

# Construction of 64nos. 'G1' Type Quarters for Married Research Scholars at IIT Madras.

# 1. **DESIGN FEATURES**:

 The proposed Stilt + 8 floors housing block has been located on the site after demolishing the existing "Z" type quarters.

### 2. <u>SALIENT FEATURES</u>:

- The individual units have been designed to provide an efficient usage of space.
- The units make full use of light and ventilation in all functional spaces.
- A utility space attached with the kitchen provides flexibility in usage.
- Barrier Free/ Disabled Friendly planning & features.

#### (i) Service core:

Compact planning of the block helps in minimizing the area of the service core thus increasing the efficiency of the housing.

### (ii) Parking area:

Provision of 64 nos. two-wheeler parking has been made in the stilt area.

### (iii) Terrace:

All the services on terrace have been designed to maximize open terrace area.

# (iv) Common Services:

- 1. Fire Hydrants (2 Nos. per Floor)
- 2. Electrical Shafts (4 Nos. per Floor)
- 3. Plumbing Shafts & light wells

#### (v) Common Circulation:

- 1. Staircases (2 Nos)
- 2. 13 Pass. lift 2 Nos.
- 3. 1.8 M wide common corridor

#### **3.FACILITIES PROVIDED:** Floor-wise details are as under:

#### **Stilt Floor:**

- Covered Parking for 64 two wheelers
- Common Lobby area
- Meter Room, LV Room, Common shaft
- Ramps & staircase entry (2 nos each)



# First to Eighth Floors (Typical in each floor):

- 8 nos housing units per Floor
- · Common Lobby area & common corridor
- Staircases (2 Nos.)
- 2 Nos. 13 Passenger Lift
- Fire Hydrants (2 Nos)
- Electrical Shafts (4 Nos)
- · Plumbing Shafts & light wells

#### **Terrace Floor:**

- Mumty & Machine Rooms
- · Domestic & Fire Water Tanks
- Grey Water Tanks

# **Typical Unit:**

- · Living room
- Bedroom
- Kitchen
- Balcony
- · Utility balcony
- Toilet

# 4. **AREA STATEMENT:**

Total built up area: 4085 Sq.M (including stilt)

Typical Floor Area: 475 Sq.M Typical Unit area: 42.35 Sq.M

#### 5. SANCTION and AWARD DETAILS:

Estimate Amount : Rs.2205 Lakhs Agreement Amount : Rs.1846 Lakhs

Name of the Contractor: M/s.RR Thulasi Builders (I) Pvt. Ltd., Chennai-83.

Date of Commencement: 09.09.2019 Stipulated date of Completion: 08.03.2021

Duration of the project: 18 months

Anticipated date of Completion: 15.12.2021 Physical Progress: 85% of work completed.





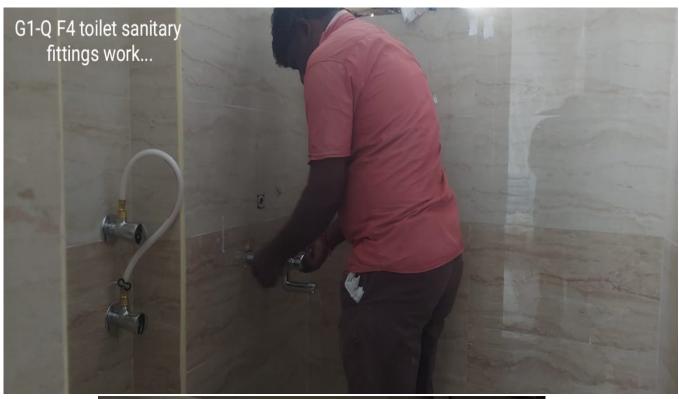














'G1' Type Quarters

