



+91 9443231044

suryasolar2000@gmail.com

Date: 10.2.2020

To

The Principal

Indra Ganesan College of Engineering

Trichy 620012

Respected Sir/Madam,

With Your Previous Consultancy Services Offered by Department of Electrical & Electronics Engineering in Domain of solar Panel estimation .We Request the consultancy Members for carrying out the same.

We like to share your valuable time for continuing the above project, since our valuable customer is nearby your work place. We will be very much gratitude if we aspect the proposal for the project.

Dr. G. Balakrishnan, M.E.; Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

No.1, II Floor, Shanthi Complex Near Axis Bank, Opp. Bus Stand, HOSUR - 635 109.



14.02.2020

Trichy.

To

Surya Solar
II Floor, Shanthi Complex near Axis Bank
Opp. Bus Stand, HOSUR - 635 109

Respect Sir/Madam,

Sub: Submission of Project consultancy work Quotation – Reg

Ref.: Your Letter Dated 10th Feb 2020.

Greetings from Indra Ganesan College of Engineering, We are Glad to extend our consultancy Activity for Solar power Installation for your Client. Mr.S.Ponmathirajith Kumar Assistant Professor, Department of Electrical & Electronics Engineering is designated to complete the task. The cost for Proposed Work Estimation is approximately Rs.2, 50, 000. We wait for your response.

S. Ponmathi

PROJECT INVESTIGATOR



Dr. S. Bharathi Raja

Dr. S. BHARATHI RAJA
PRINCIPAL

Madurai Main Road,
NH-45B, Manikandam
Tiruchirapalli – 620 012
Tamil Nadu, South India

Vision of Success

Dr. G. Balakrishnan, M.E., Ph.D.,
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Mobile : 85086 88845
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Mission of Achievement



+91 9443231044 suryasolar2000@gmail.com

Date: 20.2.2020

To
The Principal
Indra Ganesan College of Engineering
Trichy 620012

Respected Sir/Madam,

We are Satisfied with your Quotation for the Solar power Installation and its quantity for our Clients and on Negotiation we grant Rs.2,50,000 towards the consultancy Work on submission of the proposed work report within 5 to 7 Days.

No.1, II Floor, Shanthi Complex Near Axis Bank, Opp. Bus Stand, HOSUR - 635 109.

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Manikandam, Trichy-620 012.

Department of Electrical & Electronics Engineering

Consultancy Project Work

Report

SOLAR PANEL INSTALLATION 3 KW

SUBMITTED TO

Surya Solar

II Floor, Shanthi Complex near Axis Bank

Opp. Bus Stand, HOSUR - 635 109

Reported Date

26.2.2020


Dr. G. Balakrishnan, M.E., Ph.D.,
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Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

As Requested by Surya Solar, Hosur the following are the details for your kind Perusal.

Load Estimation:

SNO	LOAD	WATTS	HOUR /DAY	NUMBER OF LOAD	WATT – HR
1	FAN	60 W	10	10	6000
2	TUBE LIGHT	45W	10	10	4500
3	LAP TOP	40W	10	10	4000
4	PERSONAL COMPUTER	30 W	10	10	3000
	TOTAL	175w			

SOLAR PANEL:


The polymorphous panel is installed with 330 watts each .Total 3 with voltage rating 36 volts and current rating 15amps.

INVERTER:

The VA rating of the inverter 2 KVA with pure sine wave input voltage 100 to 200 DC volt and output voltage 230 AC voltage .

BATTERY:

The battery 150 Ah with 3 terminal Approx duration 40 minutes:
Batteries shall be charged in constant potential mode with current limit


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Float charging voltage 13.5 volts per module @27 deg C Boost
Charging voltage 13.8 volts per module @27 deg C Current limit 10
Amps minimum to 25 Amps maximum Voltage .

Considering all the factors the following material has to be delivered

SNO	MATERIAL	RANGE	QUANTITY
1	SOLAR PANNEL	330W, 36 VOLT	3
2	INVERTER	3 KVA	1
3	BATTERY	150 AH	1

S. Ponmathi

PROJECT INVESTIGATOR

S. Bharathi Raja

Dr. S. BHARATHI RAJA

PRINCIPAL

Dr. G. Balakrishnan

Dr. G. Balakrishnan, M.E., Ph.D.
Principal
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26.02.2020

Trichy.

UTILIZATION CERTIFICATE

Certified that the amount of **Rs.2, 50, 000** was sanctioned by Surya solar during the academic Year (2020-2021) in Favour of Department of Electrical & Electronics Engineering, Trichy has been fully utilized for **Solar Panel Installation 3KW**. The Purpose of amount sanctioned has been Fulfilled and delivered as per condition were Satisfied.

S. Panmathi

PROJECT INVESTIGATOR



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