



+91 9443231044

suryasolar2000@gmail.com

Date: 13.11.2018

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.

Dr.S.BHARATHI RAJA, B.E.,M.Tech.,Ph.D.,FIE
Principal



Indra Ganesan
COLLEGE OF ENGINEERING

Ref: IGCE/EEE/Consultancy/2018-2019/001

16.11.2018

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 13th Nov 2018.

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

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

Project Investigator



Dr. S. BHARATHI RAJA
PRINCIPAL

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

Mobile : 85086 88845
Phone : 0431 2906565
Web : www.igceng.in
igceprincipal@gmail.com

Vision of Success

Mission of Achievement



+91 9443231044

suryasolar2000@gmail.com

Date: 20.11.2018

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.50000** towards the consultancy Work on submission of the proposed work report within 5 to 7 Days.

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.



Indra Ganesan
COLLEGE OF ENGINEERING

Department of Electrical & Electronics Engineering

Consultancy Project Work

Report

SOLAR INSTALLATION 1.5 KW

SUBMITTED TO

Surya Solar

II Floor, Shanthi Complex near Axis Bank

Opp. Bus Stand, HOSUR - 635 109.

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

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

Reported Date

26.11.2018

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	5	3000
2	TUBE LIGHT	45W	10	5	2250
3	LAP TOP	40W	10	5	2000
4	PERSONAL COMPUTER	30 W	10	5	1500
	TOTAL	175 W			

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 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 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 .



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

Considering all the factors the following material has to be delivered

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

Thangaraj

Project Investigator

S. Bharathi Raja

Dr. S. BHARATHI RAJA
PRINCIPAL

G. Balakrishnan

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



Ref: IGCE/EEE/Consultancy/2018-2019/002

26.11.2018

Trichy.

UTILIZATION CERTIFICATE

Certified that the amount of Rs.50000 was sanctioned by Surya solar during the academic Year (2018-2019) in Favour of Department of Electrical & Electronics Engineering, Trichy has been fully utilized for Solar Panel Installation. The Purpose of amount sanctioned has been Fulfilled and delivered as per condition were Satisfied.

Thangaraj

Project Investigator



Dr. G. Balakrishnan

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

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

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

Mobile : 85086 88845
Phone : 0431 2906565
Web : www.igceng.in
igceprincipal@gmail.com

Mission of Achievement