KAYAL GREEN ENERGY

Rooftop Solar · Design · Installation · Service
ANERT empanelled vendor · PM Surya Ghar registered vendor

Near Bus Stand, Kalavoor P.O.
Alappuzha, Kerala – 688 522
Ph: +91 98XXX XX214
GSTIN: 32XXXXX4821X1ZQ

QUOTATION

Quotation No.	KGE/RTS/2026/418	**Date**	04-11-2026
Customer	Mr. Nidhin	**Valid until**	19-11-2026 (15 days)
Site	Residence, Kochi (RCC flat roof)	**Connection**	KSEB, single phase, domestic

Sub: Supply, installation, testing & commissioning of 3 kW on-grid rooftop solar power plant with net metering under PM Surya Ghar: Muft Bijli Yojana.

#	Description & Specification	Qty	Rate (₹)	Amount (₹)
1	**Solar PV Module** – Rayzon Solar 545 Wp Mono PERC, DCR, ALMM listed, BIS certified Total capacity 3.27 kWp. Warranty: 12 yr product, 30 yr linear performance (manufacturer)	6 nos	15,200	91,200
2	**Grid-tie Inverter** – Growatt MIN 3000TL-X, 3 kW, single phase, with Wi-Fi monitoring stick Warranty: 5 yr manufacturer, extendable	1 no	26,500	26,500
3	**Module Mounting Structure** – Hot-dip galvanised (HDG) GI, min. 80 micron zinc coating, 2.5 mm section Elevated: front leg 6 ft, rear leg 7.5 ft. SS304 nuts & bolts. Anchor fasteners with grouting. Designed for 150 km/h wind	1 set	24,000	24,000
4	**DC Cable** – Polycab 4 sq.mm solar DC cable, tinned copper, EN 50618 / TÜV, UV resistant (red + black)	30 m	90	2,700
5	**AC Cable** – Polycab 4 sq.mm 2-core copper armoured, inverter to ACDB to meter	15 m	210	3,150
6	**DCDB + ACDB** – IP65 enclosures. DCDB: 1000V DC fuse + Type II DC SPD. ACDB: 32A DP MCB, Type II AC SPD, RCCB 30 mA (Havells/Elmex)	1 set	9,500	9,500
7	**Earthing** – Maintenance-free chemical earthing, 3 m copper-bonded rod, with earth pit chamber Separate pits: 1 for DC side/structure, 1 for AC side/inverter, 1 for lightning arrester	3 nos	3,000	9,000
8	**Lightning Arrester** – Copper conventional LA, 1.5 m, with down conductor to dedicated earth pit	1 no	3,500	3,500
9	**Accessories** – TÜV certified MC4 connectors, UV-stabilised PVC conduit, cable ties, lugs, sign boards	1 lot	3,200	3,200
10	**Installation, Testing & Commissioning** – incl. transportation, unloading and lifting to roof	1 job	9,500	9,500
11	**Net Metering** – bidirectional net meter (KSEB approved make) + KSEB application, feasibility & PM Surya Ghar portal documentation	1 job	2,750	2,750
	TOTAL (inclusive of GST)			**1,85,000**

Rupees One Lakh Eighty-Five Thousand only. GST included on 70:30 composite basis (70% supply @ 5%, 30% service @ 18%).

PAYMENT TERMS

- 40% advance with confirmed order
- 50% on delivery of materials at site
- 10% after commissioning and net meter installation

WARRANTY

- Modules & inverter: as per manufacturer, registered in customer's name
- Workmanship & structure: 5 years from commissioning
- Free service: 2 visits in year 1 (inspection + cleaning)

EXCLUSIONS / NOTES

- KSEB statutory fees (if any) paid by customer directly; receipts handed over
- Any change in site layout after survey will be informed in writing before work
- Installation within 10 working days of advance
- No substitution of listed makes without customer's written approval

PM Surya Ghar subsidy: Eligible central subsidy for 3 kW = ₹78,000, credited directly to customer's bank account after commissioning and inspection. Indicative net cost after subsidy: **₹1,07,000**.

KAYAL GREEN ENERGY ALAPPUZHA

For **Kayal Green Energy**

Thanking you,
Customer acceptance: _____

Authorised Signatory

Sample quotation created for a demonstration. Vendor and document details are fictional.