



OREDA LIMITED

(Under the Department of Energy Government of Odisha)

(CIN No: U35105OD2024SGC045786)

(ISO 9001:2008 / ISO 14001:2004)

S/59, MANCHESWAR INDUSTRIAL ESTATE

BHUBANESWAR-751010, ODISHA

Website: www.oredaodisha.com E-mail: ceoreda@oredaorissa.com

Corrigendum

Notice No: 2313 /OREDA Ltd.
PD- 116 /2026

Date: 09/ 07 /2026

Corrigendum is hereby issued with necessary amendments for the TCN No. 2259/OREDA, 06.07.2026, for selection of solar power developer for design, engineering, supply, installation, testing and commissioning & 5-year maintenance of various grid-connected and off-grid solar assets at Pahadpur village of Mayurbhanj district.

SI No.	Schedule of Events	Timeline	Revised timeline
1	Date of publication of RFE on E-procurement website and mail communication to eligible bidders	06.07.2026	06.07.2026
2	Due date and time for submission of online copies of Technical & Price bid	12.07.2026, Time: 5:00 PM	13.07.2026, Time: 3:00 PM
3	Due date and time for submission of hard copies of Technical Bid for select Bid Forms only	13.07.2026, Time: 5:00 PM	13.07.2026, Time: 5:30 PM
4	Tentative date and time for the opening of Technical Bid & price bid.	14.07.2026, Time: 12:00 PM	14.07.2026, Time: 12:00 PM
5	Tentative date and time for the opening of price bid.	14.07.2026, Time: 03:00 PM	14.07.2026, Time: 03:00 PM

Details can be seen from the website www.tenderwizard.com/OREDA or www.oredaorissa.com. Further corrigendum, if any, will be uploaded in these websites only.

Memo No. 2314 /OREDA Ltd.


9.07.2026
Chief Executive Officer

Date: 09/07/2026

Copy forwarded to M/S KEONICS, A Govt. of Karnataka Undertaking, No.29/1, Race course Road, Bangalore- 560 001 for information and necessary action.


9.07.2026
Chief Executive Officer

Memo No. 2315 /OREDA Ltd.

Date: /2026

Copy to the FA-cum- Special Secretary, Department of Energy, Govt of Odisha for information.



Chief Executive Officer

Memo No. 2316 /OREDA Ltd.

Date: /2026

Copy forwarded to the Director (Admin) / All Divisional Heads / Publicity Wing / Notice Board / Website of OREDA i.e. www.oredaodisha.com for information and necessary action.



Chief Executive Officer

CORRIGENDUM

RFE No. 2259/OREDA, 06.07.2026

Sl No	Page No	RFP clause no.	Corrigendum/ Addendum					
1	27	3.1.1	Sl.No.	Type of Asset	Cumulative Capacity	No. of Assets	Location details	Description of Scope
			1	On-grid Rooftop Solar Power System	16 kW	3	Anganwadi Centre- 1kW SLS trust office- 5 kW Market complex- 10 kW	Complete EPC including 5-year Comprehensive Maintenance
			2	On-grid Rooftop Solar Power System with battery backup	5 kW	1	Dispensary- 5 kW	Complete EPC including 5-year Comprehensive Maintenance
			3	50 W Hybrid (solar + wind) semi-integrated Street Lighting System	NA	50	Primary school- 10 nos Shiva Temple- 4 nos Jahira Pitha (HO Community)- 6 Jahira Pitha (Santhal Community)- 6	Complete EPC including 5-year Comprehensive Maintenance
			4	50 W semi-integrated Solar Street Lighting System	NA	166	Duburi sahi- 60 Dispensary to sports complex- 10 Sports complex- 120	
			5	Hybrid (solar + wind) High Mast Lighting System	NA	5	Dispensary- 1 no Shiva Temple- 1 no Market Complex- 1 no Sports Complex- 1 no Anganwadi Centre- 1 no	Complete EPC including 5-year Comprehensive Maintenance
			6	Solar Mini Mast Lighting System	NA	3	Govt. SSD Girls High School, Rairangpur- 3 nos	Complete EPC including 5-year Comprehensive Maintenance
			7	20 W Solar Street Lighting System	NA	20	Govt. SSD Girls High School, Rairangpur- 20 nos	Complete EPC including 5-year Comprehensive Maintenance

2	23	2.1.3	Name of the Project		Bid Security (INR)	Cost of bid (INR)	Bid processing fee (INR)
			SITC & 5 years CMC of Cumulative 16 kW On-Grid RSPS at 3 buildings		04,00,000.00	10,500/-+ GST	5,000/- + GST
			SITC & 5 years CMC of 5 kW On-grid Rooftop Solar Power System with battery backup at 1 building				
			SITC & 5 years CMC of 50 nos of 50 W hybrid semi-integrated Solar Street Lighting System				
			SITC & 5 years CMC of 166 nos of 50 W semi-integrated Solar Street Lighting System				
			SITC & 5 years CMC of 5 nos of Hybrid Solar High Mast Lighting System				
			SITC & 5 years CMC of 3 no of Solar Mini Mast Lighting System				
SITC & 5 years CMC of 20 nos of 20 W Solar Street Lighting System							
3	88	8	Hybrid (Solar + wind) Semi integrated Street Lighting System (50 W)				
			Component	Specification	Key Characteristics		
			Solar panel	225 Wp, Monocrystalline PV panel	High efficiency solar panel		
			Windmill	Vertical Axis Wind Turbine (VAWT) with GFRP helical blades, UV-resistant HDPE/PPE body, IP53 enclosure, minimum rated output of 45W @ 11 m/s and 150W peak output @ 17 m/s, suitable for 25.6V DC battery charging, CE certified and IEC 61400-2 certified by NIWE.			
			Maintenance Free Battery	25.6 V, 30 Ah LiFePO ₄ battery	weather resistant IP65 enclosure		




			Luminaire	50 Watt, \geq 60 lm/W Semi Integrated (light and battery in single enclosure)	Long-life, cool-white, glare-free, >50,000 hrs lifespan, 5000K color temperature
			Charge Controller	MPPT- based controller	Auto management and fault protection (overcharge, deep discharge)
			Pole Structure	Octagonal pole Height- 7 meter Top Diameter- 70 mm Botton Diameter- 130 mm Thickness- 4 mm Material- Hot dip Galvanized Iron (GI) (100 micron) Base plate- 275 mm x 275 mm x 16 mm	Withstands wind up to 150 km/h
			Lighting Mode	First 6 hours-100 % illumination Rest of the hours- 60% illumination	Efficient lighting through all conditions
			Backup Time	>1.5 days	Ensures function in cloudy weather conditions
4	89	9	Hybrid (Solar + wind) High Mast Lighting System		
			Component	Specialization	Key Characteristics
			Mono crystalline solar panel	Energy generation from sunlight	- 225 W x 4 Mono-Crystalline solar panel - High conversion efficiency




	Windmill	- Vertical Axis Wind Turbine (VAWT) with GFRP helical blades, UV-resistant HDPE/PPE body, IP53 enclosure, minimum rated output of 45W @ 11 m/s and 150W peak output @ 17 m/s, suitable for 25.6V DC battery charging, CE certified and IEC 61400-2 certified by NIWE.	
	LED Luminaire	Energy-efficient Street lighting	<ul style="list-style-type: none"> - 4 x 50 W LED - 165 lm/W luminous efficacy - 5000K colour temperature
	Maintenance Free Battery	Safe, long-life energy storage	<ul style="list-style-type: none"> - LiFePO4 battery - 25.6V 200Ah - High depth of discharge - Safe, eco-friendly
	Charge Controller	Optimized battery charging and energy management	<ul style="list-style-type: none"> - MPPT technology for optimal energy conversion - Protection against overcharge/deep discharge
	Pole Structure	Durable support for the entire system	<ul style="list-style-type: none"> - Octagonal GI pole Height- 9 meter Top Diameter- 150 mm Bottom Diameter- 360 mm Thickness- 4 mm -Material Hot dip Galvanized Iron (GI) (100 micron) -Base plate- 410 mm x 410 mm x 25 mm thickness -Designed to withstand wind speeds up to 180 km/h -Provision of heavy-duty manual/self-locking winching arrangement with stainless steel wire rope (minimum 6 mm dia.) for safe lowering and raising of the luminaire assembly for maintenance. The winching system shall include a reduction gearbox, locking mechanism, guide pulleys, foundation-mounted access door, and weather-protected housing. The entire arrangement shall be corrosion-resistant and designed for repeated maintenance operations without requiring external lifting equipment.

Handwritten signature

Handwritten signature

1	Lighting Mode	Optimized light management	- First 6 hours- 100% illuminations - Rest of the hours- 60 % illumination
	Backup Time	>1.5 days	Ensures function in cloudy weather conditions

5	Technical Specifications of Windmill		
	S. No.	Parameter	Specification
	1	Mill Rated Power Output	45 W (Minimum) @ 11 m/s
	2	Wind Component Maximum Power Output	150 W (Minimum) @ 17 m/s
	3	Voltage Range	Suitable for 25.6V DC Battery Charging
	4	Cover Material	UV Resistant HDPE/ PPE
	5	Mill Mounting Frame	Frame/ pre-galvanized roll-formed Steel sections
	6	Electronic Enclosure Rating	IP53
	7	Turbine Support	turbine supported from both ends, with a generator mounted on top of the turbine and protected with a weather cover on top.
	8	Generator	Suitable for vertical axis Windmill
	9	Cut-In Wind Speed	2.5 m/s
	10	Cut-Out Wind Speed	18 m/s
	11	Turbine- Blade	Shape : Helical Profile Dimensions : Height - 970mm, Diameter - 330mm Swept area :0.980m2
12	Turbine Material	GFRP	




	13	Rotor Type	Vertical Axis
	14	Direction of Rotation	Anti-Clockwise
	15	Colour of Turbine	Can be customized. Preferably tricolor resembling the Indian National Flag
	16	Certifications	<ul style="list-style-type: none"> • CE: LVD 2014/35/EU Low Voltage Directive, EMC 2014/30/EU Electromagnetic Compatibility. • Tested & certified as per International Standards IEC 61400-2, part 2, "Design Requirements for Small Wind Turbines" by a Government entity- National Institute of Wind Energy, India (NIWE).
	17	Experience	Experience in the successful installation and commissioning of Wind-Solar Hybrid Systems in Tribal Areas and/or Government Entities

6

Addendum

REMOTE MONITORING SYSTEM (for 50 W Semi integrated Solar Street Lighting System & Solar High Mast Lighting system)

The Smart Solar Street Lighting System shall automatically connect directly to the public mobile network via 2G/3G/4G/5G or any latest technology networks for sending data to cloud server or RMS (Remote monitoring System) dashboard via RMS hardware. The remote monitoring system shall collect and send real-time performance data (including equipment failures) for each Smart SSSL (Solar Street Lighting System). RMS hardware shall be installed in every luminary and shall be capable to generate report for functionality, issues, healthiness, problem status etc. to the RMS Cloud Server with the help of GSM module attached & Network Coverage which shall be updatable Over The Air (OTA) during the contract period. All the communication of RMS device with the controller circuit. RMS must follow Government of India /MNRE specifications as applicable. The executing agency shall ensure that the supplied RMS Device should be hackproof and leak proof to avoid the malicious activity or event. The communication nodes shall connect to the charge controller through suitable communication interface and automatically sense and monitor various parameters of the Solar Street Light.

Data of RMS needs to be integrated with OREDA Ltd. database management system (CRC-CRMS/ state data centre as advised by OREDA).

The RMS dashboard are as follows:




1) Battery Parameters:

- a) Battery Voltage (BV)
- b) Battery Current (BI)
- c) Battery Power (BP)

2) Solar PV Parameters:

- a) Solar PV Voltage (SV)
- b) Solar PV Current (SI)
- c) Solar PV Power (SP)

3) Load Parameters:

- a) Load Voltage (LV)
- b) Load Current (LI)
- c) Load Power (LP)
- d) Load ON/OFF condition

4) System shutdown due to fault (even fault should be recorded)

1. Illustrative Parameters to be displayed in the district level dashboard of the RMS software (GUI)/web user interface: -

Sr. No.	Parameters to be monitored
1.	Device ID-IMEI
1.	Serial no. of Light
2.	Battery Voltage

Handwritten signatures: J.S. and Sph

3.	Battery Current
4.	Battery Power
5.	Solar Module Voltage
6.	Solar Module Current
7.	Solar Module Power
8.	Luminary Voltage
9.	Luminary Current
10.	Luminary Power
11.	System Status (Green-ok/RED-not ok)
12.	Battery fault
13.	Module fault
14.	Luminary fault
15.	Battery Fault Date
16.	Module fault Date
17.	Luminary fault Date
18.	Luminary fault Time
19.	Luminary ON time
20.	Luminary OFF time
21.	Fault time date
22.	Fault rectification date
23.	Brightness Level

J. S. S.

R. S. M.

			24.	Full Brightness Hour	
			25.	Half Brightness Hour	
			26.	Harvested energy	
			27.	Battery State of Charge (%)	
			28.	Battery Depth of Discharge (%)	
7	24	2.1.3	The provision relating to submission of Additional Performance Security (APS) of the RFE stands deleted and shall not be applicable for this tender.		

Handwritten signature

Handwritten signature