

SolarFlare

Office 33rd Eagle Mall, Bahria Town Lahore

Mobile No: 03214022522 / 03218557557

Landline: 0423-2084131

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Technical Proposal



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Sir,

Thank you for giving SolarFlare the opportunity to promote clean energy and a safer environment for our future generation. It's a noble thing to care for nature and offset the adverse effects on our environment by our carbon emissions.

The cost of electricity from NEPRA is rising every day, and the importance of maintaining a healthy environment grows every day. Installing a solar energy system is a cost-effective, green, and clean way to reduce your environmental footprint. This comes with an added advantage of decreasing or even eliminating your monthly energy expenditure.

SolarFlare promotes solar energy as it is inexpensive, simple, clean, eco-friendly and the smartest choice of energy. Your rooftop will be harnessing the energy of the abundant nature's gift to man – Sun. Solar energy is non-polluting and renewable. The average life of a solar system installed by SolarFlare will be 25 years, your new system will offset your carbon footprint by more than 25 tonnes of carbon dioxide which is equal to planting 45 Acres of trees. We want to save electricity bills and manage your energy resources so you always have the highest availability of energy at the lowest possible cost.

Our Integrated Monitoring System for the inverters will be available to you 24/7 for monitoring and reporting of the solar system installed at your premises. In the event of any technical problem, SolarFlare can monitor your systems remotely and diagnose the problem and send a member of our technical team to help you fix any issue you can face with your solar energy system.

We hope to help you get more energy independence by providing a good investment for the coming years and helping you make a more positive impact on the environment.

Thanks & Regards,
SolarFlare Team

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System Details	
System Watts	Approximately {SystemKiloWatts} Kilo Watts
Panels	Tier-1 Panels Longi/Jinko/JA/Trina – 25 Years Workmanship Warranty
Inverter	{InverterName}
Structure	{StructureName}
Roof Angle	{SystemAngle}
System Type	{SystemType}
Meter Phase:	3-Phase Meter Required Sanctioned Load > {SystemKiloWatts/1.5} Required



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Month	Units Generation
January	{JanuaryUnits}
February	{FebruaryUnits}
March	{MarchUnits}
April	{AprilUnits}
May	{MayUnits}
June	{JuneUnits}
July	{JulyUnits}
August	{AugustUnits}
September	{SeptemberUnits}
October	{OctoberUnits}
November	{NovemberUnits}
December	{DecemberUnits}

Electricity Units Generation per Month – Estimated with Optimal Conditions

The proposed system will produce the following energy according to SolarFlare estimates based on optimal conditions.

Energy Details	
Annual Production	{SumOfMonthlyUnits} Units
Average Monthly	{SumOfMonthlyUnits /12} Units
Yearly Savings	Rs. {SumOfMonthlyUnits*50}
NOTE: This calculation uses optimal conditions for the solar generations and the price of electricity is calculated to be 50 Rs/kWh.	

Equipment Details

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Item	Description
Solar Panels	{SolarPanelsQuantiy} x {SolarPanelName}
Inverter	{InverterQuantity} x {InverterName}
Equipment	All Imported/Genuine Equipment {DcBreakersQuantity} x DC Breakers [CLBE/CNC/Tomzn/Suntree/Schneider/ABB] {DcSpdQuantity} x DC SPDs [CLBE/CNC/Tomzn/Suntree/Schneider/ABB] {AcSpdQuantity} x AC SPD [Tomzn/Suntree/Schneider/ABB] {AcBreakerQuantity} x AC Breaker [Tomzn/Suntree/Schneider/ABB] External Disconnector Switch – 4Pole [CLBE/CNC/Suntree] MC4 Connectors Imported Internal DB Box of High Quality External DB Box with Canopy Lightning Arrestor DC Cable For Installation – [LAPP Germany, Fast, Pakistan Cables] AC Cable For Installation – Minimum 6mm/16mm/25mm [Fast Cables] UPVC Pipes, Lugs, Channels, Conduits, Ducts – Only Top Quality All All Pure Copper Equipment for Ground Bores
Structure	{StructureQuantity} x {StructureName}
Batteries	{BatteryQuantiy} x {BatteryName}
Misc.	System Design and Simulations Structure Installation Electrical Installation 3 rd Party Quality Inspection Transportation of Equipment AC and DC NEPRA Approvable Bores Labour Charges

SolarFlare VS. Other Installers

Item	SolarFlare	Other Installers

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Solar Panels	Mono PERC Technology—Tier 1 Panels – Jinko/Longi/JA/Trina-25 Years International Warranty 580 Watts	Poly/Mono – Tier 1 – 400+ Watts
Inverter	Only Tier 1 Inverters —5 Years Warranty	All Inverters
Equipment	Imported and Genuine Equipment. No Lot Purchased Or Copy 3ft Pure Copper Lightning Arrestor	Lot Purchased and Counterfeit Products. Some use original. 1ft Lightning Arrestor of lesser purity.
Structure	Aluminum Alloy Structure GI Structure 14 Gauge With Civil Work	GI Structure no Gauge Warranty. No Civil Work. Reluctance to install Aluminum Structure.

This document was truncated here because it was created in the Evaluation Mode.

