

*About the company...*

## ***Mounting structures for perfection...***

SUDHIR ENGINEERING WORKS is specialized in the design, manufacturing, and marketing of solar mounting structures. We have wide range of high-quality and advance racking systems used in any type of photovoltaic plant. We provide roof top, ground mounting and BIPV solutions. Our mission is to provide safe and reliable solutions to our partners.

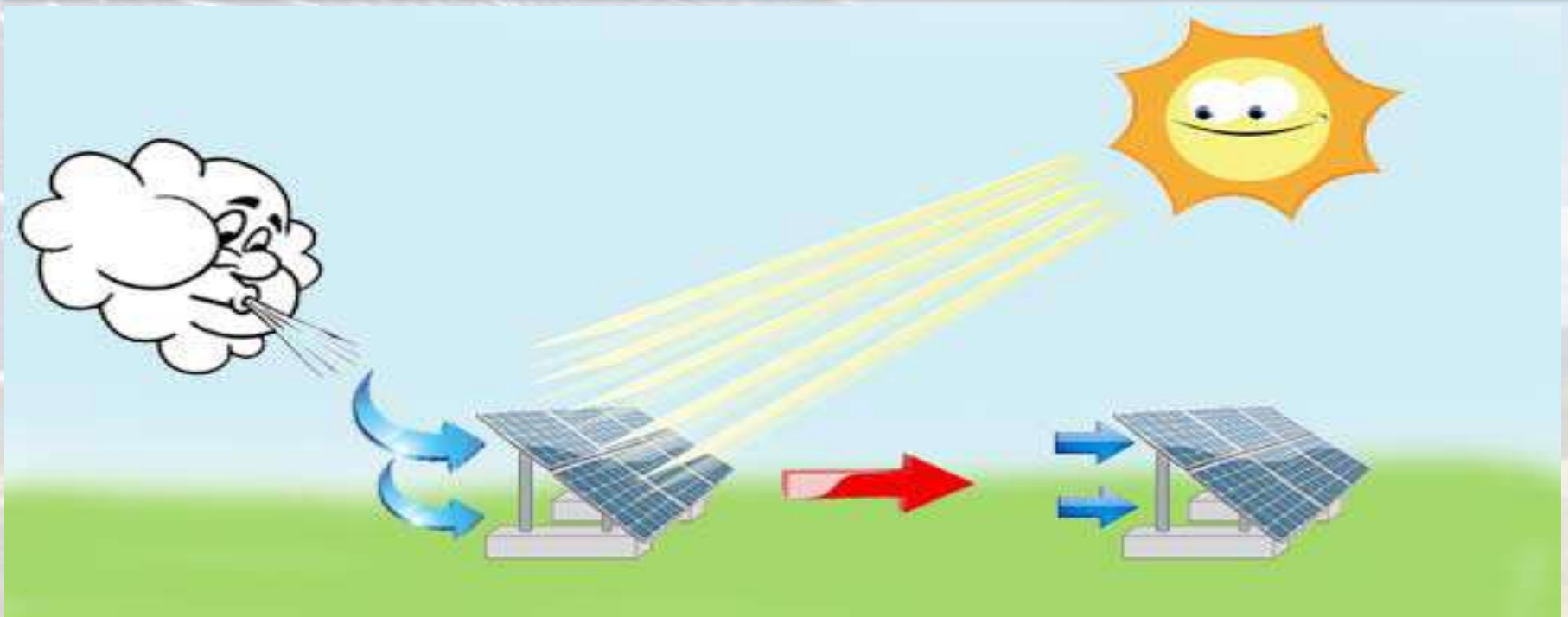
We have solutions those can be assembled into a variety of structures to accommodate most of the job sites. We provide a technical support team rich in experience which helps you solve the toughest target in the field. With over two decades of industry experience & profound knowledge, we have set higher benchmarks in the field of designing & manufacturing precision engineered Mounting Structures for Solar Plants.

It is our prime moto to get our customer what is latest and the best available.

## *Importance of Mounting Structures....*

The solar modules are the greatest asset in any solar plant installation. While the cost of solar modules can vary greatly depending on their type, quality, and size, one thing is certain, they are not cheap. Solar modules alone can account for between 50-60% of the total solar power system cost. This illustrates how important it is to make sure that the solar modules have a stable, secure support system and foundation regardless of the type of installation method.

***The only thing which protect the most valuable asset of solar plant is providing a quality, engineered Mounting Structure.***



## Why Sudhir Engineering Works...



## What we do...

### Design

- Based upon site data we design the best and robust structure that will stand for more than 25 years.
- All our designs are approved and validated by structural Engineer.

### Supply

- In our own manufacturing plant, we overcome the risk of any delay in supply maintaining the best quality.
- ISO certified process, CE certified

### Install

- We have dedicated, skilled and trained team to install your project in defined shortest time.
- Quality and Safety first

## *What we offer...*

### Roof Top Structures

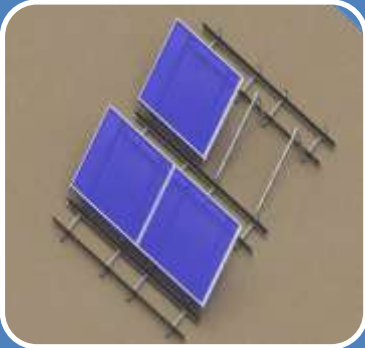
- Industrial Metal Roof Tops
- Ballast Type for RCC Roof Tops
- Fixed Tilt Structures for RCC roof Tops

### Ground Mount

- Fixed Tilt Table design Structure
- Seasonal Tilt Structure

### Car Parking/ Super Structures

- Double Cantilever-Flush Mount
- Double Cantilever-Tilted Mount
- Full Cantilever-Flush Mount



## Ballast Type Structure

- Hot dip galvanized for corrosion free service life
- Compact, Easy and Stable design
- Storage and transport friendly



## Industrial Shed Roof Structure

- Aluminium Alloy Highly reliable design
- 100% Water proof arrangement
- Landscape/Portrait Orientation



## RCC Roof top Structure

- Hot dip galvanized for rust free life
- Design wind speed upto 200KMPH
- Pre-Fabricated design. (No onsite welding or drilling)

*Some of our Installation*



100 KW on industrial roof at Omax, Bawal, haryana in **Year 2013**





1.5 MW at LNJ Bhilwara Group, Rajasthan



1.8 MW at RSWM Ltd, Bhilwara (One Single Roof)



200 KW at Minda Group, Manesar, Haryana



100 KW at Spencers Retails Ltd (RPG-Group), Musheerabad Hydrabad



200 KW at BABA Group, NOIDA, UP



380 KW at IPGCL Gas Power Plant (Govt. Project)



5MW at Different Sites in Maharashtra on Shed roof Size for Haldiram and Saula Wines



3MW at JK Tyre Chennai Plant (One of the Largest roof top plant)

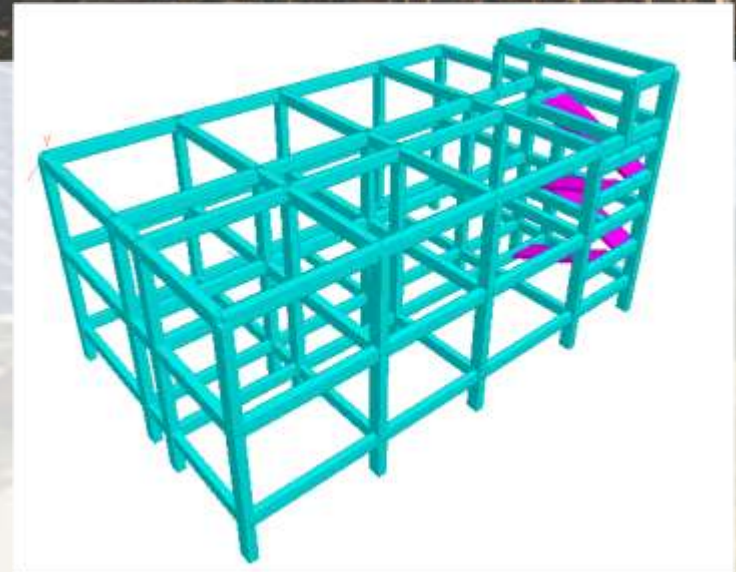
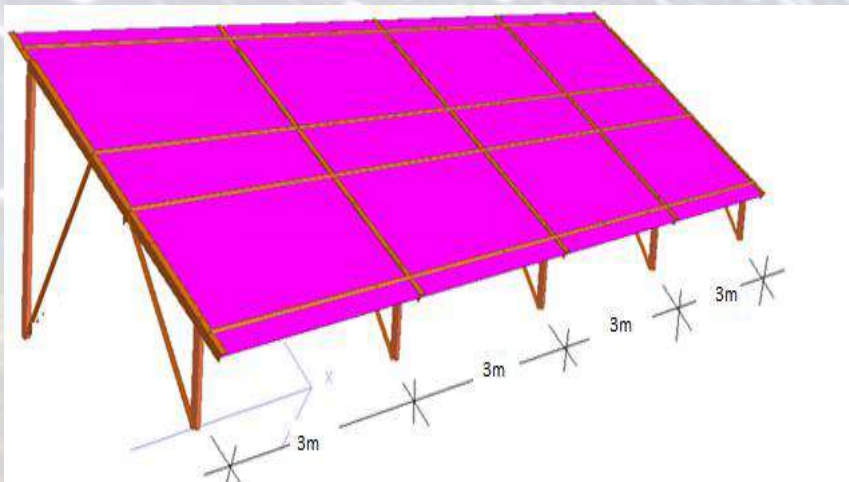
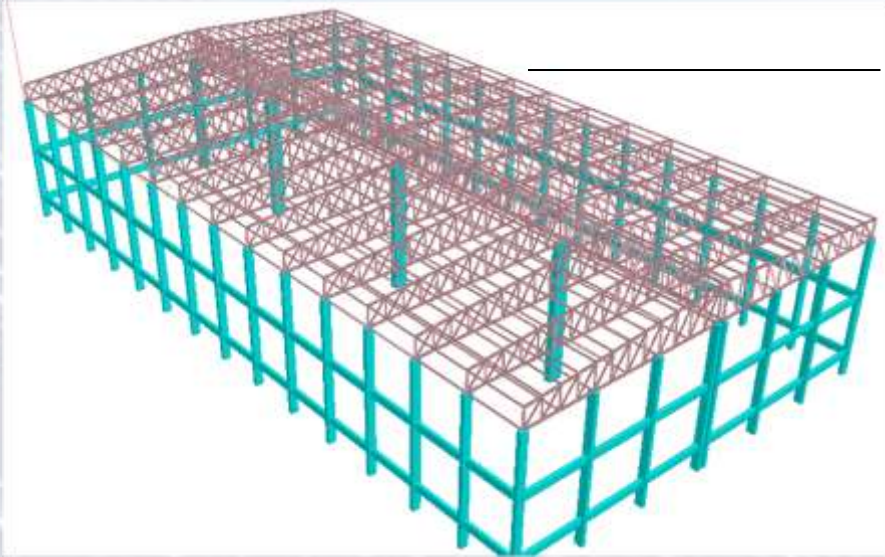


## *Walkways and Cable Trays*

- Specially designed low weight and economical cable trays for your solar plant cable management.
- Specially designed low weight and economical walkway for operation & maintenance of solar plant.
- Hot dip galvanized tray and Galvanized powder coated covers for attractive look.
- All types of IP 65/ IP 55/ IP 44 grade electrical panels



# Proof Checking of Designs



## Our References



*and many more....*

# Focus on Quality



**Certificate of Registration**

**SUDHIR ENGG. WORKS**

REGISTERED ADDRESS:- N N ROAD, BAHADURGARH, HARYANA, INDIA

Has been assessed and found to be in part CE compliance in the requirement of standard details below.

**CE**

PRODUCT DESCRIPTION:- SOLAR MOUNTING STRUCTURES, CABLE TRAYS, ELECTRICAL PANELS

APPLICABLE DIRECTIVE:- 2004/108/EC (Low Voltage Directive), EM 1989/260/EEC (Electromagnetic Compatibility Directive)

Certificate No:- CE/100/75

This certification was conducted in accordance with CEI Certification, auditing and registration procedures and it remains valid as long as general conditions apply.

Certificate Issue Date:- 15-JUNE-2019      Certificate Expiry Date:-12-AUG-2021  
Date of Initial Registration:- 15-JUNE-2019      Certificate Validity:- 2 Years

Further conditions regarding the scope of certification of CEI (EN60900) requirements may be obtained by contacting the certification body.

*Signature*  
Authorised Signatory

The certificate is valid as long as the organization meets CEI Certification's requirements. The status of this certificate may be checked at [www.cei-certification.co.uk](http://www.cei-certification.co.uk)  
1 Berry Street, Aberdeen, AB25 3HQ, UK  
Web: [www.cei-certification.co.uk](http://www.cei-certification.co.uk) Email: [info@cei-certification.co.uk](mailto:info@cei-certification.co.uk)



**dun & bradstreet**      **SMERA**      **NSIC**

This is to certify that

**Sudhir Engineering Works**  
has been assigned a SMERA-D&B NSIC Performance & Cost Rating

**SMERA MSE 3**

This rating indicates Good credit-worthiness in relation to other MSEs

Financial Strength: Good  
Operating Performance: High

D&B D-U-N-S-I-C Number: 84-419-7932  
Sector: Energy  
Entity Type: Proprietary

This Rating is valid from: Jan 23, 2019 to: Jun 24, 2019

For SMERA Ratings limited

*Signature*  
Sudhir Chakrabarti  
Chief Executive Officer

To verify this certificate click:  
[www.fy0u9d84187613.com](http://www.fy0u9d84187613.com)  
or scan the QR Code

Disclaimer: SMERA's rating is based on the info made available by the firm and obtained from third parties if available. Although reputation can not be ascertained, SMERA makes no representation as to the accuracy, completeness or timeliness of any information used. SMERA is not responsible for any errors or omissions (including in this rating report). SMERA has no financial liability, obligation, for any direct, indirect or consequential loss of any kind arising from the use of its ratings. It neither rating does nor certifies on behalf of the rated entity and should not be treated as a recommendation or opinion or a solicitation for loan or security independent assessment.



**QA CERTIFICATION SERVICES PVT. LTD.**

**Certificate of Registration**

**SUDHIR ENGINEERING WORKS**

ADDRESS:- N.N. ROAD, BAHADURGARH, HARYANA-124607/INDIA

**QA CERTIFICATION SERVICES PVT. LTD.**

Certify that the quality management system of the above organization has been assessed and found to be in accordance with the requirements of standard detailed below.

**ISO 9001:2008**

MANUFACTURING OF SOLAR MOUNTING STRUCTURES, CABLE TRAYS & ALL KIND OF FABRICATION WORKS

Certificate No:- 04.18.009

This certification was conducted in accordance with the QA Certification Services Pvt. Ltd. auditing and registration procedures and it remains valid subject to annual surveillance audits.

Certificate Issue Date : 8th June 2018      Certificate Expiry Date : 7th June 2019  
Date of Initial Registration: 8th June 2018      Certificate Validity:- 2 Years

Further details regarding the scope of this certificate of ISO 9001:2008 requirements may be obtained by contacting the registration body.  
To Check the certificate validity please Refer Website:- [www.qasqa.in](http://www.qasqa.in) or call us give numbers.

*Signature*  
System Certification Manager

**JAS-ANZ**      **IAF**

M500071210

**QA CERTIFICATION SERVICES PVT. LTD.**  
[www.qasqa.in](http://www.qasqa.in)

# *Sudhir Engineering Works*

*Thank You!*

**Mr. Jagdish**

**(Director)**

**SUDHIR ENGINEERING WORKS®**

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