

Technical and Commercial Proposal
EPC for 5 MW Solar Farm Power Plant

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Technical and Commercial Proposal

EPC for 5 MW Solar Farm Power Plant

1. Introduction

It is our pleasure to submit this proposal for the complete EPC for 5 MW solar farm power plant.

2. Plant Description

Plant will consist mainly of solar panels and a number of electric equipments for voltage conversion to make suitable for national grid distribution. The estimated required area for the plant is 80,000 to 90,000 m².



Solar Panel (250 Watt)

3. Scope of Supply

The scope of supply will be the complete supply of solar panels and equipments for 5 MW power generation.

4. Scope of Work

The scope of work will be:

- Complete supply of solar panels and equipments for 5 MW power generation.
- Installation of all panels and equipments at site.

5. Period of Completion of Project

The period for completion of the plant shall be 12 months.

6. Origin of Equipments and Materials

The origin of all equipment and materials will be from Banking and Engineering.

7. Price

The total price for the completion of the solar plant shall be:
5,420,000 USD

Five Million Four Hundred and Twenty Thousand United States Dollars

8. Price Breakdown List

Please refer to the following breakdown list:

Item	Unit	Quantity	Price (USD)
Solar panels (250 Watt)	PCS	20,000	2,106,700
Inverter (DC to AC)	Sets	100	478,300
AC Distribution cabinet	Sets	17	51,090
Mounting system/cables (also include ground basis)	Sets	1	1,460,968
35KV transformer + SVG (Also named box-type transformer)	Sets	1	298,938
Monitoring system (SCADA)	Sets	1	13,045
High Voltage Switch Cabinet	Sets	1	128,275
Grounding system (grid)	Sets	1	76,093
Cable tray	Sets	1	67,397
MC4 and related accessories	Sets	1	8,697
Earth connecting system	Sets	1	67,397
Installation of Plant	Sets	1	554,400

Shipping	Sets	1	108,700
			5,420,000

9. Payment Terms

Payment terms shall be as follows:

- Down payment of (1,600,000 USD)
- Second payment (3,400,000 USD) after completion of equipments fabrication in China and prior to shipping
- Third Payment (420,000 USD) after receiving all equipments at site

We hope that this offer is acceptable for you.