

	<b>SOW</b>	<b>Camden Power Station</b>
---	------------	-----------------------------

Title: **Supply And Delivery of pyrometers, and fuel oil meter (flow) at Camden Power Station.**

Document Identifier: **229-T2439**

HBS / Functional Location (Technical Docs): **N/A**

Area of Applicability: **C&I Maintenance**

Functional Area: **C&I Maintenance**

Revision: **1**

Total Pages: **5**

Next Review Date: **Once-off doc**

Disclosure Classification: **Controlled Disclosure**

Compiled by	Supported by	Authorized by
 <b>AGM Sishange</b> <b>C&amp;I Maintenance Technician</b>	 <b>Gugu Hlatshwayo</b> <b>C&amp;I Maintenance Senior Technician</b>	 <b>A.R Botshe</b> <b>C&amp;I Maintenance Manager</b>
Date: 29/10/2024	Date: 2024/10/29	Date: 29/10/2024 :

## **Content**

	Page
1. Introduction.....	3
2.1 Scope.....	3
2.1.1 Purpose.....	3
2.1.2 Applicability .....	3
2.1.3 Effective date.....	3
2.1.4 Normative References (Eskom documents).....	3
2.1.5 Informative References (non-Eskom documents i.e. Acts, SANS, ISO, etc.) .....	3
2.2 Definitions .....	3
2.3 Abbreviations .....	4
2.4 Roles and Responsibilities .....	4
2.5 Process for Monitoring.....	4
2.6 Related/Supporting Documents.....	4
3. SCOPE OF WORK.....	4
4. Plant areas to be executed in the Scope .....	5
5. Document Acceptance (Stakeholders).....	5
6. Revisions.....	5
7. Development Team .....	5
8. Acknowledgements .....	5

### **CONTROLLED DISCLOSURE**

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30

## **1. Introduction**

All the pyrometers and fuel oil meter (flow) installed at Camden Power station are manufactured are supplied by the original equipment manufacturer of which Camden power station is initiating a process of establishing a bulk purchase to minimise the procurement process of sourcing the spare should there be required on the plant.

### **2.1 Scope**

#### **2.1.1 Purpose**

The purpose of this document is to give a Scope of Work outline the list of spares that will be part of the purchase .

#### **2.1.2 Applicability**

This document is applicable to the following Departments:

- C&I Maintenance
- C&I Engineering
- C&I Maintenance Contractor

#### **2.1.3 Effective Date**

The document is effective from authorisation date.

#### **2.1.4 Normative References (Eskom documents)**

[1] ISO 9001 Quality Management Systems.

#### **2.1.5 Informative References (non-Eskom documents i.e. Acts, SANS, ISO, etc.)**

[1] Unique 474-10592 – Generation Plant Engineering Life Cycle Planning/Strategic Report for Control and Instrumentation Equipment for 2015.

## **2.2 Definitions**

DMS - Documentation Management System

DCS- Distributed Control Systems

### **CONTROLLED DISCLOSURE**

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30

### 2.3 Abbreviations

Abbreviation	Explanation
C&I	Control and Instrumentation
DCS	Distributed Control System
EOD	Electrical Operating Desk
HMI	Human Machine Interface

### 2.4 Roles and Responsibilities

C&I System Engineer - Compiles the Scope of work

C&I Maintenance – Review the Scope of Work

C&I Engineering Manager - Review, Approve and Authorise Scope of Work

### 2.5 Process for Monitoring

Not applicable.

### 2.6 Related/Supporting Documents

Not applicable.

## 3. SCOPE OF WORK

The objective of this contract is to supply and deliver the spares as per below list

Item nr	Description	Unit	Qty
0241317	METER, FLOW: TYPE: FUEL OIL; RANGE: 180000 KG/HR; DESIGN RATING: 25 BAR; POTENTIAL: 85-260 VAC; SUPPL P/N: PROMASS 83; TEMPERATURE RATING 200 DEG C; PROMASS	EA	4
0237213	PYROMETER: TYPE: SPECTRAL; RANGE: 250-2000 DEG C; POTENTIAL: 24 V; SUPPL P/N: 7MC3002-1AB20; CALIBRATION CERTIFICATE APPROVED BY	EA	30

### CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	SANAS TO BE SUPPLIED WITH EVERY DELIVERY		
--	--	--	--

**4. Plant areas to be executed in the Scope.**

- Units 1-8 and Common Plant.

**5. Document Acceptance (Stakeholders)**

<b>Name</b>	<b>Designation</b>
Gugu Sishange	C&I Maintenance Technician
Gugu hlatshwayo	C&I Maintenance senior technician

**6. Revisions**

<b>Date</b>	<b>Rev.</b>	<b>Compiler</b>	<b>Remarks</b>
29/10/2024	1	A Sishange	First draft

**7. Development Team**

None

**8. Acknowledgements**

None

**CONTROLLED DISCLOSURE**

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Eskom Holdings SOC Ltd, Reg No 2002/015527/30