

Addendum: Request for Information (RFI) Micro Grid to Utility Scale PV E2337DXEC

1. Waste Management Requirements

Respondents are requested to provide detailed information on their waste management systems for all project phases (construction, operation, and decommissioning) of Microgrid to Utility-Scale PV Plants.

- Describe your methodology for identifying, classifying, handling, and storing all waste generated.
- Outline your waste management processes for PV-related waste, including but not limited to module packaging, mounting structure off-cuts, electrical cable waste, inverter packaging, and battery waste.
- Detail your procedures for the safe handling, transport, and disposal of hazardous waste (oils, chemicals, battery materials) in accordance with the National Environmental Management: Waste Act (Act No. 59 of 2008).
- Provide details of recycling or recovery initiatives for PV modules, inverters, mounting structures, BESS components, and other materials.
- Describe how waste volumes are recorded, monitored, and reported to ensure compliance.
- Provide an outline of end-of-life disposal or recycling strategies for major plant components.

2. Security Requirements

Respondents are requested to provide detailed information on their security management strategy for both the construction and operational phases.

- **Construction Phase Security:** The philosophy for site security plan to protect personnel, equipment, materials etc. Outline physical security measures (fencing, access control, surveillance) and security personnel deployment. Detail procedures for securing high-value components (especially PV modules and BESS).
- **Operational Phase Security:** The philosophy for permanent security system design, including access control, perimeter security, CCTV, and intrusion detection.
- **Compliance & Standards:** Specify adherence to relevant South African standards and industry best practices.
- **Fire Protection Systems:** The philosophy for fire detection and suppression system technologies for critical assets.