SOLAR ENERGY CORPORATION OF INDIA LIMITED
NEW DELHI

Ref No. SECI/C&P/IPP/11/0025/24-25/Amendment-01   Date: 28.05.2025

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Amendment-01 to Request for Selection (RfS) Document for Selection of Solar Power Developers for Setting up of Grid-Connected Floating Solar PV Projects with Battery Energy Storage System (BESS) in Lakshadweep under RESCO Mode Through Tariff Based Competitive Bidding

RfS No. SECI/C&P/IPP/11/0025/24-25 dated 05.03.2025

S. No.	Clause No.	Existing Clause	Amended Clause
RfS Document			
1.	Annexure-B	**PERFORMANCE MONITORING** As part of the performance monitoring, the following shall be carried out: i. The SPDs must install necessary equipment to continuously measure solar radiation on module plane, ambient temperature, wind speed and other weather parameters and simultaneously measure the generation of DC power as well as AC power generated from the plant. They will be required to submit this data to SECI/ LED on line and/ or through a report on regular basis every month for the entire duration of PPA. The plant SCADA should be Open Platform Communications (OPC) compliant with standard DNP3 and Modbus control interfaces over TCP/ IP having the provision to add protocol converters to implement custom and secure communications protocol standard for providing real time online data (including but not limited to irradiance, plant generation (instantaneous/ daily/ monthly/ yearly), Daily Peak Generation, temperature, wind speed etc.) to SECI/ LED. ii. Web-based monitoring should be available, which should not be machine-dependent. The web-based monitoring should provide the same screens as available in the plant. Also, it should be possible to download reports from a remote web-client in PDF or Excel format.	**PERFORMANCE MONITORING** As part of the performance monitoring, the following shall be carried out: i. The SPDs must install necessary equipment to continuously measure solar radiation on module plane, ambient temperature, wind speed and other weather parameters and simultaneously measure the generation of DC power as well as AC power generated from the plant. They will be required to submit this data to SECI/ LED on line and/ or through a report on regular basis every month for the entire duration of PPA. The plant SCADA should be Open Platform Communications (OPC) compliant. It shall communicate with the LED EMS Control Centre on standard IEC 60870-5-104 communication protocol over TCP/ IP having the provision to communicate on both non-secure and secure communication protocol for providing real time online data (including but not limited to irradiance, plant generation (instantaneous/ daily/ monthly/ yearly), Daily Peak Generation, Electrical parameters like (MW, MVAR, Voltage, Frequency, Current Power factor, instantaneous temperature and wind speed etc.) to SECI/ LED EMC control centre. ii. Web-based monitoring should be available, which should not be machine-dependent. The web-based monitoring should provide the same screens as available in the plant. Also, it should be possible to download reports from a remote web-client in PDF or Excel format.

Additional information:

The following-mentioned government land is available and earmarked for the installation of the Floating Solar Project at Agatti and Kavaratti Islands.

S. No.	Name of Island	Survey No.	Land area (sq. m.)	Land under possession
1	Agatti	1000A	500	Government
2		1001A	1090	
3	Kavaratti	956/2B	730	Government
4		956/2C	350	
5		956/4B	50	
6		946/4B	210	

In the case of Agatti Island, the revised approximate distance from SPV plant to point interconnection point is **300 meters.**