From : CEO AkSolarAndResearch,

Akhtar Awan

In Respect of : The Honorable Customer,

**FEASIBILITY STUDY: SOLAR ENERGY GENERATION PLANT**

1. In line with feasibility study of your business, to meet the energy requirement with sustainability and control, few lines for your kind attention please.

2. Sir you have shown your kind interest for High-Tech industrial grade (A-1 Tier-1) Solar Energy Solutions. In this regard, I am sharing a study based on **620 Units (kw/h)** monthly consumption on average. We are cordially welcome your queries and if possible confirmatory survey of the place where system has to be installed. It is to find out exact size of solar plant, mounting structures (to maintain the azimuth and elevation of photovoltaic cells).

3. Submitted with confidence.

Best Regards

CEO

File: AK/SOLAR/Q/415-2024 dated: 5th of April, 2024

**PROJECT FEASIBILITY**

**“what come easy won’t lost long and what lasts long wont com easy”**

|  |  |
| --- | --- |
| System Type | Hybrid |
| System Capacity | 5.0 Kilo Watts |
| Monthly Units Generations | 620 Units |
| Yearly Generation Unit of Electricity (KW/H) | 7,440 Units |
| Return on Investment | 2-3 Years |
| Warranted Life of system | 25 Years |
| System projected Generation during its life | 186,000 Units |
| Monitory value projection based  (during the life of system) | 8,370,000 Rs  Rs 8.37 Million |

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Note: - Servicing / Maintenance of the system would be provided ***FREE*** for **TWO** years after installation of the system to honorable customer.

**(CEO offered incentive)**

**5.0** **KW Hybrid Solar System**

**Sale Quote**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Item** | **Specification** | **Qty** | | **Amount**  **RS** |
| 1 | Solar Panel  4,995 watts approximately | (Grade A 1, Tear 1)  Longi | Canadian | Jinko 555 Watts,  Half cut Yes ~~/ No~~  Mono PERC Panels Yes ~~/ No~~  In compliance with international standards, 30-year linear warranty | 09 | No |  |
| 2 | Inverter | TESLA Infini V3 6KW Hybrid Solar Inverter with Online Monitoring and 01-Year Warranty (Supports 7.0 KW PV)  **Specially Modified by R&D AK Solar** | 01 | No |
| 3 | Back Up |  | - | - |
| 4 | Mounting Structure | Frames assembled from imported Galvanized iron sheet, 14-gauge standard structures, anchor bolts, nuts / bolts & other mounting accessories (Made in France) | 3L\*3 | No |
| 5 | PV Balance of System | DC cables 4 mm / 6 mm single core with dual insulation. AC Cable standard, UPVC pipe fitting. |  | Job |
| Distribution box with safety equipment’s included PV breakers and box. Inverter mounting plates & other accessories. |  | Job |
| 6 | Installation Charges | Installation including commission, testing. |  | Job |
| **GRAND TOTAL** | | | | | **785,000** |

**Note: Net-Metering cost (RS 65,000) is not included in the quote (No Hidden Charges). Transportation is only for Islamabad / Rawalpindi City.**

**System Behavior / Monthly Production** **(Based on past three-years data)**

**Terms and Conditions**

|  |  |
| --- | --- |
| Price Validity | 04 days from issuance of this proposal.  The product prices are linked with USD-PKR Parity. |
| Payment Terms | 80% of the total sum in advance, 10% on completion of installation and 10% after Net-Metering. |
| Delivery Time | Within 15 to 21 days. |
| Operation & Maintenance | Any onsite visit will be charged (Travelling Expense only) during warranty period Client will be provided with the basic level maintenance manual provided with equipment on the time of delivery of equipment. |
| Order Reversal | Within 10 days: 90% will be refunded back. |
| Product Standard Warranty | As given / stated by the brand. |
| Transportation / Food | Transportation is only for Islamabad/Rawalpindi. Other customers are kindly required to provide transport for transfer of project equipment. Suitable residence and food are also customer responsibility. |
| Scope of Work | AC work and ac cables are not included. Work on the AC Distribution Box is the responsibility of the owner. Assistant, depending upon the situation / subject to condition may be facilitated. Availability of the earthing is assumed to present.  In case of Elevated Welding Structure, actual cost will be added to the quotation. |
| Net Metering | Net-Metering payment would be charged in advance to speed up the process.  In case of extension of load, cost of RS 35,000 will be added to quotation |
| Earthing | If required, customers would be charged at market prices. |
| Scope of work | (Pen Picture) |
| Any Other |  |