



SAMPLE — DEMONSTRATION DATA — NOT A CUSTOMER QUOTATION

PROPOSAL PREPARED FOR

Demo Residence  
Lahore, Punjab, Pakistan

PROPOSAL DATE

10 Oct 2026 (sample)  
Currency: PKR

PROPOSED SOLAR SOLUTION

10 kW-class grid-connected system • 9.90 kWp PV array

LAHORE

PV ARRAY

9.90 kWp  
18 × 550 W modules

ANNUAL GENERATION

13,950 kWh  
Estimated / year

PROJECT INVESTMENT

PKR 1.45M  
Budgetary total

SIMPLE PAYBACK

2.01 years  
Based on bill model

PROJECT OVERVIEW & DESIGN BASIS

SITE & UTILITY

Project location  
Lahore, Pakistan  
Solar resource  
4.9 peak sun hours/day  
Utility billing model  
Standard flat-rate assumption  
System type  
Grid-connected; no battery specified

PERFORMANCE BASIS

Annual generation estimate: 13,950 kWh  
PV capacity: 18 × 550 W = 9.90 kWp  
Inverter class: Huawei SUN2000, 10 kW  
Actual output depends on shading, orientation, weather and losses.

PROPOSED EQUIPMENT & SCOPE

| Component         | Specification                     | Qty                |
|-------------------|-----------------------------------|--------------------|
| Solar modules     | Jinko 550 W N-Type                | 18                 |
| PV array capacity | 9.90 kWp DC nominal               | 1 system           |
| Grid inverter     | Huawei SUN2000, 10 kW             | 1                  |
| Mounting          | Standard roof-mount structure     | 1 set              |
| Monitoring        | Smart Dongle WLAN-FE              | 1                  |
| Balance of system | Cabling, protection and earthing* | Included in budget |

IMPORTANT PROJECT NOTES

This is a preliminary proposal template. Equipment availability, final scope, taxes, utility approvals and installation conditions must be confirmed by the installer.  
Battery storage is not specified in this proposal. Savings are modeled estimates and are not guaranteed; actual results depend on usage and applicable tariff/export rules.



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INVESTMENT & RETURN SUMMARY

Transparent budget view and modeled bill comparison

INDICATIVE SYSTEM COST BREAKDOWN

ILLUSTRATIVE ALLOCATION

| Cost component                     | Basis               | Amount (PKR) |
|------------------------------------|---------------------|--------------|
| Jinko 550 W N-Type PV modules      | 18 modules          | 414,000      |
| Huawei SUN2000 10 kW inverter      | 1 unit              | 480,000      |
| Roof mounting structure            | Standard roof mount | 150,000      |
| DC/AC cable and connectors         | Budget allowance    | 85,000       |
| Electrical protection and earthing | Budget allowance    | 75,000       |
| Installation and commissioning     | Labour allowance    | 110,000      |
| Smart Dongle WLAN-FE               | 1 unit              | 25,000       |
| Transport and site logistics       | Budget allowance    | 35,000       |
| Design and engineering             | Budget allowance    | 26,000       |
| Consumables / contingency          | Budget allowance    | 50,000       |
| TOTAL PROJECT INVESTMENT           | Indicative total    | 1,450,000    |

12-MONTH PROJECTED ELECTRICITY BILL COMPARISON

| Month        | Current bill (PKR) | After solar (PKR) | Projected saving |
|--------------|--------------------|-------------------|------------------|
| Jan          | 60,000             | 15,000            | 45,000           |
| Feb          | 55,000             | 10,000            | 45,000           |
| Mar          | 65,000             | 10,000            | 55,000           |
| Apr          | 75,000             | 10,000            | 65,000           |
| May          | 90,000             | 5,000             | 85,000           |
| Jun          | 100,000            | 2,000             | 98,000           |
| Jul          | 95,000             | 3,000             | 92,000           |
| Aug          | 85,000             | 5,000             | 80,000           |
| Sep          | 70,000             | 10,000            | 60,000           |
| Oct          | 60,000             | 15,000            | 45,000           |
| Nov          | 50,000             | 20,000            | 30,000           |
| Dec          | 45,000             | 25,000            | 20,000           |
| ANNUAL TOTAL | 850,000            | 130,000           | 720,000          |

ANNUAL SAVINGS  
PKR 720,000

Projected / year

MONTHLY AVERAGE  
PKR 60,000

Projected average

SIMPLE PAYBACK  
2.01 years

Investment ÷ savings

YEAR-1 RETURN  
49.7%

Savings ÷ investment

CALCULATION NOTES

Savings are calculated from the supplied 12-month bill comparison: current bills total PKR 850,000/year and projected post-solar bills total PKR 130,000/year. Annual modeled savings = PKR 720,000. Simple payback = PKR 1,450,000 ÷ PKR 720,000 = 2.01 years. Year-1 savings-to-investment ratio = 49.7%. These are estimates before financing, O&M, degradation, tariff changes and any applicable export credits.

IMPORTANT: Itemized component prices above are illustrative budget allocations, not supplier quotations.