



## **Invitation to Participate in Market Sounding Exercise for Implementation of a State-of-the-Art Renewable Energy Management System (REMS) at National System Control Centre, Ceylon Electricity Board (CEB), Sri Lanka**

The **Ceylon Electricity Board** is exploring the opportunities to **shape the future Sri Lanka's energy landscape** by bringing innovation, expertise and digitalization to the country's energy transition towards a more sustainable power system by unlocking the vast renewable energy potential in Sri Lanka.

Ceylon Electricity Board is inviting interested competent parties who have engaged with National System Control Centres (NSCC) in power utilities elsewhere, to participate in Market Sounding Exercise for Implementation of a State-of-the-Art Renewable Energy Management System (REMS) at National System Control Centre, Ceylon Electricity Board, Sri Lanka.

### **Purpose of the Market Sounding**

This exercise aims to:

- Identify best practices, architecture, and technology solutions used globally in similar control centres.
- Gather inputs to system specifications, integration methods, training, maintenance, and support requirements.
- Engage with experienced firms to inform the preparation of a future Request for Proposals (RFP) for REMS implementation.

### **Scope of REMS Implementation**

The REMS is expected to include (but not be limited to):

- Real-time monitoring and management of renewable energy-based power plants (including Variable Renewable Energy and Battery Energy Storage Systems).
- Renewable energy and demand forecasting modules (day-ahead, intra-day, intra-hour).
- Operational decision support tools including net demand assessment, curtailment analysis, inertia monitoring, and flexibility analysis.
- Seamless integration with the existing SCADA/EMS platform at NSCC.

This market sounding exercise is being conducted solely for information purposes and does not constitute a formal procurement process. CEB will deliver a presentation during the market-sounding exercise, which will also be made available on the CEB website for reference by all potential participants and other interested parties.

Taking part in this market sounding exercise will neither confer advantages nor disadvantages to any respondent(s) in any future procurement processes.

Interested competent parties may access the Market Sounding Questionnaire from the CEB, Ministry of Energy or Electronic Government Procurement (eGP) System websites as follows:

- <https://www.ceb.lk/>
- <http://powermin.gov.lk/>
- [https://promise.lk/?p=front\\_cont&a=e\\_government\\_procurement](https://promise.lk/?p=front_cont&a=e_government_procurement)
  
- Interested parties may also submit a request for the link of the Market Sounding Questionnaire by e-mailing to [dgmsyc@ceb.lk](mailto:dgmsyc@ceb.lk)
- or
- Interested parties may also submit the duly filled Market Sounding form electronically through Google Forms on the following link <https://forms.gle/epPZHBepByny9PWp6>

When conducting the Market Sounding Exercise, confidentiality of the interested competent parties will be ensured by CEB.

The deadline for submission of the market Sounding Questionnaire is set for Wednesday, 30 April 2025, at 18:00 hrs (Sri Lanka Time).

**National System Control Centre  
Ceylon Electricity Board  
No. 80, Parliament Road, Pelawatte, Battaramulla, Sri Lanka  
07 April 2025**