



**RAIDCO KERALA LTD.,  
RAIDCO TOWER, TALAP, KANNUR – 670002  
Phone: 0497 2700875, 2700192**

G1/BM/11/2024-25

26-06-2024

**QUOTATION NOTICE**

Raidco is intended to implement a scheme for installation of 50kW Flat Rooftop Solar PV Systems in a client site at Thaliparamba, Kannur district. Sealed quotations are invited from MNRE/ANERT approved/registered agencies for the execution of the above work.

Additional documents showing the registration number, work experience and required amount needed for Annual Maintenance Contract should also be submitted along with the quotation.

**MANAGING DIRECTOR**

**Bill of Materials :**

Item No	Particular	Description	Quantity
1	OnGridInverter	50 KW - On Grid Inverter /3 PHASE Model, IP 65 Protection, 3 Phase Inverter with Wifi, 7Year warranty (BIS Certified product needed)	1pc
2	SolarPVModules	545 Wp 144 Cells Mono PERC Half Cut Mono, 12 - year Product warranty needed, 25/30 -year Performance warranty required(BISCertified product needed)	92 Nos
3	ACcombiner Box	1 IN 1 OUT 3 Phase 40 kA, 1 kV 3 phase SPD 40A PN X 1 Nos OUT Surge Protector,AC Combinerbox,AC SPD, AC Isolator, MCB	1PC
4	DCcombinerBox	4 IN 4 OUT 15A DC Fuses per string DIN Standard DC Fuse Holder , 40 kA, 1kV DC SPD per string	1PC
5	AC Cabling	4 x 50 Sq mm AL armoured cable	60 METRE
6	DCCabling	4 Sq mm 1.8/1.5kV UV res Solar Cables Tinned Cu, Stranded High Grade PVC Conduit Quick Clip Mount, IP68 MC4Connectors	300 METRE
7	Monitoring DEVICE	Web Connect Cloud based Online Monitoring ACCESS SOFTWARE	1No
8	EnergyMeter	3 Ph, AC Generation meter (CT) & Net Meter	1PC
9	EARTHING& LightningProtection	10 sq mm Cu with Cu Lugs AC, DC & Structure earthing, 50 sq mm Al down conductor to earth pit for Lightning Arrestor, 100µ Cu Bounded Rod electrode, PPC Earth PitCover	3 Set(LA,AC& DC-structure)
10	Module MountingStructure	16 Gauge-GPPipes Rafters:3X1.5,Legs:3X1.5,Purlins:1.5X1.5	1 Set

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