

# Proposal for Solar PV System

## Mr. Sumit Chandna

Customer ID	114544
Address	1555/4, Gurugram, Haryana - 122001
Email ID	<i>schandna131172@gmail.com</i>
Phone No.	+91-9971088875
<i>Place of Installation</i>	<i>Rooftop</i>
Usage	<i>Residential</i>
Sanctioned Load	11 kW
Number of Phases	Three
Avg. Monthly Bill	INR 9,500/-

# Welcome to MYSUN

India's Largest Rooftop Solar Platform of its Kind



**To Solarize  
a Million  
Rooftops  
by 2022**

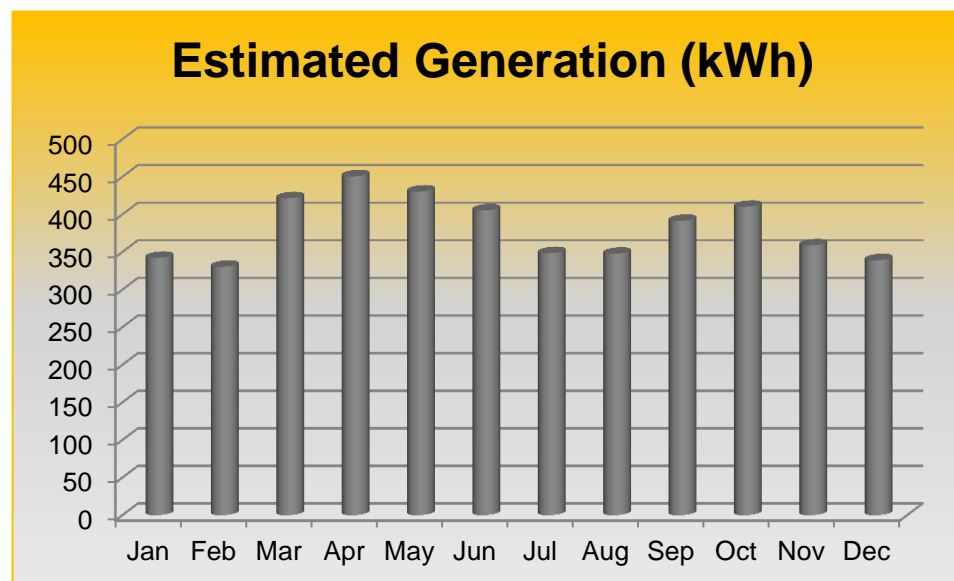
# Your Proposal

---

- Based on your state net metering policy, space availability, technical parameters, and your average electricity bill, we recommend you to have a system of 2.88 kWp on your roof.
- Panels will be installed using stacked elevated structure with a minimum roof clearance of 1 m.
- System cost is on a higher side by amount INR 18,000 due to superstructure. If you use your lower roof, your system size will increase and per kWp price will go down.
- Panels have been mounted according to building orientation and a tilt of 15 degree.
- Finance options will provided as per your requirement.

# Proposed System Size

Module Orientation	Capacity of Each Module (Wp)	Total installed Capacity (kWp)	Estimated Annual Generation (kWh)	Estimated Specific Generation (kWh/kWp/day)
23 degree E of true S	320	2.88	4,575	4.35



**NOTE:** Module of different Wp rating can be used while actual execution as to ensure proper utilization of space and enhance the system output.

# Pricing & Payment Terms

Capacity of System	Market Price (Rs) (as per ministry)	MYSUN Offer Price (Rs)
2.88 kWp	2,48,900	2,28,500

	Detail	% Value
Payment Terms	Advance	20% of contract value
	On Material Dispatch	70% of contract value
	Post Installation	10% of contract value

- All payment shall be made through RTGS/NEFT payment
- Payment shall be made within 7 calendar days of issue of invoice
- Price quoted above is as per current applicable taxes, any cost impact due to change in taxes shall be borne by Client
- Price quoted is valid for 15 days from date of offer
- Delivery and Installation within 4~6 weeks from Advance Payment

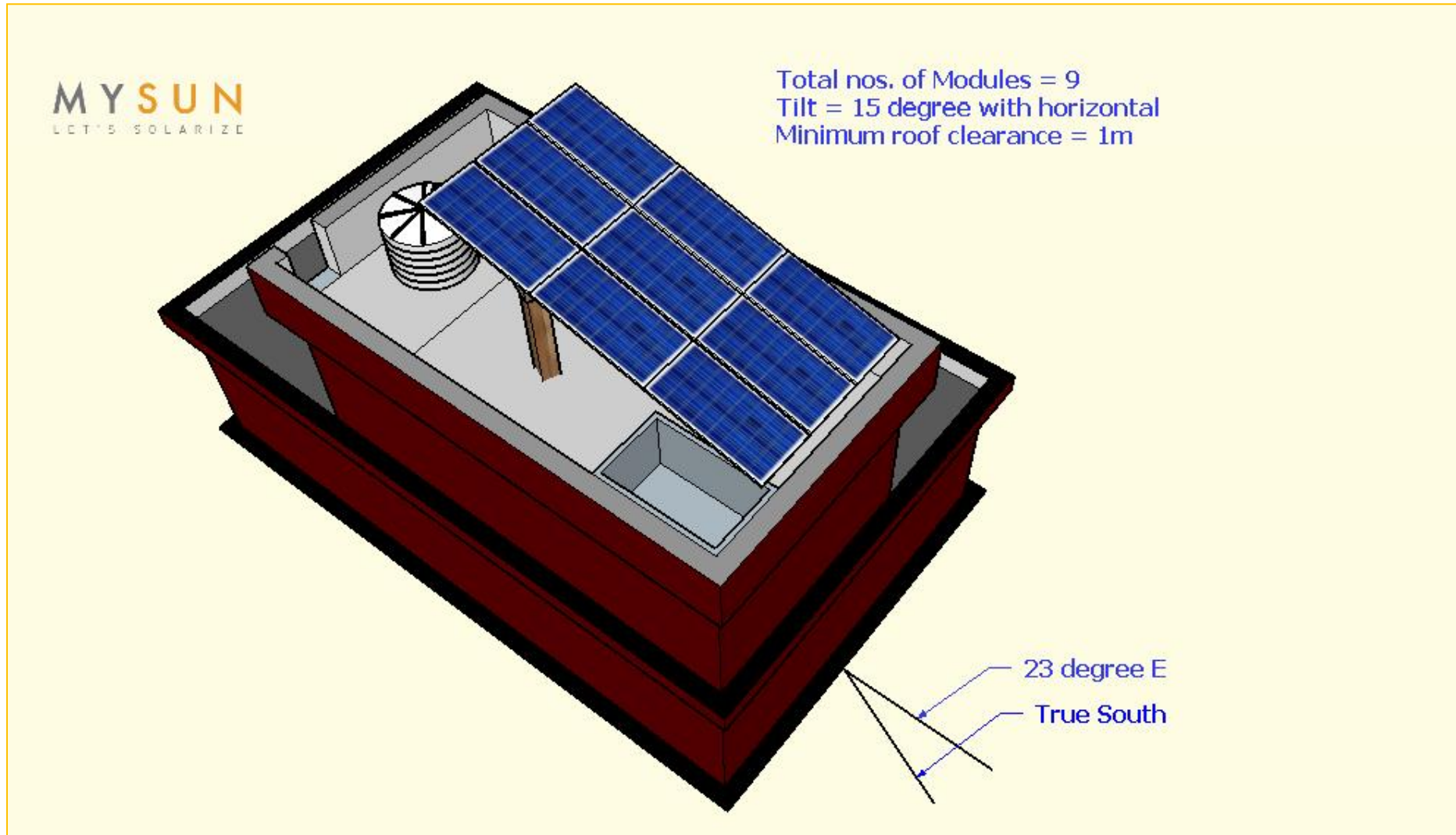
# Your Savings & ROI

Estimated Monthly Savings (INR)	Lifetime Savings (INR)	ROI	Your Contribution to Environment
INR 3,992/-	17.14 Lacs	23.41 %	103 trees added, 03 cars taken off the road

## NOTE:

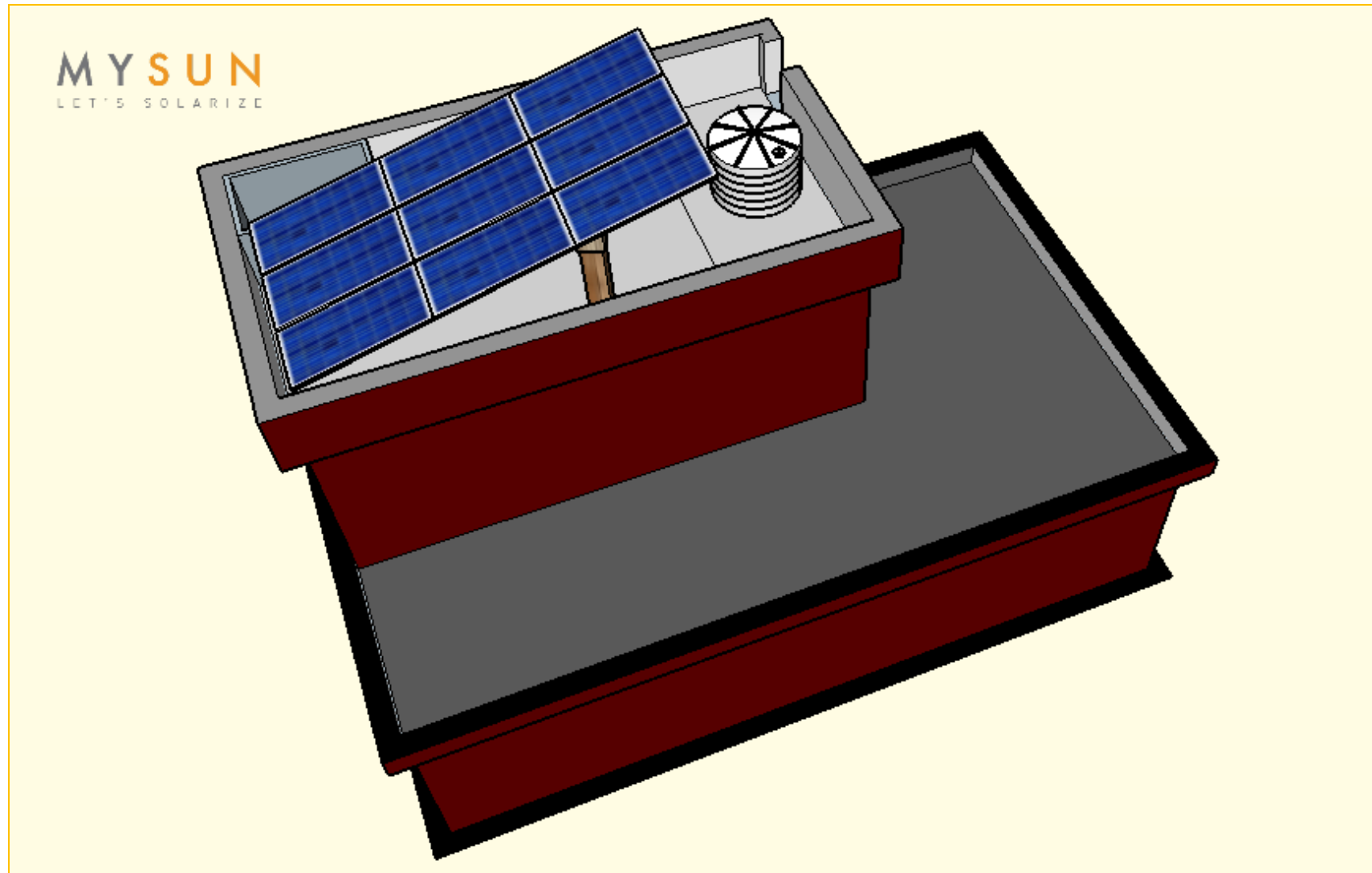
1. The price mentioned doesn't include the impact of GST.

# Module Layout



View 01

# Module Layout



View 02



# Major Items and Make

Item	Specs	Proposed Make
Module	High Efficiency Poly-Crystalline Silicon	Trina/ Canadian Solar/ REC, or equivalent
Inverter	String Inverter	Zevert/ Delta or equivalent
Mounting Structure	GI	
DC Cable	UV protected, Tin coated copper with cross linking polymer	Lapp, Leony, Helu, Appar, or equivalent

**MYSUN uses only TIER 1 Equipment**

## Modules

- Manufacturers with proven track record considered
- High efficiency Modules for better generation and high capacity to space ratio
- 100% PID free modules to ensure no risk of rapid degradation of generation
- No requirement of negative grounding
- Low temperature co-efficient to have better generation even at higher temperature

## Inverter

- High efficiency string inverters from reputed suppliers with proven track record
- Transformer Less inverters to ensure no losses due to voltage step up
- Multi MPPT to negate impact of partial shading

# Scope of Work for EPC/ Warranty

## Scope of Work for installer will include following

- Complete design and engineering
- Procurement of materials required for solar power plant such as:
  - Modules, Inverters, DC cables, AC cables, ACDB panel, Monitoring system Earthing, Mounting structure
- Civil work required
- Support for any Approval/Certificate if required from concerned DISCOM & CEIG
- Erection and installation of solar PV system
- Testing and commissioning of grid connected rooftop solar PV system

## Client will provide following to facilitate installation

- Provide space to store materials
- Provide electricity and water for construction
- Approval/Certificate required from concerned DISCOM & CEIG

Module Warranty	Inverter Warranty	System Warranty
Equipment Warranty- 10-12 Years against workmanship	Warranty- 5 Yrs (Standard Manufacturer Warranty)	1 Year from Installation Date
Performance Warranty- Min 80% power output at the end of 25 years of operation		Guaranteed PR = 74%

# Operations and Maintenance

	Details	Value
Operations and Maintenance	Free O&M years	1
	O&M charge per year (After free O&M years is over) INR	3,888
	O&M rate escalation percentage per year %	5% yoy

## Conditions of O&M (Inclusions)

- Periodic checking for any crack/damage/hotspot to modules.
- General checking for loose/burnt cable connections and any abnormal sound from inverter.
- General checking for any damage or heating in cables.
- Periodic checking of earth resistance and proper connections.
- Periodic maintenance as per O&M schedule. Detailed O&M schedule will be submitted at the time of handing over of plant.

# Clarifications/Exclusions

---

## Clarifications/Exclusions

- Cost quoted does not include any spares. MYSUN can recommend for required spares to be kept at site for better performance.
- Evacuation of generated power is assumed at **415V**, with three phase connection
- Security and safety of system will be in scope of Client

## **Site assessment**

Through site survey using advance solar access tool

## **System Design:**

### **Shading analysis:**

Advance shading analysis after creating replica of site. Shading analysis carried out to optimize capacity and energy generation of your system.

### **Structure Design**

Mounting system will be designed to withstand wind loads of 150 Km/hr. Module will be placed on roof at a tilt of 15 degree with horizontal.

### **Equipment Selection**

Modules and inverters with high efficiency ratings considered to ensure better space utilization, high generation, durability and less losses.

UV protected DC cable to ensure durability

### **Loss minimization**

Optimum String lay outing done to ensure minimum DC side loss

High quality tin coated DC cable for low DC ohmic loss (less than 1%)

Multi MPPT string inverters to negate losses due to partial shading

# MYSUN Assured

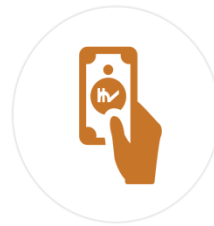
## Full Lifecycle Responsibility



**CUSTOMISED  
SOLUTIONS**



**COMPETITIVE  
PRICING**



**FINANCING  
OPTIONS**



**QUALITY  
STANDARDS**



**LIFETIME  
SUPPORT**

- Assured best-in-class Price and Quality
- Advanced System Design and Engineering
- Timely Installation/ Approvals
- Guarantees and Warranties
- Single point of contact from Site Visit to Installation to O&M
- Financing options
- 25 Year Support

**One-Stop Solar Solutions for Consumers**

# We Handle Your Roof with Care

Tested Solutions and Experience in handling all Indian Roof Types

Mounting Solutions Designed & Tested for Indian Weather and Wind Conditions

## Flat Roofs



Non-penetrative ballast mount structures or  
Elevated Mounting Solutions

## Super Structures



Customized Super Structure Mounting  
Solutions

Global Best Practices for Rooftop Installations



# Contact Us

If you are interested to know about the solar rooftop policies such as net metering and more, please visit **MYSUN** here.....

<https://www.itsmysun.com/solar-state-wise-policy/>

Contact Number: 0120-4753511

WhatsApp Number: +91- 9873161009

Email ID: [hello@itsmysun.com](mailto:hello@itsmysun.com)

Visit us: [www.itsmysun.com](http://www.itsmysun.com)