

ANNEX B – TECHNICAL PROPOSAL

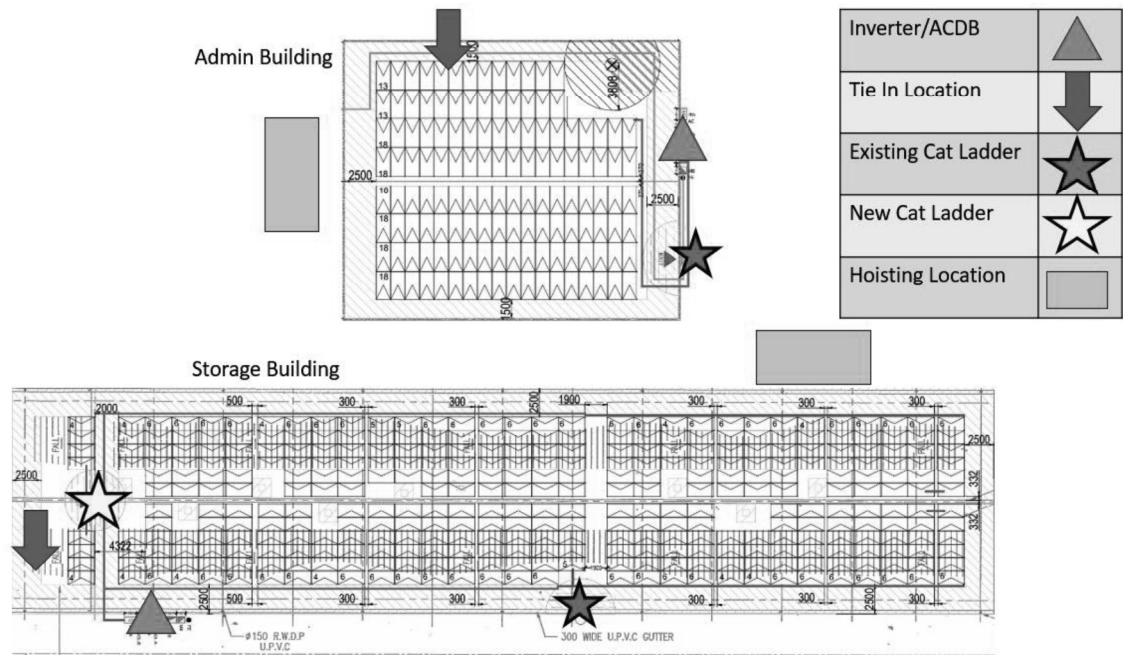


Figure 1 – Site Details

Roof Type

2 no. of Metal Trapezoidal roof

PV system size

Total: 266.96kWp, 481 nos. of PV modules

Breakdown:

Admin Block: 74.37 kWp, 134 no. of PV modules

Storage: 192.59 kWp, 347 no. of PV modules

PV module

555 Wp (minimum)

Plus power sorting

PID resistant

25-year linear power warranty

PV system type

Metal roof mounted, flushed mounted in parallel to existing roof

PV module mounting substructures

Trapezoidal mounting on metal roof

Self-tap screw will be mounted to secure mounting structures

Inverters

Estimated inverter requirement:

- 1 no. of 100kW string inverters
- 2 no. of 50kW string inverters ✓
- 2 no. of 36kW string inverters

Maximum efficiency at >98%

IP65/IP66 enclosure rated for outdoor installation

Inverter location: See Figure 1. All sites connection at ground floor

System connection

2 no. of tie-in points

Locations of tie-in points: See Figure 1