

Raviyath Sir



# POWERTRONIC SYSTEMS

Solar & UPS Solutions

+91 948 392 7870  
www.powertronics.co.in  
team@powertronics.co.in

Head Office: G-53, Eureka Centre, Koppikar Road, Hubli - 580 020.

BRANCH OFFICE : UDUPI & MANGALORE

Date: 6/7/2024

Dear sir

Sub: Request for the release of 25% payment

Respected Sir

kindly release the 25% of payment for the metrial received 70 pannles at site for the solar EPC 40Kw

*Abhishek*

Thanking you

70 Panel Received at Site. *Abhishek*  
08/07/24

*Abhishek*  
08/07/24

Principal

A.J. Institute of Engineering & Technology  
Mangaluru - 575 006

Account Details

Account Holders Name : POWERTRONIC SYSTEMS  
Name: Bharat Cooperative Bank Mumbai Limited, Hubballi  
Account No.: 009712100000091

IFSC code: BCBM00000098

25% on 4600000 = 400000  
TDS 400000 - 1% TDS = 40000/-  
Payall = 400000 - 40000 = 396000/-

PAID BY  
478341  
08/07/24  
396000

25% Advance payment  
already done  
i.e 4,00,00

PAID BY  
478342  
08/07/24  
396000

ok to 25% additional  
advance of  
submitted along with by done

# A. J. Institute of Engineering and Technology Mangaluru

Approved by AICTE New Delhi, Affiliated to VTU Belagavi & Recognised by Govt. of Karnataka  
(A unit of Laxmi Memorial Education Trust (R))

ACCREDITED BY NBA (BE : CV, CSE, ECE, ISE & ME)

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email : ajenggcollege@gmail.com | website : www.ajiet.edu.in



Ref: AJIET/PO/10607/2024-25

Date: 20/06/2024

To,  
Powertronic System  
G-53, Eureka Centre, Koppikar Road  
Hubli 580 020

**Sub: Work Order for the Supply and installation of 40W Solar panel for College Block Building Sheet at AJIET.**

With reference to your quotation herewith giving the Work order for the Supply and installation of 40W Solar panel for college block building Sheet at AJ Institute of Engineering and Technology, Mangalore

Option 1		On Grid Solar EPC Project 40 KWP
Project Summary		
Capacity(Kwp)		40KWp
Time Line (Days)		20-Days from the date of Purchase order&advance,5days from the readiness of Intra-items, whichever is later.
Component	PV Module Specs	Waaree
	Inverter Specs	Goodwee
	Structure Specs	Anodized Aluminium Structure/Hot Dip Galvanized Iron
	DC Cable	DC Cable 4 or 6mm Tinned CU UV protected cable as per EN 50618, Make: Polycab
	Other System	Standard System BSI
Warranty &	PV Module (Years)	25 Years

Principal

A.J. Institute of Engineering & Technology  
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Expected performance	Inverter (Years)	1 Year
	Other Electrical & Electronics Equip	1 Year
	Performance Ratio	Expected Performance Ratio : 90%
	Degradation(%)	0.7% YoY from Year
Total Solar EPC Project Cost		14,28,571.42
GST @12%		1,71,428.57
Grand Total		16,00,000.00

Advance @ 25% of Rs 16,00,000 = 4,00,000

1% TDS → 4000/-

Payable 4,00,000 - 4000 = 3,96,000/-

President

DD No. 417315  
 Date 21/06/24  
 Bank Canara  
 Amt 396000/-

47831  
 Date 21/06/24  
 Bank Canara  
 Amt 4000

Terms and Condition

1. Rate are inclusive of 12% GST, as mentioned separately above.
2. Advance payment of 25% will be given.
3. Once Solar Panel received at site another 25% payment will be released & pending amount will given after the completion of work at site as well and MESCOM Approval
4. Annual maintenance for 40 Kw is 600RS/Kw
5. 1 year Free PV cleaning service along with free check up
6. All Charges are included, no additional charges
7. The electrical work is of customer scope
8. Warranty for inverters 10 years
9. Warranty for PV panels 25 years
10. Warranty for electric accessories for 1 year
11. MESCOM Permission Charges for 40 KWP also included.
12. Completion of work within 3 weeks from the date of PO and advance.



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BRANCH OFFICE: UDUPI & MANGALORE

**Date:10/06/2024**

To

Vice president

Aj institute of engineering and technology

(Pol Sheet ~~Area~~ on the top of  
College Building).

Dear Sir,

Harnessing a substantial amount of solar energy on the rooftop of residential buildings can easily convert it into electricity.

For three decades, "Powertronic Systems" has been serving Karnataka, focusing on high-efficiency inverters, home UPS, online UPS batteries, and premium solar PV panels from well-known brands. These panels ensure the highest electricity output per panel. Our selection includes premium inverter brands and systems.

Thank you for considering our solar grid tie rooftop solution.

*Abhishek*

With Regards!



Image is for illustration purposes only

*Principal*  
A.J. Institute of Engineering & Technology  
Mangaluru - 575 006

Ongrid & Offgrid Solar Products Solar Water Pumps  
Street Lights & High Mast Online & Offline UPS and Vehicle Batteries  
Service Providers for Govt. & Semi Govt. Institutions



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BRANCH OFFICE : UDUPI & MANGALORE

Option 1

Project Summary

On Grid Solar EPC Project 40 Kwp

Project Basic	Capacity (Kwp)	40 KWP
	Timeline (Days)	20-days from the date of PO & Advance, 5-days from the readiness of Intra-items, whichever is later
	PV Module Specs	Waaree/Adani Bifacial MonoPerc Halfcut
	Inverter Specs	Deye/ Growatt /Goodwee /Solar Edge
	Structure Specs (Optional)	Anodized Aluminum structure/Hot Dip Galvanized Iron
	DC Cable	DC Cables 4 or 6 mm Tinned Cu UV protected cable as per EN 50618, Make: Polycab
	Other Systems	Standerd System BSI
	PV Module (Years)	25 Years
	Inverter (Years)	10 Years
	Warranty & Expected Performance	Other Electrical and Electronic Equipments
Performance Ratio		Expected Performance Ratio :90%
Degradation (%)		0.7% YoY From Year
Total Solar EPC Project Cost		₹15,35,714.29
Gst @12% (or as per the prevailing rates)		₹ 1,84,285.71
Grand Total	₹ 17,20,000	
Grand Total in words	Seventeen Lakhs Twenty thousand only	

(575 KOP)  
Powertronic  
Chennai

16,100,000 / -  
20/06/24

15,00,000 / - Defect  
1,80,000 / - C12%  
16,80,000 / -  
final price

Proposed plant capacity	40 Kwp
Expected Generation Per Day	160 units
Expected Generation Per Month	4800 units
Expected Generation Per Year	57600 units
Expected Generation For 25 Years	14.40.000 Units
Existing Tariff Per Unit	₹ 8 (including all taxes)
Savings per year	₹ 4,60,800
Savings for 25 years	₹ 1,15,20,000
Return On Investment (ROI)	3.8 years

Panel @ site - 3-4 days  
work completion today  
of solving  
MISSION APTURAL  
December



Head Office: G-53, Eureka Centre, Koppikar Road, Hubli - 580 020.

BRANCH OFFICE - UDUPI & MANGALORE

### Items used in Solar Project

1. Solar pv Panels
2. Solar inverter
3. Structures for pv panels
4. 4/6 mm DC cables
5. ACDB & DCDB connector Boxes
6. Array junction
7. Earthling arresters Lighting Arrester
8. Armored cable
9. Pipes & electrical fittings

### Payment and other terms and conditions and Offers

1. Warranty for inverters 10 years
2. Warranty for pv panels 25 years
3. Warranty for electric accessories for 1 year
4. Mescom Permission Charges for 40 Kwp included.
5. Payment terms: 60% at the time of purchase order 20% time of material delivery 20% immediate after completion
6. AMC: annual maintenance for 80 Kw 600 Rs per Kw
7. 1 year Free PV cleaning service along with free check up
8. All Charges are included .no additional charges
9. Any other works other than the above mentioned will be extra
10. Quotation Validity 30 days
11. The electrical work is at customer scope
12. The Suggestion is to apply for the sanctioned load capacity i.e 300 Kwp .The above mentioned quotation in which mescom charges is only for 40 Kwp if excess has to be applied the price will vary accordingly

→ 25% advance  
→ 25% after solar  
Panel at site  
→ 50% completion  
work & document

Thanking You Waiting for your valuable purchase order

Principal

A.J. Institute of Engineering & Technology  
Mangalore - 575 006

9V