



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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Website www.garc.co.in

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">• Hot & Humid climate for most of the year• Rainy months : October and November• Temperature ranges between 20 and 37°C• Seismic Zone III

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.