

Interested and eligible vendors are invited to submit quotations strictly as per the prescribed specifications mentioned below. For any clarification or assistance, please contact: 7866003362

S.No.	Installation & Commissioning of the 24W Solar LED Street Light			Qty.
1.	Electrical	Category	Solar LED Street Light	193
		Wattage	24W	
		Input Voltage	12.8 Volt DC	
		Driver Efficiency	93.5%	
		Dusk to Dawn & Charge Controller	The PV module itself will be used to sense the Dusk to Dawn & Charge ambient light to switch ON/OFF the Lamp Inbuilt Controller PWM controller	
		Re Connect	12.8 Volt	
		Low Battery	11.2 Volt	
		Charging Cutup	14.80 Volt	
		Current	7.81 Volt	
		Dusk	2.8 Volt	
		Dawn	5 Volt	
		SMD LED Chip	30 Nos	
	Optical	Luminous	4500 Lumens (Full Brightness)	
		Luminous Efficacy	150 Lumens per watt	
		Color Temperature	Cool White	
	Mechanical	Type of Led Open	As per design	
		Material used for LED Engine	Metal Core PCB	
		Material for Housing	Aluminium Extruded	
	LED	Type of LED & Package	As per requirement	
		No of LEDs	As per design	
		LED Beam Angle	Wide Beam Angle	
		LED Life	50,000 hours	
	Indicators	Green LED	Shall glow only when the charging is taking place	
Red LED		Shall indicate the battery Load cut off condition		
Battery	Battery Recommended Battery Rating	12.8 Volt 30 AH		
	Battery Type	Lif-Po4		
	Battery Backup	16 hours+		
PV Module	PV Module Rating	12v 100 Watt		
Warranty	Light	2 years		
	Battery	5 years		
	Panel	25 years		
	CMPDIL radium branding in solar pole			
	Branding Plate of CMPDIL permanented fixture in the pole		193	