

51  
13/08/20

Forwarding Note for Bills against Purchase Orders through Centralized Process:

College Name: Priyadarshini College of Engineering, Nagpur

Subject: Passing of bill of M/s Galaxy Solar Energy Pvt. Ltd.

Nature of supply: Equipment/Stationery/Consumables/Components/  
Chemicals-Glassware/Furniture/Charts/Printing etc

Major Items included in Bill: On grid Rooftop Solar Power Plant, Capacity 376KW.

Purchase Order No. : LTJSS/PCE/Solar Power/2018-19/115 Date: 27/02/2019

Bill No. : Sep/07/19-20 Date: 06/09/2019

Inward No of Bill: Date:

Check List. (Tick mark wherever applicable)

A	Inward stamp affixed	Yes	✓	No	NA
B	Stock book entry certificate recorded	Yes	✓	No	NA
C	Performance Certificate recorded	Yes		No	NA
D	Demo Certificate recorded	Yes		No	NA
E	Training Certificate recorded	Yes		No	NA
F	Passed for payment stamp affixed	Yes	✓	No	NA
G	Reasonability certificate recorded	Yes		No	NA

Total Amount of Bill claimed Rs. 1,50,02,400/-

Deduction made if any Rs. ....

After deduction Bill amounts to Rs. ....

Advance Paid Rs. on date .....

Net Amount to be paid now Rs. 1,50,02,400/-

Cheque should be drawn in favor of: M/s Galaxy Solar Energy Pvt. Ltd. amounting to Rs. 1,50,02,400/- in words One Crore Fifty Lakh Two Thousand Four Hundred Only.

To  
The Director, LTJSS

*[Handwritten Signature]*

PCE  
Chart

Signature  
(Stamp)

*[Handwritten Signature]*  
Principal  
Priyadarshini College of Engg.  
Nagpur

Passing of Bills received through Centralized or Institute Level Purchases

PCE - solar  
ARH  
6-9-19

*[Handwritten Signature]*

# CIVIL / PURCHASE DEPARTMENT

## NOTE SHEET/OFFICE NOTE

DATE:- 30/06/2020...

Name of Contractors/Suppliers :- Galaxy Solar Energy Pvt Ltd.....

Name of Site :- Poyadarahini College of Engineering

Name Of Work/Material :- on-grid solar power plant

..... installation work.

Remarks,if any :- On grid solar power plant with

..... generation meter & Net meter installation work is complete

He has submitted Bill No. Sep/07/19-20 ✓ Date:- 06 Sept 2019....

of Rs. 1,50,02,400.00/-

I have checked and found it correct of Rs. 1,50,02,400/-  
submitted for sanction and payment.

Purchase/Store In-charge

*Melank*  
30/6/2020

Elec/Civil Engineer

Head of department

PCE  
CIVIL  
*Shankar*

Accounts Department



Office of the Director  
**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA**  
270, Lokmanya Tilak Bhavan, Laxminagar, Nagpur - 440 022  
Tel. 0712-2230665, 2245121, Fax: 2221430  
Email- [ltjss2009@gmail.com](mailto:ltjss2009@gmail.com) GST No. 27AAATL3003C1ZB

Ref: LTJSS/PCE/Solar Power/2018-19/115

DATE: 27-02-2019

## Purchase Order

To,

### **Galaxy Solar Energy Pvt. Ltd.**

Plot No. 6A, Crown Society,  
Jaganath Nagar, Besa Main Road,  
Nagpur- 440037

**Subject : Complete Engineering Procurement and Construction of "On Grid Rooftop Solar Power Plant, Capacity- 376 KW" at Priyadarshini College of Engineering, Digdoh Hills, Near C.R.P.F. Campus, Hingna Road, Nagpur - 440019 (HT Consumer No. 430019003960)**

Ref. No. : - Your quotation no. GSE/SPV/905/18-19, 26<sup>th</sup> Feb. 2019  
Attention : - Shri Shyamal Chatterjee, Cell: 9561002664  
Contact : - Shri Vijay Athley, Cell: 9423682271

With reference to your quotation dated 26<sup>th</sup> February 2019 and subsequent discussion & negotiations, we are pleased to place supply order for OnGrid Roof Top Solar Power Plant in our Premises at Priyadarshini College of Engineering, Digdoh Hills, Near C.R.P.F. Campus, Hingna Road, Nagpur. Subject to the following terms and conditions mentioned herewith.

S. N.	Item Description	Qty.	Unit	Rate	Amount [Rs]
1	Complete EPC of Roof top on grid solar plant with 1123 number of panels (Navitas/Solarium make) and inverter of ABB Make.	376	KW	38000	14,288,000
<b>Total Amount</b>					14,288,000 ✓
<b>GST@ 5%</b>					714,400 ✓
<b>Grand Total</b>					15,002,400



Office of the Director

**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA**

270, Lokmanya Tilak Bhavan, Laxminagar, Nagpur – 440 022

Tel. 0712-2230665, 2245121, Fax: 2221430

Email- [ltjss2009@gmail.com](mailto:ltjss2009@gmail.com)

GST No. 27AAATL3003C1ZB

Ref: LTJSS/PCE/Solar Power/2018-19/115

DATE: 27-02-2019

Sr. No.	Description	Make
1	Solar Module: As per MNRE specifications superior quality 335Wp based on site	Navitas/Solarium
2	Module mounting structure (fixed tilt)-Approx. weight	Apollo GI Pipes
3	Grid Interactive Solar Inverter (As per MNRE specifications) 415V AC, 50Hz, MPPT)with DC to AC	ABB
4	AC Distribution Board [MCB & AC SPD]	EATON &Elpro
5	DCDB [ Fuse with Holder & DC SPD]	EATON &Elpro
6	Al. armored cable [Array Interconnection & to Inverter]	POLYCAB
7	1C X 4 Sq.mm. Al. armoredcable ( DC wiring )	POLYCAB
8	Multi Contact Male cable coupler[Make: Lounge]	Lounge
9	Multi Contact Female cable coupler[Make: Lounge]	Lounge
10	Earthing kit	Bentonite Powder
11.	Earthing wire (1C x 4 Sq. mm)	POLYCAB
12.	Earthing Strip (25mm x 3mm)	G.I.

**TERMS & CONDITIONS:-**

1. The rates are **Exclusive** of GST (CGST+SGST) and F.O.R. the Institute, However, the amount of GST (50% CGST & 50% SGST) should be shown separately in the bill of payment.
2. Standard accessories along with documentation/manuals should be supplied with the equipment and the equipment should be installed along with testing and demonstration.
3. Bill against supply should be submitted to the office of the Principal PCE College, in the name of **Lokmanya Tilak Jankalyan Shikshan Sanstha**, along with photocopy of purchase order issued and delivery acknowledgment.
4. Payment shall be released after complete of work.

**Authorized Signatory**  
**Lokmanya Tilak Jankalyan Shikshan Sanstha**

C.C.: Principal, PCE/ CAFO, LTJSS.



Office of the Director  
**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA**  
270, Lokmanya Tilak Bhavan, Laxminagar, Nagpur - 440 022  
Tel. 0712-2230665, 2245121, Fax. 2221430  
Email- [ltjss2009@gmail.com](mailto:ltjss2009@gmail.com) GST No. 27AAATL3003C1ZB

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To,

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<b>Total Amount</b>					<b>14,288,000</b> ✓
<b>GST(a 5%)</b>					<b>714,400</b> ✓
<b>Grand Total</b>					<b>15,002,400</b>

**GST Invoice**

P.C.E. Hingna Road	
Nagpur	
I/W.No. -	976
Dated	6-Sep-2019
Mode/Terms of Payment	Date - 17/08/2020
Other Reference(s)	Sign.

Galaxy Solar Energy Pvt Ltd : Apr-2018  
 Plot No. 6A Crown Society, Jagannath Nagar,  
 Besa Road, Purti Super Bazar, Nagpur  
 GST No. 27AAGCG9851L1ZY  
 GSTIN/UIN: 27AAGCG9851L1ZY  
 State Name : Maharashtra, Code : 27  
 E-Mail : galaxysolarenergypvtltd@gmail.com

Invoice No.   
 Sep/07/19-20  
 Delivery Note

Supplier's Ref.

Buyer's Order No.   
 LTJSS/PCE/SOLAR POWER/2018-19/115  
 Despatch Document No.

Despatched through

Terms of Delivery

Dated   
 27-Feb-2019  
 Delivery Note Date

Destination

Consignee

Priyadarshini College of Engineering   
 Digdoh Hills, Near C.R.P.F. Campus, Hingna Road,  
 Nagpur - 440019  
 PAN/IT No  
 State Name : Maharashtra, Code : 27

Buyer (if other than consignee)

LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA  
 270, Lokmanya Tilak Bhavan,  
 Laxminagar, Nagpur -440022  
 GSTIN/UIN : 27AAATL3003C1ZB  
 PAN/IT No  
 State Name : Maharashtra, Code : 27  
 Place of Supply : Maharashtra

Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
Ongrid Roof Top PV System	8504	5 %	376.00 KW	38,000.00	KW	1,42,88,000.00
CGST Output				2.50 %		3,57,200.00
SGST Output				2.50 %		3,57,200.00
<b>Total</b>			<b>376.00 KW</b>			<b>1,50,02,400.00</b>

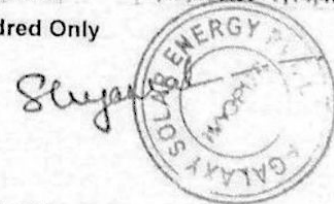
Amount Chargeable (in words)

One Crore Fifty Lakh Two Thousand Four Hundred Only

E & O E

HSN/SAC	Taxable Value		Central Tax		State Tax		Total Tax Amount
	Value	Rate	Amount	Rate	Amount		
8504	1,42,88,000.00	2.50%	3,57,200.00	2.50%	3,57,200.00	7,14,400.00	
<b>Total</b>	<b>1,42,88,000.00</b>		<b>3,57,200.00</b>		<b>3,57,200.00</b>	<b>7,14,400.00</b>	

Tax Amount (in words) : INR Seven Lakh Fourteen Thousand Four Hundred Only



Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.  
 Customer's Seal and Signature

Company's Bank Details

Bank Name : HDFC Bank.....197864  
 A/c No. : 50200029197864  
 Branch & IFS Code : Manish Nagar & HDFC0003632  
 for Galaxy Solar Energy Pvt Ltd : Apr-2018

Passed For Payment of Rs. (in words) Rs. ....

Prepared by \_\_\_\_\_ Verified by \_\_\_\_\_ Authorised Signatory \_\_\_\_\_

SUBJECT TO NAGPUR JURISDICTION

This is a Computer Generated Invoice

HOD \_\_\_\_\_

Principal/Director



# Galaxy Solar Energy Pvt. Ltd.

## ON GRID SOLAR ROOF TOP POWER PLANT

Capacity : 376 Kwp

Name of Beneficiary : M/S. Priyadarshini College of Engg.

Address : Near CRPF, Dighoh, Hingna,  
Nagpur-440016

Size of Plant : 376 kw

Dt. Of Commissioning : 18/0ct/2019

Details of Tieup with

Distribution Co. : MSEDCL

Details of Major Components:

PV Modules : Make Solarium Wp 325 Quantity 1157

Inverter : Make ABB KW 100 KW, Quantity 06 qt.  
50 KW  
27.6 KW

Details of EPC

Name of EPC : Galaxy Solar Energy Pvt. Ltd.  
Plot No.6A, Crown Society, Jaganath Nagar,  
Besa Main Road, Nagpur.

Contact No. : 7721994477 / 7887888795

Email ID : galaxysolarenergypvtltd@gmail.com

Toll Free No. : 18005326677



सत्यमेव जयते

Ministry of New and Renewable Energy  
Government of India

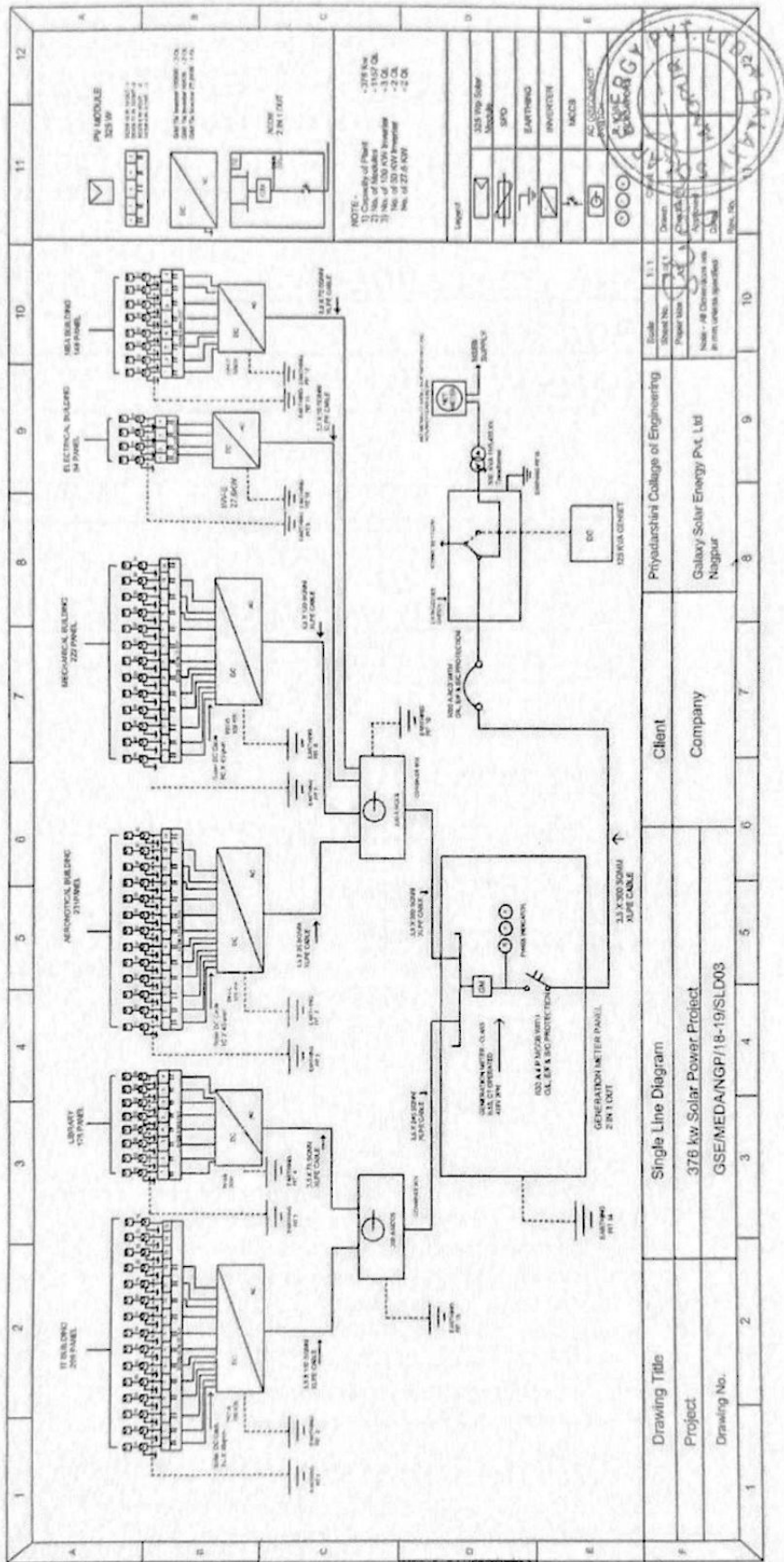
### General Instruction:

- Clean your modules alternative days early in morning or late evening
- Clean your module with water, use hose with a suitable nozzle to allow the stream of water to reach the panels
- Do not step on solar modules, Do not drop or allow any object to fall on solar modules
- Do not switch on/off Buttons of Inverter, MCCB etc.
- Do not touch OR Disturb electrical connections
- Contact authorized engineer from Galaxy Solar Energy Pvt. Ltd. in case of any system related problem.

DANGER



ELECTRICITY



NOTE:  
1) Capacity of Panel  
2) No. of Modules  
3) No. of PV Panels  
4) No. of 33 kV Panel  
5) No. of 27.6 kV Panel

Legend	33 kV/3300 V MV Cable
	230 V/400 V LV Cable
	SPD
	Earthing
	Inverter
	MCB
	AC Disconnect Switch

Scale: 1:1

Sheet No. 10

Project No. 378 kW Solar Power Project

Issue: All drawings are in their correct position

Doc. No.

Project No.

Client: Physdarshini College of Engineering

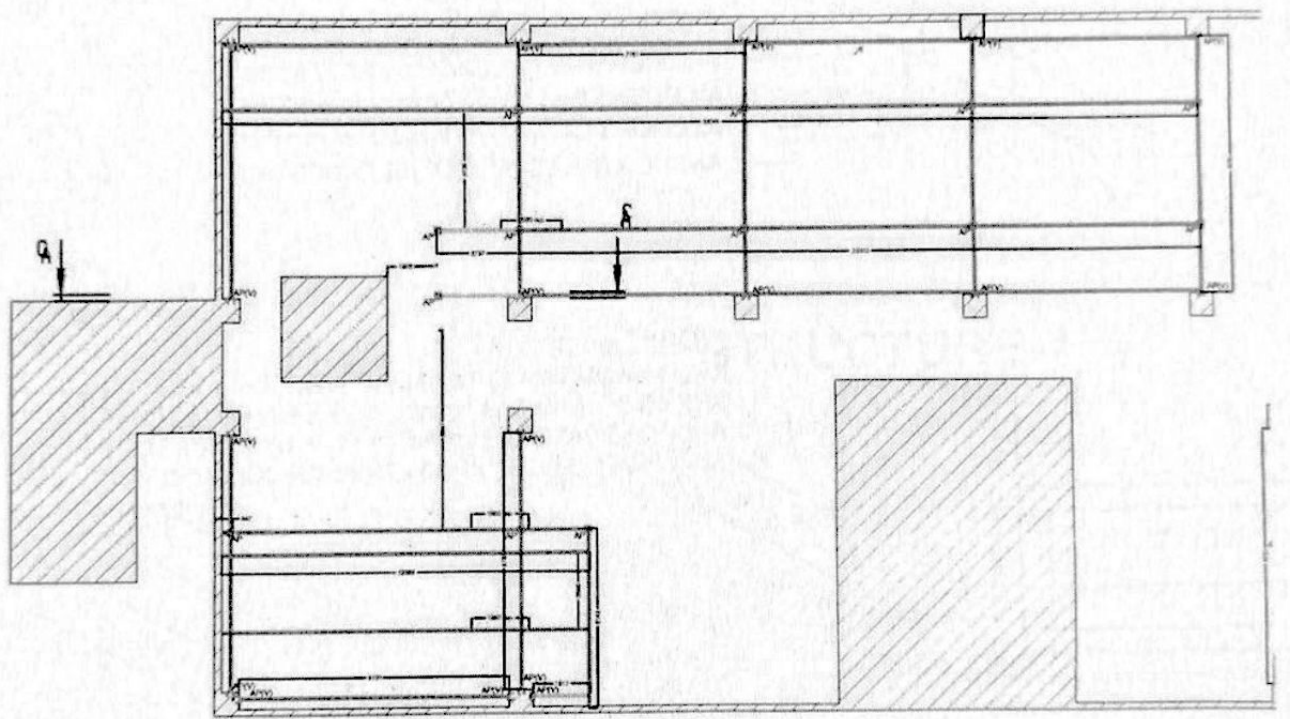
Company: Galaxy Solar Energy Pvt. Ltd, Nagpur

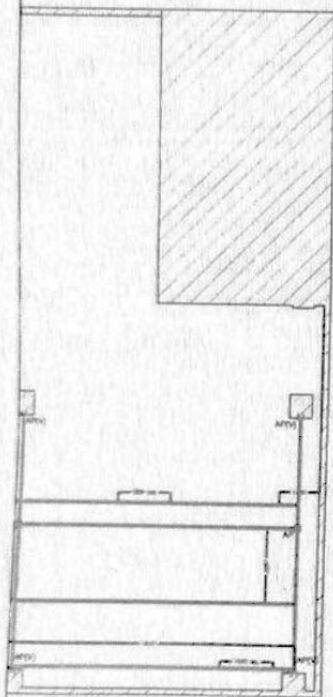
Drawing Title: Single Line Diagram  
Project: 378 kW Solar Power Project  
Drawing No.: GSE/MEDA/NGP/18-19/SLD03

Client: Physdarshini College of Engineering

Company: Galaxy Solar Energy Pvt. Ltd, Nagpur







**INDEX:-**

- MEMBER RHS 100x50x3mm @ 7.07 kg/mtr.
- MEMBERS SHS 50x50x2mm (2 Nos-100x50)
- ANCHOR PLATES (AP) 200x200x6 mmTHK
- ANCHOR BOLTS (AS PER HILTY DESIGN)

**WEIGHT (APPROX):-**

RHS 100x50x3mm @ 7.07 kg/mtr. = 287 Rmt = 2.5 MT  
 SHS 50x50x2mm 3.14 kg/mtr. = 8 Rmt = 0.025 MT  
 ANCHOR PLATES 6 mmTHK @ 1.885 kg = 0.064 MT  
 AP- 13nos ON SLAB, AP(V) - 21nos ON COLUMNS

*D. Gonade*

25.9.2019

**DINESH Y GONADE**  
 M-Tech. Structure, B.E. Civil  
 NIT L.S. 2131  
 6 Ayodhya Nagar Nagpur-24

**NOTES:-**

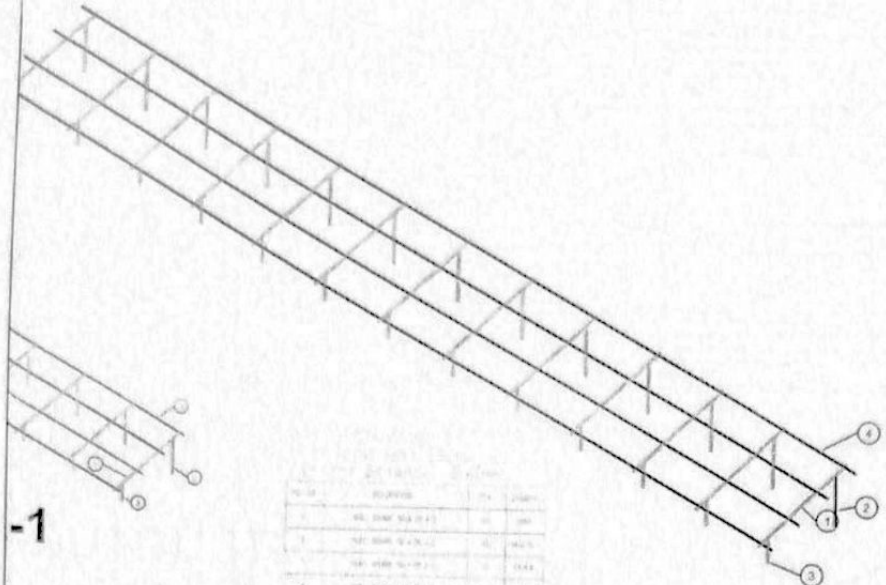
- ALL LEVEL DIMENSION ARE IN MM, UNLESS OTHERWISE MENTIONED.
- READ THIS DRAWING IN CONJUNCTION WITH GENERAL ARRANGEMENT DRGS.
- WORK SHOULD BE DONE AS PER IS 456-2000 & OTHER IS CODES.
- MIX M-20 CONCRETE SHOULD BE USED FOR R.C.C. WORKS.
- ASK IN CASE OF DOUBT.



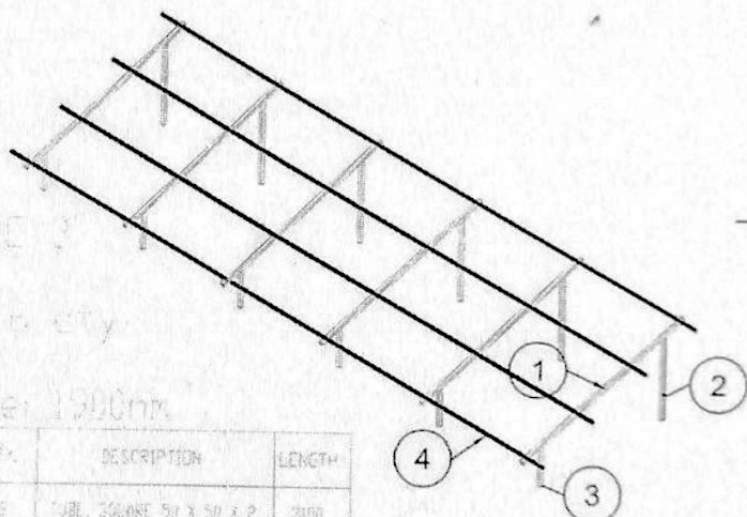
**DG CONSULTANTS**

STRUCTURAL ENGINEERING WORKS  
 66 CHETAI GOLD, AYODHYA NAGAR, NAGPUR, 440004  
 MOB: 9-99600 49715 e-mail: dgconsultants@gmail.com

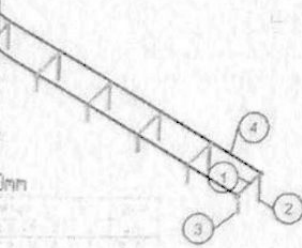
PROJECT:- SOLAR PANEL ON AERONAUTICAL BUILDING			
CONTENT:- DETAILS MODIFICATION OF SOLAR STRUCTURES			
OWNER :- PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR.			
SUPPLIERS :- GALAXY SOLAR ENERGY PVT. LTD, NAGPUR.			
DESIGNER :- DINESH GONADE, M.TECH STRUCTURE			
SIGNATURE:-	DRG.NO :- 2 / STR / AERONAUTICAL	NORTH	
	JOB NO.	SCALE	REV. DATE
DATE :- 7.7.2019	225-2019	1:100, 1:50	RD



**STRUCTURE-2**



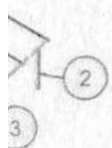
Sl. No.	Qty.	DESCRIPTION	LENGTH
1	6	TUBE. SQUARE 50 X 50 X 2	2100
2	6	TUBE. SQUARE 50 X 50 X 2	1368.91
3	4	TUBE. SQUARE 50 X 50 X 2	631.64
4	4	TUBE. SQUARE 40 X 40 X 2	1020



**STRUCTURE-8**

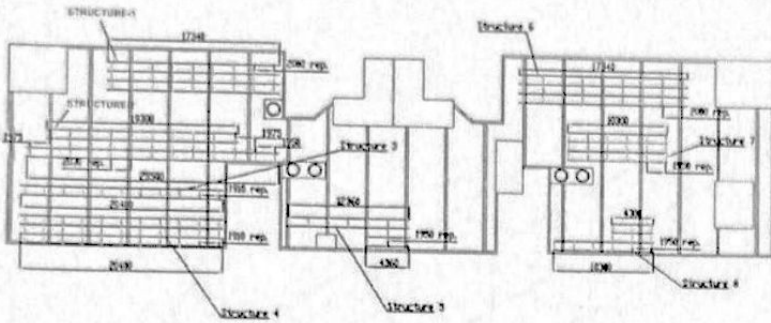
**STRUCTURE-3**

*Dmala*  
25.9.2019  
**DINESH Y GONADE**  
M-Tech. Structure; B.E. Civil  
NIT L.S. 2131  
6 Avadhya Nagar, Nagpur-24

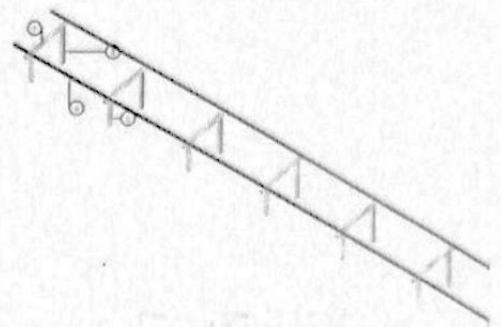


**STRUCTURE-9**

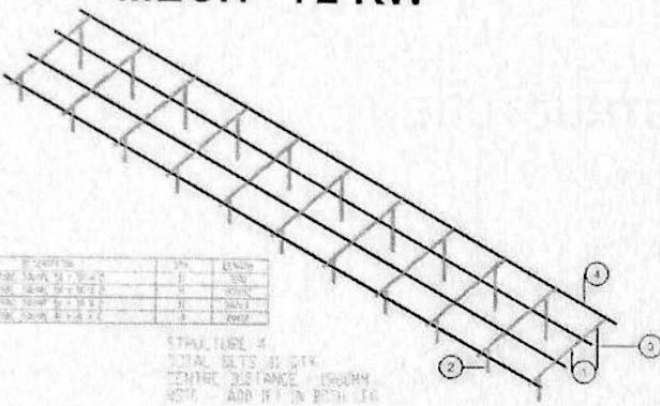
		Solar Energy Pvt. Ltd.	
M/S. Priyadarshani College Of Engg.		76KW	
STRUCTURE DETAIL - AERONAUTICAL 76KW		AS	
SCALE DRAWING		DATE	



**LAYOUT PCE-MECH - 72 KW**

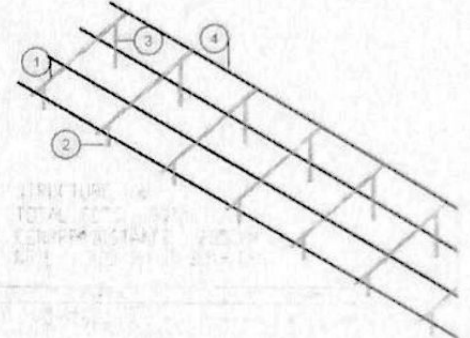


**STRUCTURE-1**



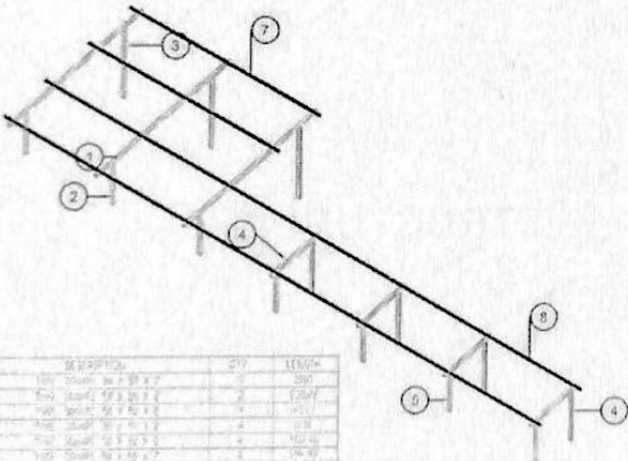
ITEM NO	DESCRIPTION	QTY	LENGTH
1	100' Span 4" x 8" x 2"	1	100'
2	100' Span 6" x 8" x 2"	1	100'
3	100' Span 8" x 8" x 2"	1	100'
4	100' Span 10" x 8" x 2"	1	100'

STRUCTURE-4  
 TOTAL SETS 35 CITY  
 CENTRE DISTANCE 1500MM  
 NOTE - ADD IT IN BOTH I/O



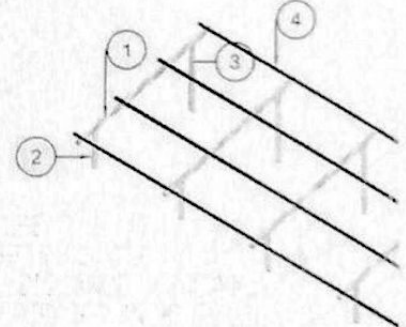
**STRUCTURE-6**

**STRUCTURE-4**

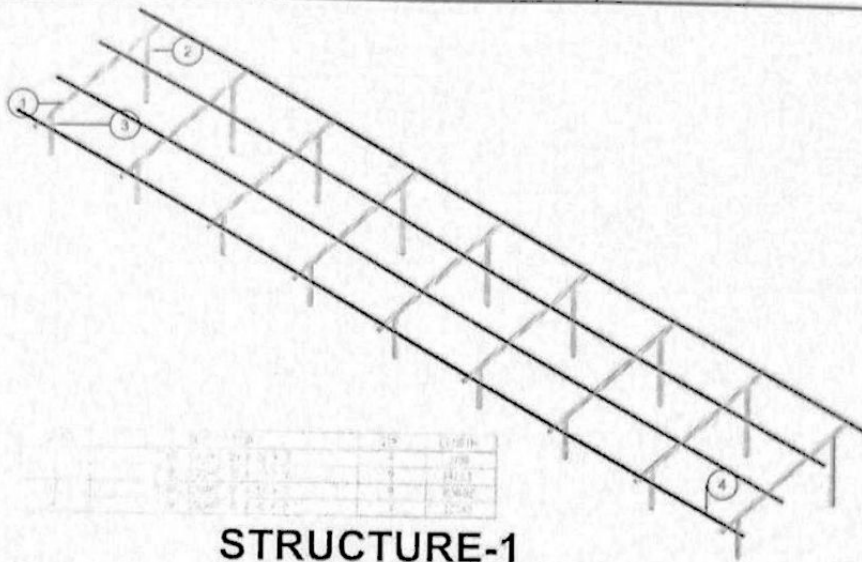


ITEM NO	DESCRIPTION	QTY	LENGTH
1	100' Span 4" x 8" x 2"	1	100'
2	100' Span 6" x 8" x 2"	1	100'
3	100' Span 8" x 8" x 2"	1	100'
4	100' Span 10" x 8" x 2"	1	100'

**STRUCTURE-5**

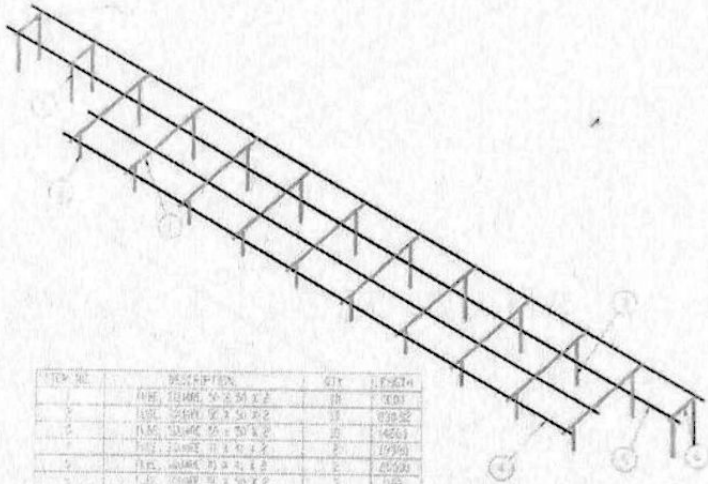


**STRUCTURE-7**



**STRUCTURE-1**

MEMBER NO.	DESCRIPTION	QTY	LENGTH
1	MEMBER NO. 1	10	1000
2	MEMBER NO. 2	10	1000
3	MEMBER NO. 3	10	1000
4	MEMBER NO. 4	10	1000

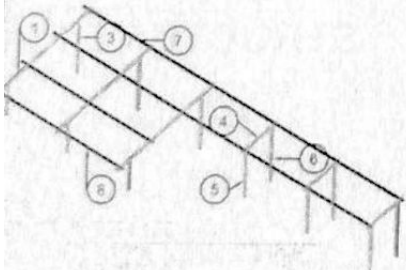


**STRUCTURE-2**

MEMBER NO.	DESCRIPTION	QTY	LENGTH
1	MEMBER NO. 1	10	1000
2	MEMBER NO. 2	10	1000
3	MEMBER NO. 3	10	1000
4	MEMBER NO. 4	10	1000
5	MEMBER NO. 5	10	1000
6	MEMBER NO. 6	10	1000


*D. Y. Gonade*  
25.9.2019

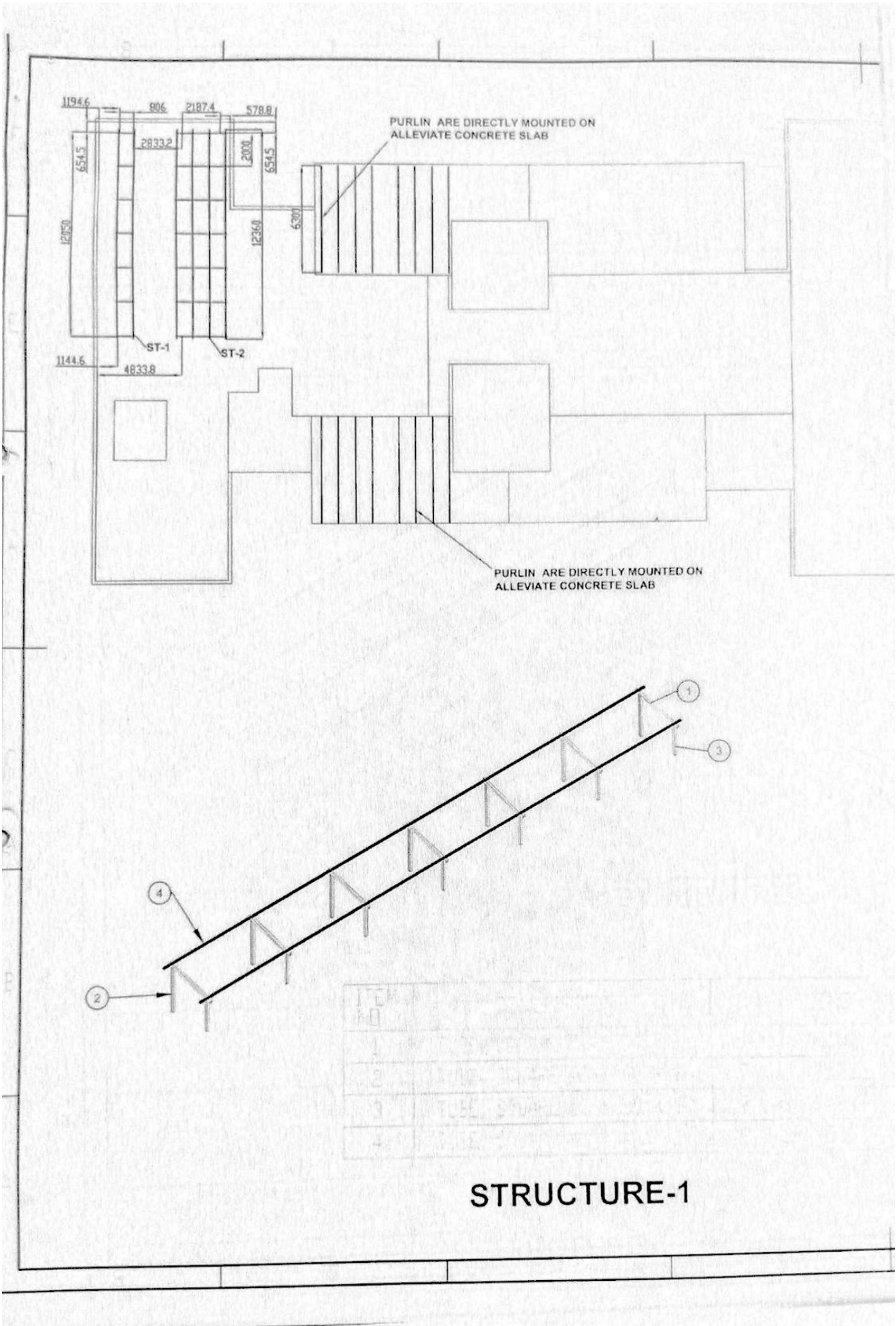
**DINESH Y. GONADE**  
M-Tech. Structure; B.E. Civil  
NIT L.S. 2131  
6, Avadhya Nagar, Nagpur-2



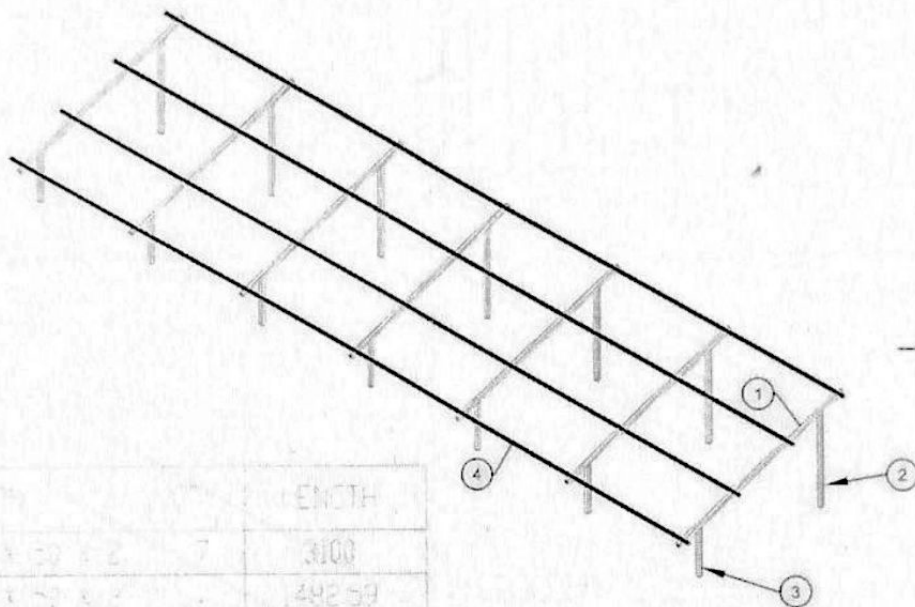
**STRUCTURE-8**

MEMBER NO.	DESCRIPTION	QTY	LENGTH
1	MEMBER NO. 1	10	1000
2	MEMBER NO. 2	10	1000
3	MEMBER NO. 3	10	1000
4	MEMBER NO. 4	10	1000
5	MEMBER NO. 5	10	1000
6	MEMBER NO. 6	10	1000
7	MEMBER NO. 7	10	1000
8	MEMBER NO. 8	10	1000

 <b>Galaxy Solar Energy Pvt. Ltd.</b>	PROJECT: M/S. Priyadarshani College Of Engg.	72 KW
	STRUCTURE DETAIL - MECH 72KW	43



**STRUCTURE-1**




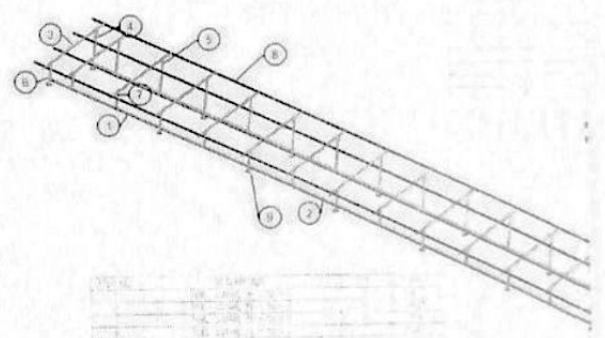
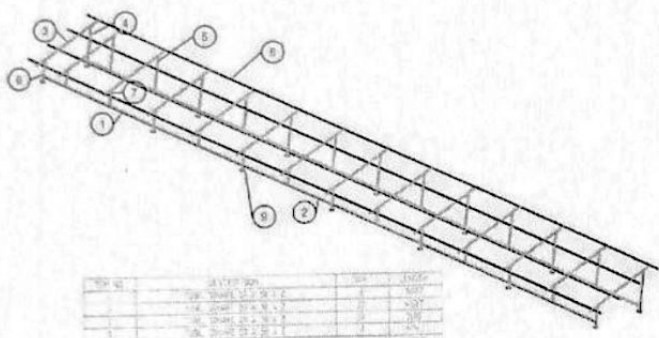
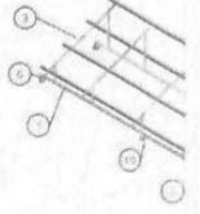
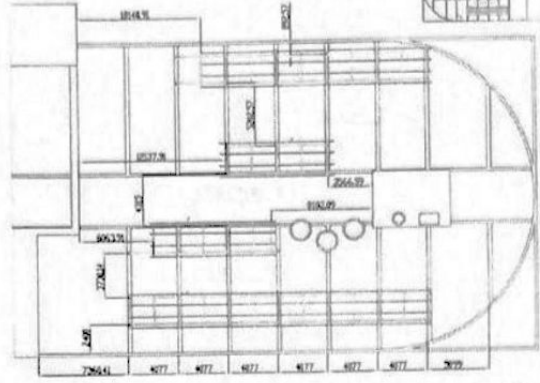
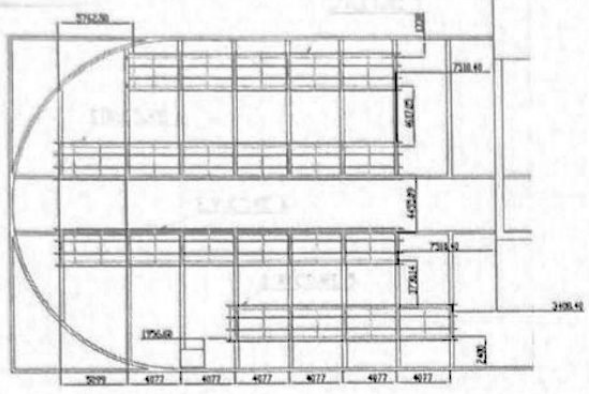
DESCRIPTION	QUANTITY	LENGTH
TOP RAIL 50 X 50 X 2	7	3100
MIDDLE RAIL 50 X 50 X 2	7	4925.9
BOTTOM RAIL 50 X 50 X 2	7	7125
TRANSVERSE RAIL 50 X 50 X 2	4	12360

**STRUCTURE-2**

*D. Gonade*  
25.9.2019

**DINESH Y GONADE**  
M-Tech. Structure; B.E. Civil  
NIT L.S. 2131  
6 Ayodhya Nagar, Nagpur-2

		Galaxy Solar Energy Pvt. Ltd.	
PROJECT		M/S. Priyadarshani College Of Engg.	
SHEET NO.		27KW	
TITLE		STRUCTURE DETAIL -ELECTRICAL 27 KW	
SCALE		SHEET NO. 1	

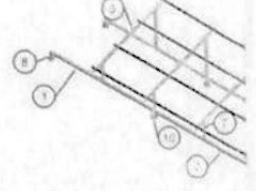
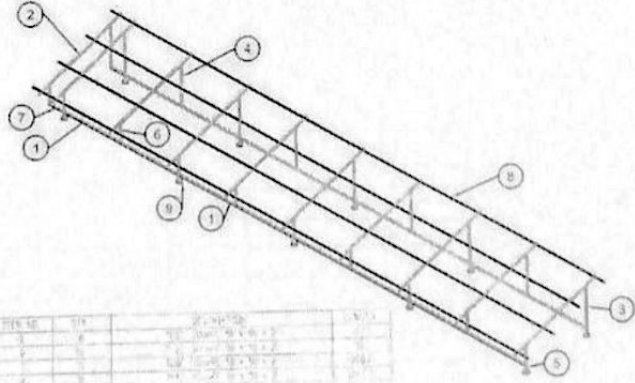


NO	DESCRIPTION	UNIT	QTY
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...

NO	DESCRIPTION	UNIT	QTY
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...

STRUCTURE-6

STRUCTURE-6

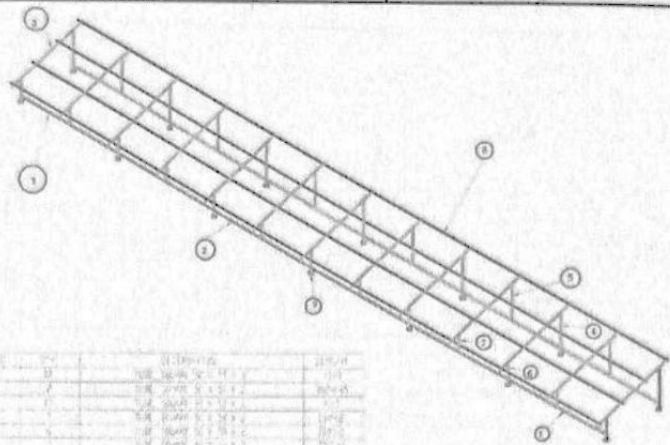


NO	DESCRIPTION	UNIT	QTY
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...

STRUCTURE-5

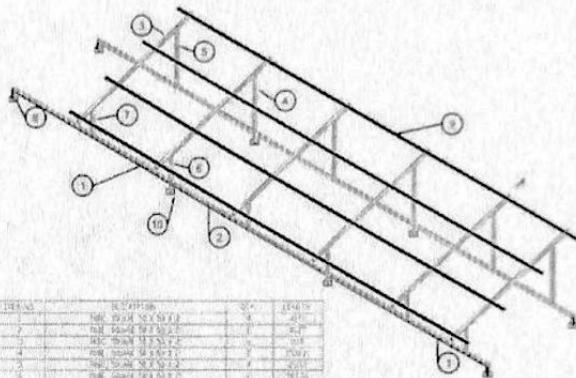
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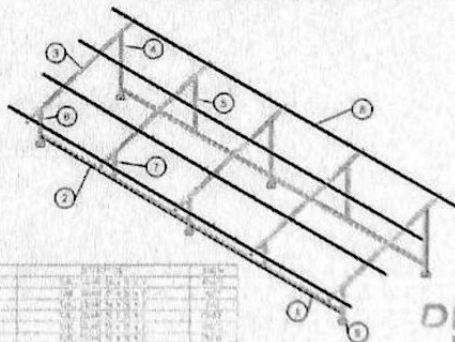
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1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...

**STRUCTURE-1**



NO.	DESCRIPTION	QTY	UNIT
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...

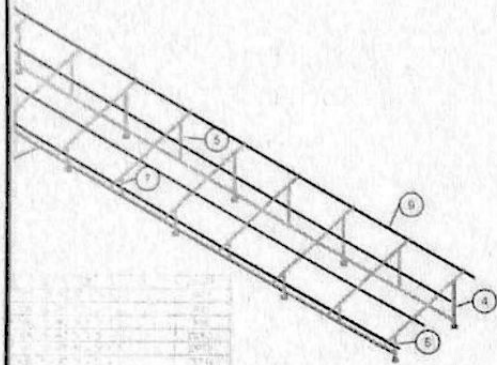
**STRUCTURE-2**



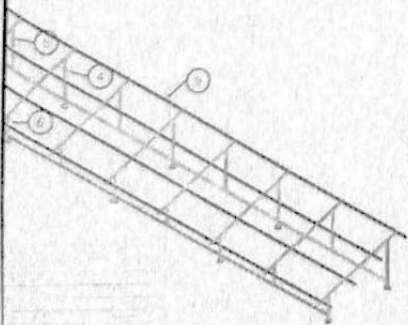
NO.	DESCRIPTION	QTY	UNIT
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...

**STRUCTURE-3**

*Emmed*  
 25.9.2019  
**DINESH Y GONAD**  
 M-Tech. Structure; B.E. Ch  
 NIT S. 2131  
 Nager Nager

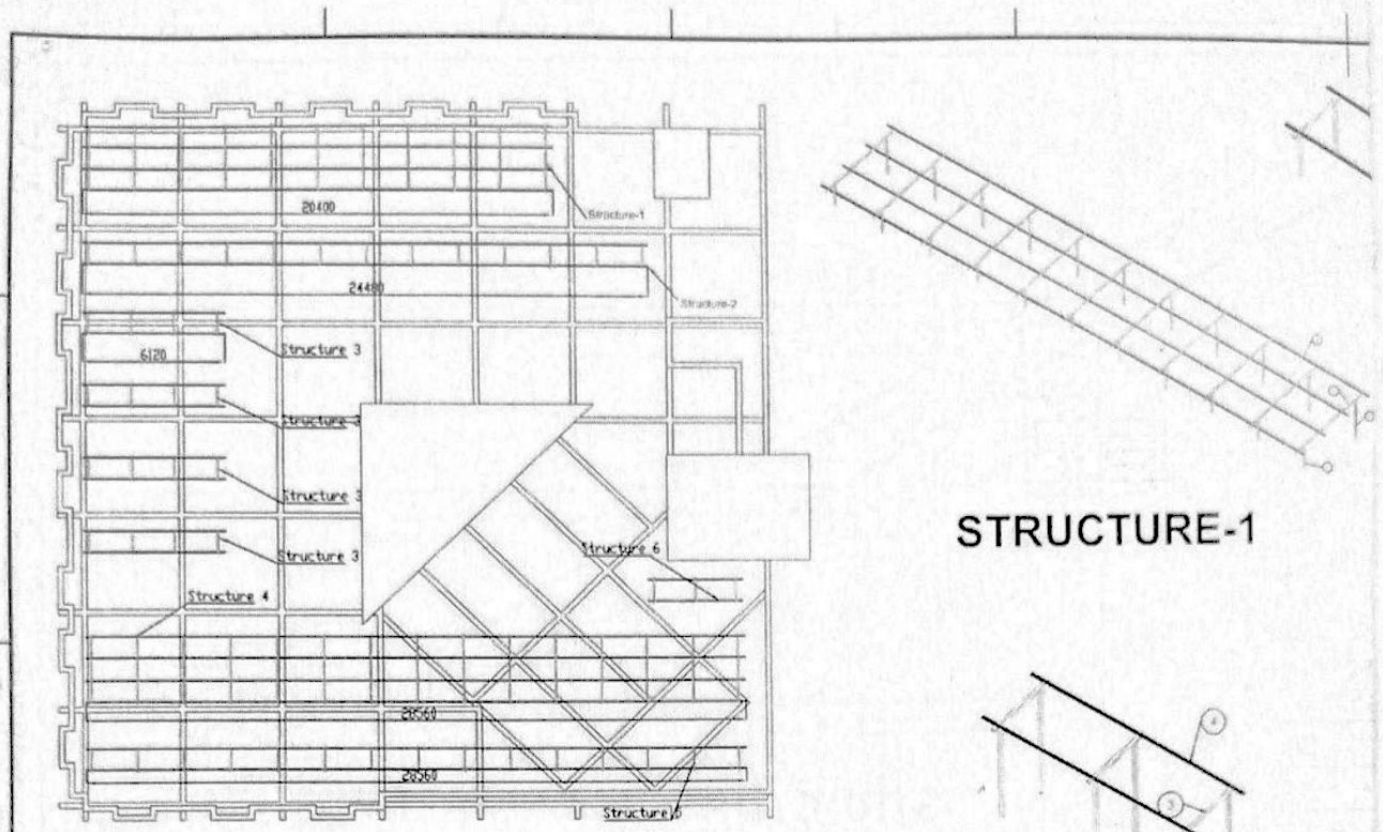


**STRUCTURE-7**

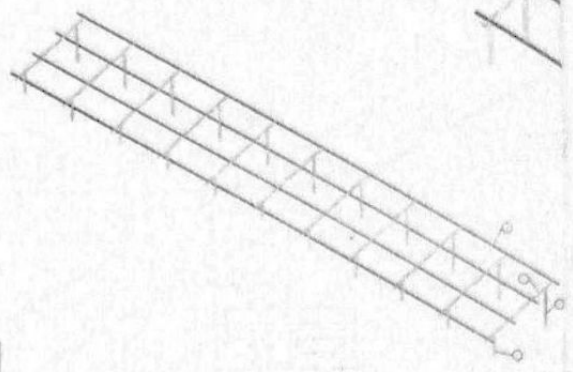


**STRUCTURE-4**

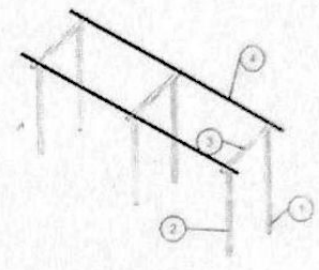
ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED			Galaxy Solar Energy Pvt Ltd											
<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.		DATE	REVISION										M/S. Priyadarshani College Of Engg.
NO.	DATE	REVISION												
BY NET SCALE DRAWING		FILE	<b>STRUCTURE DETAIL-          IT BUILDING</b>											
CHECKED:		DRAWN:	SHEET NO. 1											



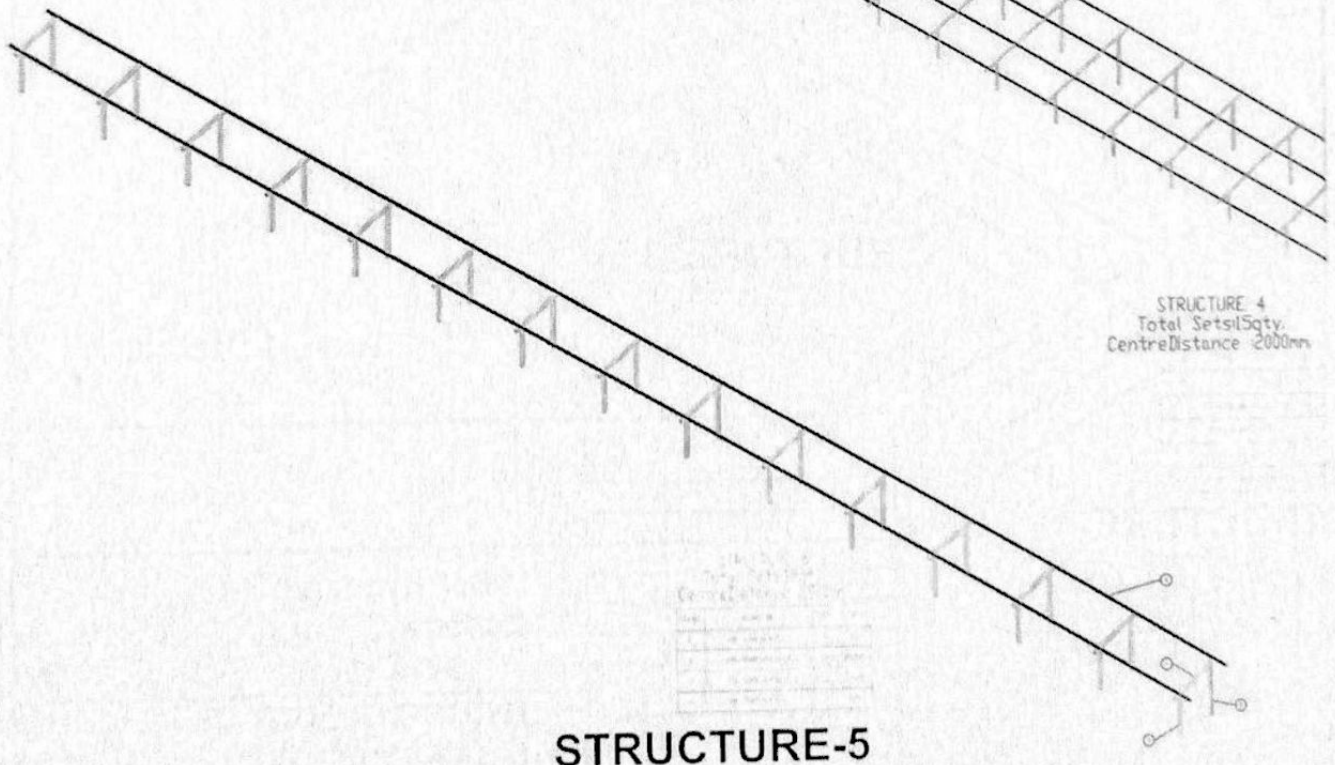
**LIBRARY LAYOUT**



**STRUCTURE-1**

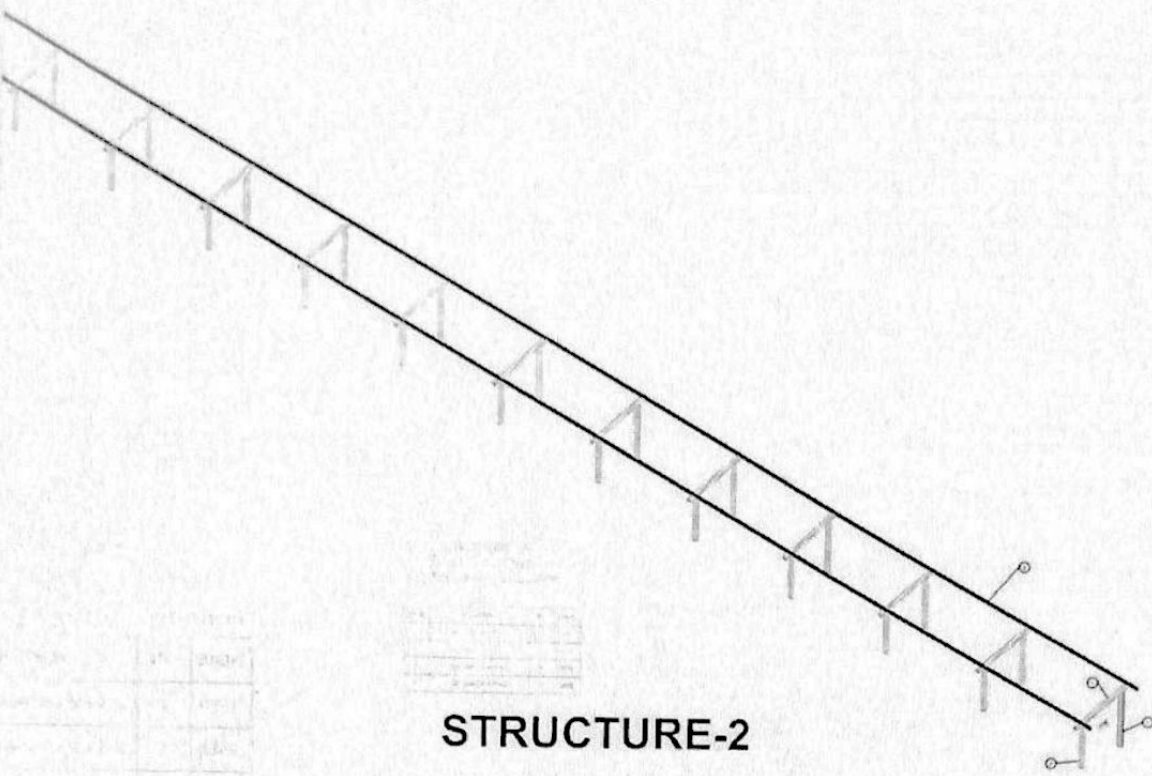


ST



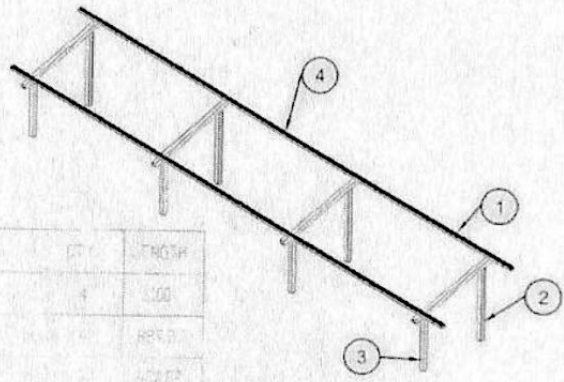
**STRUCTURE-5**

STRUCTURE 4  
Total Sets: 15Qty.  
Centre Distance: 2000mm



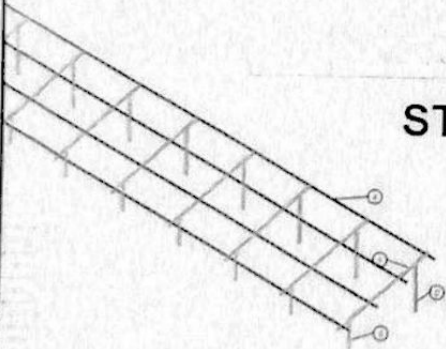
**STRUCTURE-2**

**STRUCTURE-6**



**STRUCTURE-3**


STRUCTURE 3  
Total Sets: 4 QTY.  
Centre Distance : 1850mm.



**STRUCTURE-4**

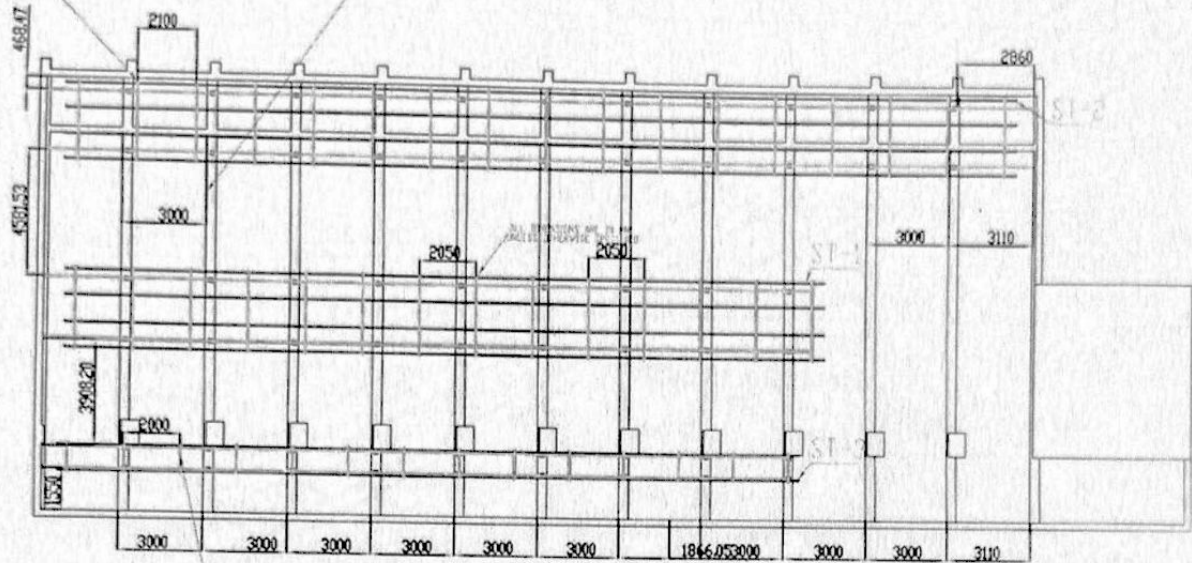
TYPE	DESCRIPTION	QTY	REMARKS
		4	100
			100
			100
			100

*D. G. Gonade*  
25.9.2019  
**DINESH Y. GONADE**  
M.Tech. Structures, B.E. Civil  
NIT S. 2131  
Sundhava Nagar, Nagpur-2.

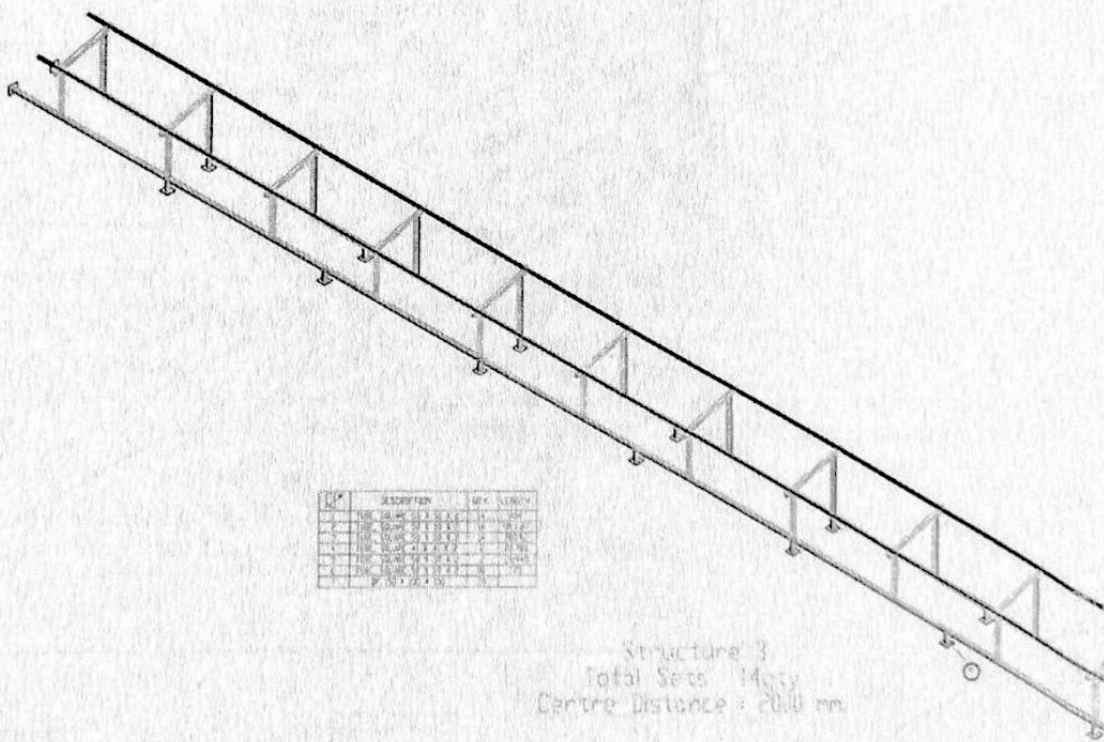
 Galaxy Solar Energy Pvt. Ltd.	
PROJECT: <b>M/S. Priyadarshani College Of Engg.</b>	
60KW	
<b>STRUCTURE DETAIL - LIBRARY 60KW</b>	
PROJECT: _____ DATE: _____	

CENTRE DISTANCE BETWEEN TWO LEG = 2100

CENTRE DISTANCE BETWEEN TWO BEAM = 3000 MM



CENTRE DISTANCE BETWEEN TWO LEG = 2000MM



Sl. No.	DESCRIPTION	Qty.	UNIT
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...

Structure 3  
Total Sets 14 sets  
Centre Distance = 2000 mm

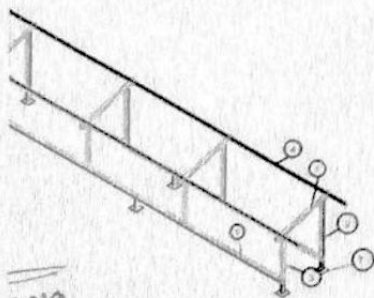
*Dmade*  
**DINESH 25.9**  
M.Tech. S. J. C.  
B. Avodha, K. J.

ITEM NO.	DESCRIPTION	QTY	LENGTH
1	UP SQUARE 50 x 50 x 2	24	2200
2	UP SQUARE 50 x 50 x 2	24	1250
3	UP SQUARE 50 x 50 x 2	24	1950
4	UP SQUARE 40 x 40 x 2	8	2700
5	UP SQUARE 50 x 50 x 2	7	2700
6	UP SQUARE 50 x 50 x 2	8	175
7	UP SQUARE 50 x 50 x 2	8	


Structure 1  
 Total Sets : 14Qty.  
 Centre Distance : 2050 mm.

ITEM NO.	DESCRIPTION	QTY	LENGTH
1	UP SQUARE 50 x 50 x 2	12	2200
2	UP SQUARE 50 x 50 x 2	12	1400
3	UP SQUARE 50 x 50 x 2	12	1950
4	UP SQUARE 40 x 40 x 2	7	2650
5	UP SQUARE 50 x 50 x 2	2	2700
6	UP SQUARE 50 x 50 x 2	2	175
7	UP SQUARE 50 x 50 x 2	2	

Structure 2  
 Total Sets : 17Qty.  
 Centre Distance : 2100 mm.



2019  
**CONADE**  
 ure, B.E. Civil  
 2131  
 at: Nadour-24

ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED		 Galaxy Solar Energy Pvt. Ltd.
NAME	SIGNATURE	
DESIGN		PROJECT: <b>M/S. Priyadarshani          College Of Engg.</b>
CHG'D		
APPV'D		
DATE		
REV.No		48 KW
DO NOT SCALE DRAWING		
COMMENT	TITLE <b>PCE -STRUCTURE DETAIL</b>	
		SCALE: 1:1 SHEET 1 OF 1



<b>WARRANTY LETTER</b>	Format No	SO/PM/F-04	Rev No	01
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<b>Supplier:</b>	<b>ABB India Ltd.</b> Sy. No. 88/3 to 88/6, Basavanahalli, Kasaba Hobli, Nelamangala Taluk, Bengaluru – 562 123.	Date	16/4/2019
<b>Customer:</b>	<b>SOLAR4ALL</b> S2 ISHA RESIDENCY,43-JAI HIND SOCIETY SHYAM NAGAR SOMALWADA, 440015 NAGPUR Maharashtra	PO Reference	0069 AMENDED 2
		SO Reference	4201861636
<b>Consignee:</b>	<b>M/S. Priyadarshani College Of Engg.</b> Near CRPF Digidoh Tah. Hingna, Dist. Nagpur- 440016	Invoice	192901005050
		Dealt with By	Abhijeet More

Dear Sir,

This letter is issued at the request of above mentioned customer (the "Purchaser"). ABB India Limited ("ABB") is issuing this letter in order to confirm that ABB shall provide a warranty on the terms contained in the attached Warranty conditions / Directives for PVP Inverters.

ABB warrants that the inverter supplied shall be free of defects in title, material and workmanship for a period of 60 (Sixty) months from the date of supply (the "Product Warranty Period"). The warranty for the accessories is limited to 24 months from the date of supply.

The details of the equipment are as follows:

Product / Item description	Quantity	Serial No	Date of Expiry
INVERTER TRIO-27.6-TL-OUTD-S2-400	1	1811131588	14/4/2024

Under no circumstances shall the warranty period of the product or part of such product will be extended beyond the Product Warranty Period of the originally supplied product, irrespective of whether as originally supplied or as repaired or replaced.

The information contained in this letter is provided in good faith, and every reasonable effort has been made to ensure that it is accurate and up to date as at the date of this letter. In no event shall ABB be liable for any damage arising, directly or indirectly, from the use of the information contained in this letter, including damages arising from inaccuracies, omissions or errors.

In case of non-payments of due amounts as per the terms of purchase order, this letter shall no longer be valid and binding on ABB. Also, the warranty support will be withdrawn immediately till payment of due amounts.

For ABB India Limited,



Ramesh P

# ABB Inverters

## Warranty conditions / Directives

Valid from: July 1<sup>st</sup> 2017

### Applicable products

These warranty terms and conditions are applicable for the following ABB inverters: UNO-DM-PLUS, PVI-10.0 (3N819900000A), PVI-12.5 (3N829900000A), TRIO-5.0/7.5/8.5, TRIO-20.0/27.6, TRIO-50 and accessories. Concerning the REACT product, these warranty terms and conditions are applicable only for REACT-UNO, REACT-BATT has a dedicated warranty T&C.

### Warranty program-s for inverters

The STANDARD warranty, advance replacement inverter or power module, the freight costs and on site removal and reinstall labor will be under customer scope.

Condition details are available in table 1.

### Warranty programs for Accessories

The solar accessories include also all monitoring components and String-combiner boxes for central inverters.

Accessory warranty covers the repair material and repair labor in repair center or replacement product at ABB sold discretion.

Details are available in table 1. The freight costs and on site removal and reinstall labor are excluded.

### Applicable countries

The warranty program applies for the products supplied from ABB Factory in Nelamangala and installed in one of the following countries or as per the Agreement with INABB:

INDIA

### Duration of manufacturer warranty:

The default warranty period for the Inverters is 5 years starting from the installation/commissioning date but in any case not longer than +63 months from date of supplied.

The Manufacturer Warranty period for accessories is 2 (two) years starting from the shipping date from Manufacturer

### Warranty claim:

All warranty claims must follow the processes outlined below to be valid.

Claim must be made using the following method.

- Via a phone given in the escalation matrix.
- Via an email (IN-Solar\_service@abb.com).

The following information must to be provided:

- Inverter and/or device model
- Serial number (S/N) and production week (WK) of the inverter: both are visible on the label on the side of the inverter (a photograph of the label of the inverter

- and/or device in .jpg format is required)
- Description of the problem/error code (a photograph of the inverter display in .jpg format is required)
- Contact details of warranty holder (complete name, address (site of installation), email and phone)
- Contact details of entity asking for assistance (complete name, address, email and phone)

ABB will provide a CARE Number associated with the claim. This CARE number must be mentioned for any correspondence during the claim resolution steps.

### Claim resolution:

The resolution method of a claim is at the sole discretion of ABB. It can consist of:

- Return and Repair
- Advance replacement
- Repair on site (Field intervention)

### Replacements from ABB:

In the program a replacement Parts / unit is included. The replacement parts would be sent as per the Incoterms agreed for the Initial supply (Main supply). ABB will either ship a replacement power modules or required parts to fix the problem before the allegedly defective product has been returned to ABB repair center. At the sole discretion of ABB, this replacement unit can be either new or refurbished but in any case fit as a replacement.

The delivery of the advance replacement unit, in no event, constitutes ABB 's acknowledgement that the claim is covered by the warranty. ABB 's acceptance or denial of the claim will follow upon ABB's analysis of the returned parts only.

The customer must make the defective Parts available for return within 7 (seven) days with all expenses included in customer scope following the delivery of the replacement unit and with the appropriate packaging with CARE number as per the replacement unit provided along with necessary documents for transport.

Allegedly defective parts will be returned to an ABB repair center for validation of the warranty claim. In case the warranty claim is confirmed, the remaining warranty period of the defective Parts will be transferred to the replacement unit. In case the defect is not covered by the manufacturer's warranty (see below under clause 8 - Exclusion from manufacturer warranty), the warranty claim will be void and the incurred cost (logistic, administration, failure analyze and replacement parts) will be invoiced to the customer. Upon payment of these incurred costs, the replacement Parts from delivery of the replacement Parts.

# ABB

In case the allegedly defective Parts is not timely made available for return and accordingly the allegedly defective parts is not received at the ABB repair center by the date above mentioned, the ABB repair center by the date mentioned, the warranty of the replacement parts shall not, as a consequence of the replacement parts contract, be claimable until full payment of incurred cost (logistic, administration and replacement parts), which will be invoiced to the customer. It is understood and agreed that when payment of the above costs is received, the warranty of the replacement parts may be enforceable within the term of the life of warranty provided for the replaced parts (i.e. the original term will apply). Moreover, if the allegedly defective parts is returned to ABB after the lapse of the above 7 (seven) day-term, ABB shall take to perform this analysis within 3 months from the delivery of the allegedly defective parts.

#### Field intervention:

In case of any field intervention (including advance replacement) decided by ABB, the choice of the ABB qualified technician belongs to ABB. For the field intervention, (the legal owner of the ABB inverter). For the field intervention, Manufacturer Warranty holder is responsible to ensure access and provide any required special equipment required to access the installation (e.g. scissor lift). Manufacturer Warranty holder has also to ensure that the installation and working environment for the installation is compliant with applicable health and safety standards and if there is no standard, at a level not lower than ABB HSE policy. The qualified technician may refuse an intervention if the conditions defined by Health Safety Regulations are not met. Should the above conditions not be met, ABB will charge the Manufacturer Warranty holder for any consequent cost, including, without limitation, the costs of the qualified technician who could not access the site and/or the inverter.

#### Exclusion from warranty:

The warranty claim is invalid in the following situations:

- Warranty period expired
- Mechanical damage during transportation of defective unit when done by customer
- Any modification applied to the inverter that was not performed by ABB-authorized personnel
- Inappropriate installation or commissioning
- Negligence or inappropriate use of the product.
- External event (overvoltage, failure of other components in the installation causing inverter failure, etc.)
- Non observance of documentation, including preventative maintenance,
- Force majeure, including but not restricted to lightning, power surges, natural disasters and fires.
- Returned inverter shows no fault after analysis

- Utilization in combination with equipment, items or materials not permitted by ABB documentation
- Materials not permitted by ABB documentation
- Returned inverter (that is saved in case of a fault case) may be which has not been analyzed at fault analysis and the warranty may not be any longer claimable and will cease to be effective.

The warranty exclusion may be discovered by the warranty holder, by the technician, or by the repair center. If the warranty exclusion is discovered during the repair, the repair will be stopped. The warranty holder notified, and when possible, a repair estimate will be provided.

Due to the evolution of technology, the replacement unit or new device provided may not be compatible with the installed system. The warranty does not cover any expenses or any costs which might be incurred to configure, retrofit or adapt the inverter to the installation.

Unless agreed upon in a specific contract, ABB will not provide financial compensation for energy that has not been fed into the grid by the installation during any service activity, including preventive and corrective maintenance.

The warranty claim will be invalid if incorrect details (inverter serial number, error code, etc.) are provided.

Preventive maintenance parts and consumables are not covered by warranty (i.e. overvoltage protection, fuses)

Furthermore returned inverter (or inverted analyzed at site, as the case may be) that shows no fault after analysis will be subject to Art 6. Advance replacement (advanced swap) for the ASSURE program.

#### Legal aspects and other conditions

The warranty agreement is concluded between ABB and the warranty holder.

This factory warranty is freely provided by ABB and does not prejudice in any way the inverter's conditions of sale, including any warranty provided by a third party entity from which it has been purchased.

The present terms and conditions supersede any terms and conditions that have been in force previously, and applies to inverters sold from the date of validity of this document and to inverters - without prejudice to the life of the original warranty - in respect of which a warranty claim is submitted to ABB by any of the communication channels mentioned above.

ABB



## ASSURE and Accessories

Table 1 Details of the Service terms and conditions

	Inverter	Accessories
Definition	STANDARD Warranty	ACCESSORIES Warranty
Default duration (years)	5	2
Repair material and labor costs in repair center	Included	Included
Removal and reinstall costs (See conditions in description)	Not Included	Not included
Parameter setup of replacement product	Not Included	Not included
Material freight costs returning defective unit (to location defined by ABB)	Not Included	Not included
Material freight costs of repaired (or replacement) unit to customer	Included	Not included
Advanced replacement unit (where technically possible, the alternative is on-site repair)	Not Included	Not included
Technical hotline	Included	Included
Ready to ship indication After acceptance of claim, subject to material availability	Usually 5 working days	Usually 15 working days After reception at the ABB repair center

ABB

<b>WARRANTY LETTER</b>	Format No	SO/PM/F-04	Rev No	01
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<b>Supplier:</b>	<b>ABB India Ltd.</b> Sy. No. 88/3 to 88/6, Basavanahalli, Kasaba Hobli, Nelamangala Taluk, Bengaluru – 562 123.	Date	12/04/2019
<b>Customer:</b>	<b>ORIANA SOLAR SYSTEM LLP</b> C35, Shreenath Plaza, Dnyaneshwar Paduka Chowk, FC Road, Shivaji Nagar, Pune-411004.	PO Reference	2019-2100006
		SO Reference	4201913129
<b>Consignee:</b>	<b>Galaxy Solar Energy Pvt Ltd.</b> Plot No.6 A, Jaganath Nagar, Besa Main Road, Nagpur- 440037 Maharashtra India	Invoice	192901002696
		Dealt with By	Muthu S

Dear Sir,

This letter is issued at the request of above mentioned customer (the "Purchaser"). ABB India Limited ("ABB") is issuing this letter in order to confirm that ABB shall provide a warranty on the terms contained in the attached Warranty conditions / Directives for PVP Inverters.

ABB warrants that the Inverter supplied shall be free of defects in title, material and workmanship for a period of 60 (Sixty) months from the date of supply (the "Product Warranty Period"). The warranty for the accessories is limited to 24 months from the date of supply.

The details of the equipment are as follows:

Product / Item description	Quantity	Serial No	Date of Expiry
TRIO-TM-50.0;SX2-SPD- SX SPD; DISPLAY	7	1829124696, 1827123446, 1829125037, 1829125071, 1829124699, 1829125062, 1829125027.	10/04/2024

Under no circumstances shall the warranty period of the product or part of such product will be extended beyond the Product Warranty Period of the originally supplied product, irrespective of whether as originally supplied or as repaired or replaced.

The information contained in this letter is provided in good faith, and every reasonable effort has been made to ensure that it is accurate and up to date as at the date of this letter. In no event shall ABB be liable for any damage arising, directly or indirectly, from the use of the information contained in this letter, including damages arising from inaccuracies, omissions or errors.

In case of non-payments of due amounts as per the terms of purchase order, this letter shall no longer be valid and binding on ABB. Also, the warranty support will be withdrawn immediately till payment of due amounts.

For ABB India Limited,



Ramesh P

# ABB Inverters

## Warranty conditions / Directives

Valid from: July 1<sup>st</sup> 2017

### Applicable products

These warranty terms and conditions are applicable for the following ABB inverters: UNO-DM-PLUS, PVI-10.0 (3N819900000A), PVI-12.5 (3N829900000A), TRIO-5.0/7.5/8.5, TRIO-20.0/27.6, TRIO-50 and accessories. Concerning the REACT product, these warranty terms and conditions are applicable only for REACT-UNO. REACT-BATT has a dedicated warranty T&C.

inverter: both are visible on the label on the side of the inverter (a photograph of the label of the inverter)

### Warranty programs for inverters

The STANDARD warranty, advance replacement inverter or power module, the freight costs and on site removal and reinstall labor will be under customer scope. Condition details are available in table 1.

### Warranty programs for Accessories

The solar accessories include also all monitoring components and String-combiner boxes for central inverters. Accessory warranty covers the repair material and repair labor in repair center or replacement product at ABB sold discretion. Details are available in table 1. The freight costs and on site removal and reinstall labor are excluded.

### Applicable countries

The warranty program applies for the products supplied from ABB Factory in Nelamangala and installed in one of the following countries or as per the Agreement with INABB:  
INDIA

### Duration of manufacturer warranty:

The default warranty period for the Inverters is 5 years starting from the installation/ commissioning date but in any case not longer than +63 months from date of supplied.

The Manufacturer Warranty period for accessories is 2 (two) years starting from the shipping date from Manufacturer

### Warranty claim

All warranty claims must follow the processes outlined below to be valid.

Claim must be made using the following method.

- Via a phone given in the escalation matrix.
- Via an email (IN-Solar\_service@abb.com).

The following information must to be provided:

- Inverter and/or device model
- Serial number (S/N) and production week (WK) of the

- and/or device in .jpg format is required)
- Description of the problem/error code (a photograph of the inverter display in .jpg format is required)
- Contact details of warranty holder (complete name, address (site of installation), email and phone)
- Contact details of entity asking for assistance (complete name, address, email and phone)

ABB will provide a CARE Number associated with the claim. This CARE number must be mentioned for any correspondence during the claim resolution steps.

**Claim resolution:**

The resolution method of a claim is at the sole discretion of ABB. It can consist of:

- Return and Repair
- Advance replacement
- Repair on site (Field intervention)

**Replacements from ABB:**

In the program a replacement Parts / unit is included. The replacement parts would be sent as per the incoterms agreed for the initial supply (Main supply). ABB will either ship a replacement power modules or required parts to fix the problem before the allegedly defective product has been returned to ABB repair center. At the sole discretion of ABB, this replacement unit can be either new or refurbished but in any case fit as a replacement.

The delivery of the advance replacement unit, in no event, constitutes ABB's acknowledgement that the claim is covered by the warranty. ABB's acceptance or denial of the claim will follow upon ABB's analysis of the returned parts only.

The customer must make the defective Parts available for return within 7 (seven) days with all expenses included in customer scope following the delivery of the replacement unit and with the appropriate packaging with CARE number as per the replacement unit provided along with necessary documents for transport.

Allegedly defective parts will be returned to an ABB repair center for validation of the warranty claim. In case the warranty claim is confirmed, the remaining warranty period of the defective Parts will be transferred to the replacement unit. In case the defect is not covered by the manufacturer's warranty (see below under clause 8 - Exclusion from manufacturer warranty), the warranty claim will be void and the incurred cost (logistic, administration, failure analyze and replacement parts) will be invoiced to the customer. Upon payment of these incurred costs, the replacement Parts from delivery of the replacement Parts.

In case the allegedly defective Parts is not timely made available for return and accordingly the allegedly defective parts is not received at the ABB repair center by the term above mentioned, the warranty of the replacement parts shall not, as a consequence of customer's breach of contract, be claimable until full payment of incurred cost (logistic, administration and replacement parts), which will be invoiced to the customer. It is understood and agreed that when payment of the above costs is received, the warranty of the replacement parts may be enforceable within the term of the life of warranty provided for the replaced parts (i.e. the original term will apply). Moreover, if the allegedly defective parts is returned to ABB after the elapse of the above 7 (seven) day-term.

ABB undertakes to perform this analysis within 3 months from the delivery of the allegedly defective parts.  
Made by ABB

#### Field intervention:

In case of any field intervention (including advance replacement) decided by ABB, the choice of the ABB qualified technician belongs to ABB.

For the field intervention, (the legal owner of the ABB inverter).

For the field intervention, Manufacturer Warranty holder is responsible to ensure access and provide any required special equipment required to access the installation (e.g. scissor lift). Manufacturer Warranty holder has also to ensure that the installation and working environment for the installation is compliant with applicable health and safety standards and if there is no standard, at a level not lower than ABB HSE policy.

The qualified technician may refuse an intervention if the conditions defined by Health Safety Regulations are not met. Should the above conditions not be met, ABB will charge the Manufacturer Warranty holder for any consequent cost, including, without limitation, the costs of the qualified technician who could not access the site and/ or the inverter.

#### Exclusion from warranty:

The warranty claim is invalid in the following situations:

- Warranty period expired
- Mechanical damage during transportation of defective unit when done by customer
- Any modification applied to the inverter that was not performed by ABB-authorized personnel
- Inappropriate installation or commissioning
- Negligence or inappropriate use of the product.
- External event (overvoltage, failure of other components in the installation causing inverter failure, etc.)
- Non observance of documentation, including preventative maintenance.
- Force majeure, including but not restricted to lightning, power surges, natural disasters and fires.
- Returned inverter shows no fault after analysis
- 

Utilization in combination with equipment, items or materials not permitted by ABB documentation

- Provided that, save in the event of a Returned inverter (or inverted analyzed at site, as the case may be) which has shown no fault after analysis, the warranty may not be any longer claimable and will cease to be effective.
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The warranty exclusion may be discovered by the warranty holder, by the technician in the field or during the repair of the unit in the ABB repair center. If a warranty exclusion is confirmed by ABB, the logistics, analysis, and associated material, labor and administration costs will be charged to the warranty holder.

If a warranty exclusion is discovered during the repair, the repair will be stopped, the warranty holder notified, and when possible, a repair estimate will be provided.

Due to the evolution of technology, the replacement unit or new device provided may not be compatible with the installed system. The warranty does not cover any expenses or any costs which might be incurred to configure, retrofit or adapt the inverter to the installation.

Unless agreed upon in a specific contract, ABB will not provide financial compensation for energy that has not been fed into the grid by the installation during any service activity, including preventive and corrective maintenance.

The warranty claim will be invalid if incorrect details (inverter serial number, error code, etc.) are provided.

Preventive maintenance parts and consumables are not covered by warranty (i.e. overvoltage protection, fuses)

Furthermore returned inverter (or inverted analyzed at site, as the case may be) that shows no fault after analysis will be subject to Art 6. Advance replacement (advanced swap) for the ASSURE program.

#### Legal aspects and other conditions

The warranty agreement is concluded between ABB and the warranty holder.

This factory warranty is freely provided by ABB and does not prejudice in any way the inverter's conditions of sale, including any warranty provided by a third party entity from which it has been purchased.

The present terms and conditions supersede any terms and conditions that have been in force previously, and applies to inverters sold from the date of validity of this document and to inverters – without prejudice to the life of the original warranty – in respect of which a warranty claim is submitted to ABB by any of the communication channels mentioned above.

## ASSURE and Accessories

Table 1. Details of the Service terms and conditions

Definition	Invert er	Accessories
	STANDARD Warranty	ACCESSORIES Warranty
Default duration (years)	5	2
Repair material and labor costs in repair center	Included	Included
Removal and reinstall costs (See conditions in description).	Not included	Not included
Parameter setup of replacement product	Not included	Not included
Material freight costs returning defective unit (to location defined by ABB)	Not included	Not included
Material freight costs of repaired (or replacement) unit to customer	Included	Not included
Advanced replacement unit (where technically possible, the alternative is on-site repair)	Not included	Not included
Technical hotline	Included	Included
Ready to ship indication After acceptance of claim, subject to material availability	Usually 5 working days	Usually 15 working days After reception at the ABB repair center

ABB



<b>WARRANTY LETTER</b>	Format No	SO/PMF-04	Rev No	01
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<b>Supplier:</b>	ABB India Ltd. Sy. No. 88/3 to 88/6, Basavanahalli, Kasaba Hobli, Nelamangala Taluk, Bengaluru – 562 123.	Date	22/5/2019
<b>Customer:</b>	SOLAR4ALL S2 ISHA RESIDENCY,43-JAI HIND SOCIETY SHYAM NAGAR SOMALWADA, NAGPUR - 440015 Maharashtra	PO Reference	0069 AMENDED 2
		SO Reference	4201861636
<b>Consignee:</b>	M/S. Priyadarshani College Of Engg. Near CRPF Digdoh Tah. Hingna, Dist. Nagpur-440016	Invoice	192901020465
		Dealt with By	Abhijeet More

Dear Sir,

This letter is issued at the request of above mentioned customer (the "Purchaser"). ABB India Limited ("ABB") is issuing this letter in order to confirm that ABB shall provide a warranty on the terms contained in the attached Warranty conditions / Directives for PVP Inverters.

ABB warrants that the Inverter supplied shall be free of defects in title, material and workmanship for a period of 60 (Sixty) months from the date of supply (the "Product Warranty Period"). The warranty for the accessories is limited to 24 months from the date of supply.

The details of the equipment are as follows:

Product / Item description	Quantity	Serial No	Date of Expiry
Power Module	1	1849123241	20/5/2024
WB-SX2-PVS-100-TL;24 INPUTS;BOOST	1	1849100956	20/5/2024

Under no circumstances shall the warranty period of the product or part of such product will be extended beyond the Product Warranty Period of the originally supplied product, irrespective of whether as originally supplied or as repaired or replaced.

The information contained in this letter is provided in good faith, and every reasonable effort has been made to ensure that it is accurate and up to date as at the date of this letter. In no event shall ABB be liable for any damage arising, directly or indirectly, from the use of the information contained in this letter, including damages arising from inaccuracies, omissions or errors.

In case of non-payments of due amounts as per the terms of purchase order, this letter shall no longer be valid and binding on ABB. Also, the warranty support will be withdrawn immediately till payment of due amounts.

For ABB India Limited,



Ramesh P

# ABB Inverters

## Warranty conditions / Directives

Valid from: July 1<sup>st</sup> 2017

### Applicable products

These warranty terms and conditions are applicable for the following ABB inverters: UNO-DM-PLUS, PVI-10.0 (3N819900000A), PVI-12.5 (3N829900000A), TRIO-5.0/7.5/8.5, TRIO-20.0/27.6, TRIO-50 and accessories. Concerning the REACT product, these warranty terms and conditions are applicable only for REACT-UNO. REACT-BATT has a dedicated warranty T&C.

inverter; both are visible on the label on the side of the inverter (a photograph of the label of the inverter)

### Warranty program-s for inverters

The STANDARD warranty, advance replacement inverter or power module, the freight costs and on site removal and reinstall labor will be under customer scope. Condition details are available in table 1.

### Warranty programs for Accessories

The solar accessories include also all monitoring components and String-combiner boxes for central inverters. Accessory warranty covers the repair material and repair labor in repair center or replacement product at ABB sold discretion. Details are available in table 1. The freight costs and on site removal and reinstall labor are excluded.

### Applicable countries

The warranty program applies for the products supplied from ABB Factory in Nelamangala and installed in one of the following countries or as per the Agreement with INABB: INDIA

### Duration of manufacturer warranty:

The default warranty period for the Inverters is 5 years starting from the installation/ commissioning date but in any case not longer than +63 months from date of supplied.

The Manufacturer Warranty period for accessories is 2 (two) years starting from the shipping date from Manufacturer

### Warranty claim:

All warranty claims must follow the processes outlined below to be valid.

Claim must be made using the following method.

- Via a phone given in the escalation matrix.
- Via an email (IN-Solar\_service@abb.com).

The following information must be provided:

- Inverter and/or device model
- Serial number (S/N) and production week (WK) of the