

Technical Specification of 60 KW Solar Plant at IRMRA

Sr. no.	Item Description	Unit	Specification
1	PV Modules	Nos	Tier-1 Indian Manufacturer ,Module capacity 330 Wp and above.
2	Module Mounting Structures including Fastners & Clamps	Set	200km/Hr wind velocity,Galvonisation 120micron.
3	Solar Grid-Tied Inverter	Nos	More than98% Efficiency
4	Main String Combiner Box	Nos	IP 65
5	Isolation Panel	Nos	IP 65
6	Connection accessories - Lugs,ferrules, glands, termination etc.	Lot	Standard
7	DC Cable	Meters	Apar,Lapp etc
8	AC Cable	Meters	Polycab
9	Wed Based Data Monitoring System	Nos	Standard
10	Earthing System for AC Side, DC Side & LA	Nos	IS 3043
11	Lightning Arrestor of suitable rating	Nos	IEC 62035
12	Fire Extinguisher - Foam type, Co2 type, etc as applicable	Nos	Standard
13	Module Cleaning System	Lot	Standard