

Telecoms & Fault Response – Maqhashiya Solar PV Project

16 September 2026



Telecommunications and Remote Monitoring Scope

The Contractor shall provide a fully integrated telecommunications and remote monitoring solution for each Solar Home System (SHS), including:

- Supply and installation of GPRS communication equipment (including sim card – initial data and thereafter data for duration of maintenance period)
- Integration with the designated inverter monitoring platform
- Configuration and activation of remote system monitoring
- Configuration of fault alarms and notifications
- Provision of system reporting capabilities
- Testing and verification of reliable data transmission
- Demonstration of successful end-to-end communication during commissioning

Completion Requirement

All equipment shall be fully operational and capable of providing:

- Real-Time Monitoring
- Alarm Management
- Performance Reporting

Successful communication between each SHS and the designated monitoring platform shall be demonstrated and documented before the installation is submitted for Completion.

Contractor Support and Mobilisation Requirements

Defects Liability and Fault Response

- The Contractor shall be responsible for responding to and rectifying all system faults during 1 years following commissioning.
- Fault response and restoration times shall be in accordance with Eskom's prescribed service level requirements.

Commercial Considerations

Additional costs will be incurred for the purchase of Eskom approved Android devices.

Contractor Onboarding and System Readiness (to be completed by Eskom)

- Contractor onboarding including applicable training may commence upon formal appointment.
- SIM card procurement and preparation may be initiated in advance once contractor numbers are known.
- Onboarding activities include:
 - Device configuration and setup
 - Contractor training
 - Registration on Maximo
- Device preparation and configuration are expected following receipt of equipment prior to deployment.