishers, hose reel and fire hydrant at Hendrina Power station for a period of 36 months.

This equipment needs to be fully functional and operational all the time and therefore required to be serviced on a yearly basis in accordance with applicable regulations to ensure they are operating safely at any given time, The nature of the contract is

- Monthly maintenance and servicing of fixed and portable fire equipment.
- As and when repair and replacement of the equipment following failures and non-function to restore to sound operational state.

### **Objective of the contract**

The primary objective is to ensure best practice maintenance regime and sound operation of the equipment to be fully compliant with all applicable regulations, including but not limited to, Occupational health and Safety Act, OHS Act 85 of 1993 and all SANS related regulations.

Hendrina power Station is having a legal responsibility to maintain and service its fire equipment, in addition to this, preventative maintenance to keep equipment in optimum condition leading to more reliable equipment, safety is a top priority when it comes to maintenance, service and repair to fire equipment.

### **Scope of the work and areas of focus**

The repair to be conducted in accordance with required Eskom emergency management in generation and SANS Standard.

### **Availability requirement**

The successful contractor is expected to be available to respond twenty-four hours per day, 7 days a week as determined by the nature of a given situation and /or emergency, as a result, the company must have a branch in Mpumalanga so that the service can be carried out smoothly and effectively.

#### **1.1.1 Purpose**

The purpose of this tender technical evaluation strategy is to define the technical requirements to be met by a contractor/supplier of the services for technical evaluation purposes.

#### **1.1.2 Applicability**

This document is applicable to Hendrina Power Station.

## **1.2 NORMATIVE/INFORMATIVE REFERENCES**

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

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### 1.2.1 Normative

- [1] 240-168966153 Tender Technical Evaluation Procedure
- [2] 32-1034 Eskom Procurement and Supply Chain Management Procedure

### 1.2.2 Informative

- [1] Eskom Hendrina power station operating manual.

## 1.3 DEFINITIONS

Definition	Description
SANS 10400 Part-T	The application of the national building regulation part T: Fire Protection.
Competent person	Person who qualified by virtue of his education, training, experience, and contextual knowledge to make a determination regarding the performance of a building or part thereof in relation to a functional regulation or to undertake such duties as may be assigned to him in terms of the National building regulations.
Maintained	Condition of operational readiness at all times in accordance with the original design and installation and associated maintenance procedure
Occupational Health and Safety	Measures adhering compliance with Occupational Health and Safety Act (Act 85 of 1993) and its regulations and with the Employers Health and Safety Specification
Suitable	Capable of fulfilling or having fulfilled the intended function or fit for its intended purpose.

### 1.3.1 Classification

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

## 1.4 ABBREVIATIONS

Abbreviation	Meaning given to the abbreviation
SAQCC	South Affrication qualification certification committee
FE	Fire extinguisher
QIP	Quality Inspection Plan
QCP	Quality Control Plan
SHERQ	Safety, Health, Environmental, Risk and Quality

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## **1.5 ROLES AND RESPONSIBILITIES**

As per 32-1034 Eskom Procurement and Supply Chain Management Procedure

## **1.6 PROCESS FOR MONITORING**

N/A

## **1.7 RELATED/SUPPORTING DOCUMENTS**

- SANS 1475
- National building regulation part T
- The occupational health and safety Act
- SANS 10400-W

SANS 10400 provides deemed-to-satisfy requirements for compliance with part T (Fire Protection) of the National Building Regulations and states the following:

- Any fire-fighting equipment, installations and fire protection systems in any building shall be so installed and maintained as to be always ready for their purpose.
- Any hose reel installed in such building shall comply with the requirements in SANS 543, shall be installed in accordance with SANS 10105-1 and SANS 10400-W, and shall be maintained in accordance with the requirements in SANS 1475-2.
- Portable fire extinguishers installed in a building shall comply with the requirements in SANS 1910, and shall be installed, maintained, and serviced by competent persons in accordance with SANS 1475-1 and SANS 10105-1.

SANS 1475 issued by the SABS specifically deals with:

- the administrative and technical details and controls applicable to the acceptable reconditioning of any portable and wheeled (mobile) rechargeable fire extinguisher (Part 1), and
- the procedures that apply to the effective reconditioning of fire hose reels and above-ground fire hydrants (Part 2).

**A Competent Person (SAQCC Registered Technician) employed by a Permit holder service and maintain fire-fighting equipment due to the following reasons?**

Regulation 19 of the OHS act, Pressure Equipment regulation states that:

“No person shall fill, recharge, recondition, repair, inspect or test any fire extinguisher unless such person is an authorised person employed by a permit holder”

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Furthermore SANS 1475 (Part 1 & 2) states that all staff members involved in the reconditioning of extinguishers, fire hose reels and above-ground hydrants shall have been trained and, where relevant, registered to ensure that each section of the work is carried out in accordance with the applicable part of SANS 1475.

As mentioned previously The South African Qualification Certifying Committee (SAQCC) has been appointed to ensure that servicing and maintenance of fire protection equipment is conducted according to the specifications laid out in SANS 1475 and, more importantly, that technicians have the correct training, qualifications, and experience.

SANS 1475 states that the service and maintenance of extinguishers, fire hose reels and above-ground hydrants shall be carried out annually with the additional requirement that powder, foam, water and water-based extinguishers be pressure tested every 5 years and CO2 extinguishers every 10 years.

## **2.TECHNCIAL EVALAUTION CRITERIA**

Criteria	Maxi mum point	Scoring	Returnable
<b>2.1. Company location</b>			
2.1.1 The needs to provide proof (in a format of physical address and a utility bill) that they have a branch in Mpumalanga province	0-10	10 points deducted if proof not submitted	Proof of address not older than 3 months at the time of tendering.
<b>2.2. Company Accreditation</b>			
2.2.1 Commitment to keep registration with SABS for the full 3-year period.	0-10	10 points deducted if proof not submitted	Letter of commitment must be submitted on company letterhead with relevant company details.
2.2.2 All work must be carried out in accordance with the following Standards SANS 1475-1 or SANS 1475-2 SANS 1157 or SANS 10105-1, SANS 54	0-15	5 points deducted if training records not produced 5 points deducted if certification not produced 5 points deducted if submission is not in line with SABS approved Standards. 15 Points deducted for non-submission.	Certification of compliance with standard to be provided. SABS also needs to provide the company with a letter stating they are certified to carry out this scope of work

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<b>2.3. Company Experience</b>			
2.3.1. Company Experience	0-15	No experience =0 1 years exp =5 2 years exp =10 3 years exp =15	Submit Company experience or previous orders.
<b>2.4. Quality Control plan</b>			
2.4.1. Quality Control plan	0- 14	14 points deducted for non-submission	Submit quality control plan
<b>2.5. Technician Experience</b>			
2.5.1 Four qualified technician qualifications and experience to be submitted	0-24	6 points per technician deducted for unqualified technician or no submission	Training record/technician's CV's must be Submitted.
2.5.2 Commitment to keep registration as a technician with SAQCC for the full 3 years	0-12	3 points per technician deducted if proof not submitted	Letter of commitment must be submitted on company letterhead with relevant company details.
<b>Minimum Qualifying Score</b>	<b>70</b>		
<b>Total Score</b>	<b>100</b>		

### 3. 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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