



## **TENDER DOCUMENTS FOR**

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

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

**Annexure II Site Description**

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

**GARC- Chennai**

Global Automotive Research Centre, Plot E1,  
SIPCOT Industrial Growth Centre,  
Oragadam, Mathur Post, Sriperumpthur Taluk, Kanchipuram – 602 105, Tamil Nadu

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## 1. GENERAL SITE DESCRIPTION

### 1.1 GARC, Chennai

#### 1.1.1. Introduction

The Project site is located at SIPCOT Industrial Estate at Oragadam, at a distance of about 30 kms from Chennai airport and is accessible from both National Highway 4 (13 kms) and National Highway 45 (12 kms). The land is predominately flat is spread over an area of 300 acres. This site is under construction.

#### 1.1.2. Access & Climatic Conditions

S.No.	Parameter	Description
1.	Access to the Project Site	Connected by highway to Chennai Close to Chennai airport
2.	Altitude above sea level	101 m to 110 m
3.	Land size	304 Acres
4.	Topography	Small gradient land
5.	Climatic conditions	<ul style="list-style-type: none"><li>• Hot &amp; Humid climate for most of the year</li><li>• Rainy months : October and November</li><li>• Temperature ranges between 20 and 37°C</li><li>• Seismic Zone III</li></ul>

## **2. Description of the buildings**

### **2.1 Available Utilities**

#### **2.1.1. Electricity**

The Bidder for this tender is responsible for the electrical network from GARC electric point to the test equipments.

#### **Facility at GARC-Chennai:**

- Available supply: AC Supply, (3phase, 415 Volts, 50Hz) & (Single phase, 220Volts, 50 Hz).
- Electrical supply for test equipment.
- Additional requirements will be provided based on the bidders requirements. The successful bidder for each equipment needs to specify their requirement within 4 weeks after the award of tender.

#### **2.1.2. Fire Protection Systems**

All the building will be equipped with suitable fire fighting systems. The type of system will vary depending on the building or Laboratory use.