

Minutes of the Pre-Bid Meeting of the project of

“Supplying, Transporting, Installation, Commissioning and Maintenance of 500 KW Solar System with all necessary mounding Structures and Power Cables from each Building to CEB Transformer room, at Technology Premises, Eastern University, Sri Lanka, (stage I)”

Date: 30.06.2025

Time: 10.00 am

Venue: Board Room, EUSL

Preliminaries:

The Pre-bid meeting commenced with a welcome note by the Deputy Registrar / Capital Works and Planning.

01. Cabling [Page: 62: 4. Cabling]

It was decided to revise the mentioned section as follows;

“Supplier Should provide AC cabling part in according to good electricity practices and with allowable voltage drop of 2%.”

02. (a.) Cables: To use ABC Aluminum overhead cable.

(a.) Wiring needs to be done for the whole system.

(b.) AC & DC Cables: should be designed for 500 KW

03. Inverter Location:

Roof layout plans of the two buildings, and transformer location drawings shall be provided. Accordingly, the Bidder is requested to propose the most suitable locations for Inverter installation.

04. Loading of Inverters: All inverters should be loaded with Solar PV Modules.

05. Deadline for making any clarification is extended up to 3.00 pm on 02.07.2025.

06. Trial Period [Page No: 40, ITB 18. 1 (b)].

Trial period for ensuring the generation guaranteed power output to be extended to first 12 months. Other conditions will remain unchanged.

07. Panel Board should be designed for 500 KW

08. Inverter Configuration

Technical specification of Inverter in Page 55 of the Procurement Document says that “Rated Power 100 kW (5 nos of 100kW inverters or suitable)”. Therefore, inverter configuration is not limited to 5 Nos of 100kW and can be specified by the bidder

subject to the approval of the Eastern University, Sri Lanka, such that 500kW AC capacity is met.

09. Inverters and PV module configuration.

The inverter and solar PV capacity installed on each building is to be define by the bidder such that the total capacity of 500kW inverter capacity and 500kWp DC capacity to be met. However, inverter capacity and DC capacity generated from a building should not exceed 300 KW and 300kWp DC respectively.

10. System Warranty Requirements

The Warranty Requirement mentioned in section “4. Warranty Schedule” [table 06] in page number 64 will be considered for bid evaluation.

11. Earthing Conductor Material

Earthing Conductor Material should be copper as detailed page no. 63.

12. Panel Monitoring

Panel monitoring is required as detailed in the Procurement Document, Page no. 06.

13. Wind Speed Compliance

The PV array and support structure must be able to withstand wind gusts speed up to 100 km/hr without damage.

14. DC Isolators

The external DC isolators are not necessary.

15. DC SPD

The external DC SPD are to be installed.

16. Size and Weight of the Panel

Minor deviation shall be accommodated for Panel size and weight. So, Bidders are requested to mention them under “Remarks” column in the Technical Specification: Table 4.

17. Weight of the Inverter

Acceptable deviation shall be accommodated for Invertor weight. So, Bidders are requested to mention the weight of the Invertor proposed under “Remarks” column in the Technical Specification: Table 4.

The meeting adjourned by 11.30 a.m. with a note of thanks by the Deputy Registrar / Capital Works and Planning



M.A.M.M. Siraju
Deputy Registrar
Capital Works and Planning
02/07/2025


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