

	Group IT Project Scope Statement	Template Identifier	240-43921804	Rev	4
		Document Identifier	240-85195240	Rev	2
		Authorisation Date	3 April 2017		
		Review Date	April 2020		

1 PROJECT DETAILS

Project No.'s	ID	100000015012		
Project Name	Mobile Workforce -SAP Mobility			
GIT Customer Area	SAP COE			
Functional Specialist	Conny Mnisi			
Technical Specialist	Florence Masipa			
System Configuration Specialist	Leon Govender			
Responsible Manager	Thikhathali Madzhiga			
Architect				

2 ABBREVIATIONS

Abbreviation	Description
PM	Plant Maintenance
COE	Centre of Excellence

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 authorised version on the system.

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

	Group IT Project Scope Statement	Template Identifier	240-43921804	Rev	4
		Document Identifier	240-85195240	Rev	2
		Authorisation Date	3 April 2017		
		Review Date	April 2020		

3 GLOSSARY OF TERMS / DEFINITIONS

Term	Definition

4 SOLUTION BACKGROUND AND CONTEXT

Mobile solution integrates with the multiple system for retrieving asset details, preventative maintenance schedules, alerts, notifications, reminders regarding the upcoming scheduled maintenance for plant, etc. The field service team use the mobile device to enter inspection/ maintenance results during field service/ inspection.

The objective of this technical specification is to guide business units to procure the compatible rugged handheld, devices for the Mobile workforce management system.

5 OBJECTIVES

5.1 Business objectives

Procure a suitable Android Handheld Device as per compatibility matrix for Mobile workforce management system for the below processes:

- Improve efficiency and reduce plant operational costs by improving Plant Asset Health Indexes
- To digitalise maintenance execution and plant Operation Check Sheets.
- Allow technicians/plant workers to access work orders, drawings, and create notifications from a mobile device.
- Improve execution of plant activities and electronic collection of data instantly.
- Improve predictive and preventive maintenance by preventing expensive and disruptive breakdowns through data analytics.

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 authorised version on the system.

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

	Group IT Project Scope Statement	Template Identifier	240-43921804	Rev	4
		Document Identifier	240-85195240	Rev	2
		Authorisation Date	3 April 2017		
		Review Date	April 2020		

6 SCOPE OF WORK FOR THE PROCUREMENT / REQUIREMENTS

- Procurement of rugged tablets maintenance execution on the plants.

Rugged Tablet Specification / Requirements:

No.	Prerequisites Type	Eskom requisite
1	Rugged Device	With Shoulder Carrier or Ergonomic Handle Strip for the device
2	CPU / Processor	Octa-core
3	Device Maximum Weight	Maximum Weight of < 800g
4	Disk Storage	256 GB or greater
5	RAM Memory	12G RAM or greater.
6	Screen size	8.1 to 10.1 inch
7	Touch Screen	Required
8	Operating System Software (OS)	Android 11.0 to 16.0/to the latest. It must be upgradable to the latest Android
9	Battery Life	Hot swappable : 10000 mAh or greater with 45W Power supply
10	Barcode Scanner	2D/3D Scanner
11	Network	4G/5G (LTE); Wi-Fi with Bluetooth 4.0 Cellular (WWAN): Have LTE, HSPA+ and GSM/GPRS Wireless LAN: Dual Band 2.4/5.2GHz
12	Warranty	3 Years required
13	Connections to the tool	Meet IP 67 Standard/ratings. 2 x USB 3.0 Ports. 1 VGA. MicroSD Slot support up to 2TB Audio Speakers and Microphone. Vehicle charger Stylist Pen Audio headset jack
14	Communication to the tool	Audio: Speaker / Digital Microphone / Headset jack Integrated BT
15	Navigation	Integrated Built in GPS navigation with capability to connect to an external GPS
16	Camera	Built in Camera Camera with geo tagging and Augmented Reality-assisted damage assessment.
17	External Battery	User to be able to swap out the battery without downtime The battery should be 12v DC or 220V AC Car charging adaptors required
18	Operating Environment	Operating: - 20 °C (-13 °F) to 55 °C (131 °F) Storage: -40 °C to 70 °C (-40 °F to 158 °F) Drop: 26 drops from 1.8 m (4 ft) to concrete Vibration, Sand & Dust: IP67, Water:IP67, Humidity: MIL-STD-810
19	Maintenance	Maintenance and Support contract, The vendor to offer 3 year device maintenance to be 3 Years

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 authorised version on the system.

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

	Group IT Project Scope Statement	Template Identifier	240-43921804	Rev	4
		Document Identifier	240-85195240	Rev	2
		Authorisation Date	3 April 2017		
		Review Date	April 2020		

Technical Specialist:

Name: Florence Masipa

Signature:



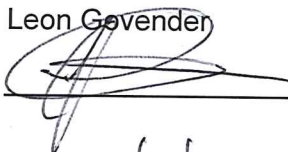
Date:

09/11/2024

Configuration Specialist:

Name: Leon Govender

Signature:



Date:

10/11/2024

Application Manager:

Name: Thikhathali Madzhiga

Signature:



Date:

14 October 2024

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 authorised version on the system.

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

	Group IT Project Scope Statement	Template Identifier	240-43921804	Rev	4
		Document Identifier	240-85195240	Rev	2
		Authorisation Date	3 April 2017		
		Review Date	April 2020		

7 Device support and maintenance contract SLA for 3 years

- Require identified personnel per city/town per region to fix the bugs, Contact names and numbers must be supplied. If you have 1st line support, please provide a call centre number.
- ESKOM will deliver the defective device(s) to office of the supplier and collect it after the repairs, if there is no one in Eskom to collect the defective device(s), the supplier will then courier it to Eskom.
- The supplier must communicate via an email and SMS on the status of device repairs.
- Turn Around time to identify the issue within 2 days of a call being logged or receipt of a Device.
- Should a device require the manufacturer to inspect the device, Eskom must be given a loan device(s) by supplier at no cost, while they are busy repairing the defective device.
- For out of warranty devices, Eskom reverses the right repair or replace the defective device.
- Any licenses required by the device OS or standard applications shall be covered by the supplier.
- If the application or usage of the device has corrupted the Operating System, it will be the suppliers resolve. The supplier will investigate to determine the root cause and send report to ESKOM with supporting evidence.
- If the device operating system just got corrupted, supplier will restore the operating system.
- Eskom quality check repaired items on arrival.
- No manpower charges will be accepted for device under warranty.

SCOPE EXCLUSIONS

- The software implementation costs

8 PROJECT GOVERNANCE

The procurement of the devices will follow Eskom Procurement Governance Policy and Procedures.

9 DOCUMENT ACKNOWLEDGEMENT

By signing this document, the people listed record their agreement on the contents of this document.

System Specialist:

Name: Constance Mnisi

Signature:



Date:

3/10/2024

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 authorised version on the system.

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