



## **SOLAR SYSTEM (PV) ANNUAL MAINTENANCE CONTRACT**

- **Service Provider: -**

MobileMART Systems Solutions LTD,

PO Box 4056-00100 Nairobi

Tel: +254.722.254123 | +254.733.254123

[www.mobilemart.co.ke](http://www.mobilemart.co.ke)

### **1. Scope of Work**

The Service Provider shall maintain the following solar PV system(s) at Golden Africa Limited.

- System size: [990 KWp] No of Solar Panels = [2508 pcs]
- Components covered: Solar PV modules, inverters, mounting structures, cabling, earthing, monitoring system, and related equipment.

#### **Maintenance Service include:**

1. Preventive maintenance (scheduled inspections, cleaning, tightening of connections)
2. Corrective maintenance (troubleshooting, repairs, part replacement)
3. Emergency support (response within 72 (hours)
4. Performance monitoring and reporting
5. Troubleshooting the solar panels and inverters.
6. Rectification of Faulty Strings DC String.
7. Test: - Voltage, Current, Insulation Resistance, Open circuit voltage test Short circuit voltage.
8. Test: - AC Cable - Megger Earth protection tests, Earth continuity test.
9. PV Inverter Inspection and Maintenance.
10. PV ACDB Boards Inspection and Maintenance.
11. PV Module Cleaning

## 2. Duration

- ANNUAL MAINTANANCE CONTRACT (AMC) RENEWABLE.

## 3. Payment Terms

- ANNUAL Support and Maintenance Fee: ----- KSH.
- Payment Schedule QUARTELY.
- Additional charges for services outside the contract scope (Transportation & Accommodation & Spare Parts)

## 4. Service Schedule

- **Preventive Maintenance:** At least quarterly site visits for inspection and routine maintenance
- **Module Cleaning:** At least twice monthly (fortnightly); more frequent if site conditions require
- **Reporting:** Submission of quarterly preventive maintenance reports and breakdown summaries, signed by client.

## 5. Detailed Maintenance Activities

- **Solar PV Modules:** Visual inspection, cleaning (use only water and soft cloth, avoid detergents), check for physical damage, bird droppings, or shading.
- **Inverters:** Visual inspection, check connections, clean ventilation, test operational status.
- **Mounting Structures:** Inspect for corrosion, loose bolts, and alignment; tighten or replace as needed.
- **Cabling & Junction Boxes:** Inspect for insulation damage, secure connections, and signs of overheating.
- **Earthing:** Test earth resistance and ensure proper connections.
- **Monitoring System:** Check data logger and communication links for proper operation.

## 6. Response Time

- Emergency breakdowns: Technician dispatched within 3 working days.
- Non-emergency: Attended during next scheduled visit.

## 7. Client Responsibilities

- Provide access to site and equipment during working hours
- Notify Service Provider of any observed issues promptly
- Maintain site environment and cleanliness around the solar installation

## 8. Exclusions

- Damage due to force majeure, misuse, unauthorized repairs, or acts of God
- Replacement of parts not covered under warranty (unless otherwise agreed)

## 9. Reporting & Documentation

- Quarterly maintenance and breakdown reports to be submitted and acknowledged by the client.
- Monthly plant output and performance reports where required.

## 10. Termination

- Either party may terminate with 30 days' written notice
- Immediate termination for breach of contract or non-payment

## 11. Governing Law

- This agreement is governed by the laws of KENYA

**Signed:**

**Edwin Ranji**

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(Service Provider Representative)

(Client Representative)

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