

BILL OF MATERIALS

Sr. No	Item Name	Item Description	List of Brands/Specification
1	Solar PV module:	325-340 Wp, Poly crystalline Silicon	Vikram Solar, Renewsys, Waree, shanti solar,APS or as per ALMM list
2	Module mounting structure	i. Structure Material- hot dip galavanised Iron/Aluminium/hot dip galvanized MS ii. Wind Speed resistance- min 200 KM/hr iii. Structure Type- Ballast	As per specification defined by MNRE (Ministry of New and Renewable Energy)
3	Generation Meter		Secure/L&T/Genus
4	Inverter/PCU	i. Type- MPPT ii. Inverter Overloading- _20_ %	Havells/K-star/Fronious/ Powerone/radius/growatt/sungrow/polycab/APS or its equivalent
5	Isolation switch		
6	AC Cables		Polycab/KEI/RR/Finolex
7	DC Cables		Polycab/KEI/RR/Wacab/Microtek/sichem
9	DC Distribution Box	Material- Polycarbonate (IP65)	L&T/CITEL/Havells or equivalent
10	AC Distribution Box	Material- Polycarbonate (IP65)	As per specification defined by MNRE (Ministry of New and Renewable Energy)
11	MC4 Connector		As per specification defined by MNRE (Ministry of New and Renewable Energy)
12	Earthing	DC side Earthing less than 5 ohms	As per specification defined by MNRE (Ministry of New and Renewable Energy)
13		AC side Earthing less than 5 ohms	As per specification defined by MNRE (Ministry of New and Renewable Energy)
14		LA earthing less than 5 ohms	As per specification defined by MNRE (Ministry of New and Renewable Energy)
15	SPD	DC Side -1000V	As per specification defined by MNRE (Ministry of New and Renewable Energy)
16		AC side-600V	As per specification defined by MNRE (Ministry of New and Renewable Energy)
17	Lighting Arrestor	Minimum 1Mtr long	As per specification defined by MNRE (Ministry of New and Renewable Energy)
18	Fire Extinguser	As applicable	As per specification defined by MNRE (Ministry of New and Renewable Energy)
19	Sand bucket	As applicable	As per specification defined by MNRE (Ministry of New and Renewable Energy)

*Note: Customer can ask for any of the above-mentioned brands. Any material beyond the above-mentioned list is to be borne by customer additionally.