



## TENDER DOCUMENTS FOR

“Supply, Installation,  
Commissioning, Training &  
Acceptance of Battery  
Emulators“

**TENDER NO. 439/GARC/EV/2022-  
23/Battery Emulator/23**

### **Annexure VI Acceptance Criteria**

**Supply, Installation, Commissioning, Training & Acceptance of Battery Emulator**

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## 1. ACCEPTANCE TEST

### 1.1 Approval of project

All requirements of equipment and list of elements to be supplied including main specifications, shall be verified and accepted by GARC

#### a. Pre-acceptance & Pre-Dispatch inspection (PDI)

The Pre-acceptance test shall consist in proving the performance of the equipment, as per the performance standards and specifications defined in the documents comprising “Annexure - IV TCC” and the “Annexure VI - Acceptance Criteria”. The PDI shall be done for equipment required to be inspected before dispatch as per List mentioned in Sr. No. 1.2 mentioned below.

The pre- acceptance inspection or Pre-Dispatch Inspection (PDI) will consist of:

- Visual inspection of the actual equipment
- Connections to power supply and validation.
- The correct running of the software and hardware
- The overall appearance, functionalities and sub components quality.
- Validation of the provided documentation.

The supplier should also deliver the procedure that will be used to qualify the equipment during the commissioning.

The required hardware and software to do the verifications shall be provided by the supplier.

The Bidder shall propose in “Form d6) “a pre-acceptance protocol for the elements to be supplied. Pre-Delivery Inspection (PDI) shall be performed at Bidder’s cost (Please refer Schedule G (a) of Form (e) for cost break-up) in the presence of Two GARCrepresentatives. These tests shall be carried out at the respective Supplier’s premises for 5 days. The expenses should include travelling (Air fare of economy class), boarding & lodging, DA @ USD 100 per person for the expected days of stay and incidental costs. In case the pre acceptance is done in INDIA, the expenses should include travelling (Air fare of economy class), boarding & lodging, DA (as per GARC policy and same shall be informed to the successful bidder at the time of pre acceptance) for the expected days of stay and incidental costs.

The break-up of such expenses per person related to PDI shall be submitted to GARC, separately (as per Form G of Finance bid) in the financial bid envelop.

The Bidder shall also propose a complete and detailed protocol for the on-site Final Acceptance. This information shall be submitted in “Form d6”.

## 1.2 List of Equipment with PDI requirements:

S.No.	Scope of Supply	PDI (Pre-Dispatch Inspection) Required
1	Battery Emulator-300kW	Yes
2	Battery Emulator-600kW	Yes

### Commissioning and final acceptance

The supplier shall propose the acceptance protocol for each of the items under the scope of supply at the time of the submission of the technical bids.

Upon delivery, a full system check and demonstration by the supplier shall be conducted to the satisfaction of the representative of GARC.

After the successful installation of the equipment, the commissioning and acceptance shall be based on the mutually accepted protocols and system verification between GARC and the successful bidder.

The compliancy of all auxiliary devices with the required performances needs to be demonstrated by the supplier.

Interface with all Utilities and all Safety Measures shall be checked and demonstrated by the supplier.